Ambientes, Social, Salud y Seguridad
Sistema de Gestión

PLAN DE CONTINGENCIAS - CONSTRUCCIÓN DE TUBERÍA DE GAS NATURAL

Fase 1: Transporte de personal en Vehículos Livianos
Ruta: Lima-Pisco-Ayacucho

Número de Documento:
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El presente documento constituye una traducción libre al español, efectuada por PERU LNG S.R.L. al documento original en inglés.

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A IMPLEMENTACIÓN Y ACTUALIZACIÓN DEL DOCUMENTO

A.1 Nombramiento del Controlador del documento "Plan de Contingencias"

NOMBRAMIENTO DEL CONTROLADOR DEL PLAN DE CONTINGENCIA

La presente tiene la finalidad de nombrar al: ING. LUIS CAVERO PASCO, ASESOR DE SALUD Y SEGURIDAD, como controlador del: Plan de Contingencia para el Transporte Liviano, en la ruta Lima – Pisco – Ayacucho.

El controlador del presente documento tiene la responsabilidad de documentar, comunicar y distribuir a los portadores de las copias controladas del presente Plan, todo cambio y/o revisión que se realice al presente documento.

Los cambios serán registrados y distribuidos en el formato de HOJA DE REGISTRO DE CAMBIOS. Por consiguiente estas hojas de registro generadas por cualquier miembro de la organización, con la finalidad de mejorar los alcances, objetivos, procedimientos o cualquier dato de este documento, deberán estar dirigidas al controlador del Plan.

Bárbara Bruce
Gerente General
PERU LNG

A.2 Lista de distribución del documento en español

#	Nombre	#	Nombre
01	OSINERG	16	Guillermo Casapia
02	Luis Cavero	17	Joe Salazar
03	DGAAE	18	Aldo Gironda
04	Julio Rojas	19	Lizinka Naranjo
05	Rosa Ocana	20	Zenon Gálvez
06	Raymi Beltrán	21	ORUS
07	Oficina de Cañete	22	Oficina de Lima
08	Oficina de Chincha	23	Oficina de Lima
09	Bárbara Bruce	24	Oficina de Lima
10	Verónica Morelli	25	Oficina de Lima
11	Orit Pollak		
12	Igor Salazar		
13	Juan Lince		
14	Karina Gallardo		
15	Silvana Lay		

A.3 Lista de distribución del documento en inglés

31	Jim White		
32	Wyndell Caviness		
32	Alex Dmitrienko		
34	Graham Lawton		
35	Álvaro Hernández		
36	Scott Rolseth		
37	Peter Jackson		
38	David Chapman		
39	Jim Rix		
40	Lima Oficina		
41	Lima Oficina		
42	Lima Oficina		
43	Lima Oficina		
44	Lima Oficina		
45	Lima Oficina		

A.4 Procedimiento de actualización del documento

La revisión y/o actualización del presente Plan se deberá de realizar en caso de producirse las siguientes condiciones:

- Variación a ampliaciones en los alcances, propósitos u objetivos del Plan de Contingencias del Transporte Liviano.
- Modificaciones en las características de transporte que involucren cambios en el tipo de vehículo (diferente a vehículo liviano), incremento o variación de la ruta, así como modificaciones en el tipo de operaciones (transporte de personal, materiales de construcción, etc.).
- Resultante del análisis post-emergencia (niveles II y III). Este análisis deberá ser realizado conjuntamente con los miembros que conforman el Comando de Incidentes y el Controlador del documento; opcionalmente con los contratistas involucrados.
- Modificaciones en el organigrama de respuesta existente, implementación o cambios sustanciales en los recursos internos disponibles en la planta (futura), incremento o disminución de recursos disponibles en la ruta (propios o de terceros).
- Por lo menos con un lapso de tiempo no mayor a 12 meses de ocurrida la última revisión o actualización total del documento.

En el caso de proponer la modificación de cualquier texto, dato o sección del presente documento, él o los responsables deberán de registrar y sustentar la modificación en la HOJA DE REGISTRO DE CAMBIOS, adjunta como **Anexo A**.

El Controlador del documento, deberá de analizar este sustento y presentarlo en la reunión mensual de seguridad de la empresa, antes de implementarse la modificación y proceder a difundir el cambio a todos los interesados (Autoridades, funcionarios, personal y contratistas).

La difusión de los cambios (producto de revisiones y/o actualizaciones) se deberá de realizar a través del Programa Anual de Capacitación, inducciones especiales, charlas de 5 minutos, presentaciones oficiales a las autoridades, o por cualquier otro medio que asegure que todos los componentes de la organización conozcan la nueva versión.

NOTA: Se considera personal a todos aquellos trabajadores, contratados directa o indirectamente por la empresa, incluyendo al personal de los contratistas.

B - GENERALIDADES Y CONTENIDO DEL PLAN

B.1 Introducción

PERU LNG S.R.L. ("PERU LNG") es una empresa dedicada a las actividades con hidrocarburos que esta desarrollando un proyecto de exportación de Gas Natural Licuado (GNL) desde su planta en construcción ubicada en la Pampa de Melchorita, a la altura del km. 169 de la Carretera Panamericana Sur.

"Compañía Operadora de LNG del Perú S.A.C." ("COLP"), es una empresa constituida de conformidad con las leyes peruanas, la cual ha sido designada operadora de PERU LNG S.R.L. para realizar todas las actividades necesarias para la ejecución del Convenio de Inversión para la Instalación, Operación y Mantenimiento de la Planta de Procesamiento de Gas Natural, suscrita entre PERU LNG y el Gobierno Peruano.

El GNL que llegará a esta futura planta será transportado, desde LOS CAMPOS DE Camisea. La construcción del Ducto Principal de PERU LNG se iniciará en el año 2007 y para ello necesitará del transporte de personal, insumos, materiales de construcción, combustibles y todo tipo de maquinarias necesarias para viabilizar la construcción del gasoducto.

En esta primera etapa del proyecto, el transporte de personal a través de vehículos ligeros, principalmente camionetas doble cabina 4x4, que recorrerán la ruta Lima – Pisco – Ayacucho, se viene incrementando ostensiblemente.

Es por ello que PERU LNG ha elaborado este "Plan de Contingencias para el Transporte Liviano", con el propósito de orientar, definir y coordinar las acciones de respuesta, la estructura organizacional de emergencia y los procedimientos aplicables en caso de ocurrir una emergencia con los vehículo ligeros, a lo largo de la ruta mencionada.

PERU LNG a través de los funcionarios designados es responsable de implementar, actualizar y difundir el presente documento a todo el personal, sea este propio, personal contratista o subcontratista, a fin de que todos cumplan con los siguientes campos de acción:

- Prevención: Recomendando a los responsables de transporte livianos cumplir con llenar los formatos de inspección, verificación de hojas de ruta, control de equipamiento básico y principalmente mantener una conducta de manejo defensivo acorde con las disposiciones de la empresa.
- Respuesta: Define los procedimientos para casos de emergencias previamente identificados, establece los niveles de impacto de sus consecuencias y utiliza todos recursos disponibles en la ruta para controlar y mitigar dichas emergencias.
- Coordinación: Habilitación y manteniendo un sistema de comunicación seguro y confiable, que le permita enterarse de un incidente, activar la organización de respuesta de este Plan y/o contactarse en el menor tiempo posible con las autoridades y recursos disponibles en la ruta, para evitar daños a los tripulantes, activos de la empresa, entorno y medio ambiente, así como las actividades propias de la operación.

El Plan de Contingencia para el Transporte Liviano, constituye un documento aprobado por la Gerencia General de PERU LNG, y su implementación y cumplimiento es obligación de todos los funcionarios, personal y contratistas involucrados en el Proyecto de PERU LNG.

B.2 Lista de principales vías de la ruta

A través del presente documento se nombrarán una serie de rutas, tramos de carreteras y/o secciones de las vías, que forman parte de la ruta Lima – Pisco - Ayacucho, objetos de este Plan de Contingencia, los mismos que detallamos a continuación:

- **TRAMO DE LA RUTA : Lima – Pisco - Ica**
- NOMBRE DE LA VÍA : Carretera Panamericana Sur
- DISTANCIA DEL TRAMO : 300.0 Km.
- CONDICIÓN DEL TRAMO : Carretera Asfaltada / Excelentes Condiciones.
- **TRAMO DE LA RUTA : San Clemente - Huaytará - Huamanga**
- NOMBRE DE LA VÍA : Carretera Libertadores Wari
- DISTANCIA DEL TRAMO : 330.0 Km.
- CONDICIÓN DEL TRAMO : Carretera Asfaltada / Buenas Condiciones.

- **TRAMO DE LA RUTA : Huamanga – San Miguel – PS 3**
- NOMBRE DE LA VÍA : Carretera local de penetración
- DISTANCIA DEL TRAMO : 170.0 Km.
- CONDICIÓN DEL TRAMO : Pista asfaltada /Trocha carrozable / afirmada / De Huamanga a Quinua = Buenas condiciones. De Quinua a PS 3 = Regulares Condiciones

- **TRAMO DE LA RUTA : Desvío Sta. Cruz –Puerto San Martín**
- NOMBRE DE LA VÍA : Carretera local de penetración
- DISTANCIA DEL TRAMO : 30.0 Km.
- CONDICIÓN DEL TRAMO : Pista asfaltada /regulares condiciones

B.3 Instalaciones ocupadas por funcionarios de PERU LNG

De ocurrir una emergencia durante el transporte de personas con vehículos livianos a lo largo de la ruta Lima – Pisco – Ayacucho, el personal de PERU LNG y sus contratistas tendrán la responsabilidad de responder y apoyar desde sus instalaciones.

La lista actualizada de instalaciones al momento de redactar el presente documento es:

- **NOMBRE DE LA INSTALACIÓN : Oficina Principal en Lima**
- UBICACION DE LA INSTALACION : Av. Víctor Andrés Belaunde 147, Vía Real 185, Torre Real 12, Piso 2, San Isidro - Lima
- TIPO DE OCUPANTES : Funcionarios, gerentes, ejecutivos, técnicos, personal administrativo, choferes y personal de limpieza.
- VOLUMEN APROX. DE OCUPANTES : 62 personas

- **NOMBRE DE LA INSTALACIÓN : Planta de Licuefacción de Gas Natural – Pampa Melchorita**
- UBICACION DE LA INSTALACION : Pampa de Melchorita, Carretera Panamericana Sur Km. 169,

- TIPO DE OCUPANTES : Gerentes, supervisores, técnicos, operarios y contratistas, operadores de equipos pesados, choferes de vehículos livianos y personal de limpieza.
- VOLUMEN APROX. DE OCUPANTES : 827 personas.

- **NOMBRE DE LA INSTALACIÓN : Oficina Administrativa en Ayacucho**
- UBICACION DE LA INSTALACION : Manzana N Lote 17, Urbanización Jardín
- TIPO DE OCUPANTES : Relacionistas comunitarios (Ingenieros, Arqueólogos, Abogado, Antropólogos, Agrónomo, Biólogo), Administrador, choferes y personal de limpieza y personal contratista.
- VOLUMEN APROX. DE OCUPANTES : 26 personas

- **NOMBRE DE LA INSTALACIÓN : Oficina Administrativa en Cañete**
- UBICACION DE LA INSTALACION : Jr. Grau 329 San Vicente de Cañete - Cañete
- TIPO DE OCUPANTES : Comunicador y personal de limpieza
- VOLUMEN APROX. DE OCUPANTES : 02 personas

- **NOMBRE DE LA INSTALACIÓN : Oficina Administrativa en Chincha**
- UBICACION DE LA INSTALACION : Pedro Moreno 114, Chincha Alta - Chincha
- TIPO DE OCUPANTES : Comunicadores, Relacionistas comunitarios (Ing. Agrónomo, Médico Veterinario, Sociólogo, Administradora), y chóferes de vehículos livianos y personal de limpieza.
- VOLUMEN APROX. DE OCUPANTES : 13 personas (2 en oficina y 11 en campo)

B.4 Propósito

El propósito del presente Plan es definir la estrategia, las acciones y los recursos necesarias para responder frente a una emergencia (con o sin lesión) que podría ocurrir con los vehículos livianos durante su recorrido por la ruta Lima – Pisco – Ayacucho, con la finalidad de proteger la integridad y salud de los ocupantes de estas camionetas, la imagen de la empresa, las buenas relaciones con las comunidades y cumplir con las exigencias de la Autoridad Competente.

B.5 Objetivos

El objetivo principal de este Plan se centra en definir el lineamiento general para responder en forma segura, inmediata y confiable, ante la ocurrencia de un incidente con los vehículos de transporte liviano en la ruta.

Todos los esfuerzos se dirigirán a priorizar la atención de víctimas (de PERU LNG, y de sus contratistas o terceros) sobre otros elementos importantes a no descartar, tales como los

activos de la empresa, la buena imagen corporativa, el medio ambiente, la responsabilidad social y el cumplimiento de la legislación nacional.

A través de los capítulos siguientes se establecerán los siguientes objetivos específicos:

1. La clasificación de los diferentes tipos de emergencia posibles que puedan ocurrir en la ruta Lima – Pisco - Ayacucho.
2. El Protocolo de Notificación (interna y externa) y la calidad de la información requerida desde la escena de la emergencia.
3. El organigrama de respuesta y las funciones de los integrantes.
4. Los procedimientos de respuesta a seguir para los distintos tipos de escenarios posibles.
5. Las acciones necesarias para implementar, actualizar, capacitar y difundir el presente documento.

B.6 Alcances

El presente Plan de Contingencias fue redactado para activarse y atender a cualquier accidente ocurrido con los vehículos de transporte livianos que recorran la ruta Lima – Pisco – Ayacucho, como parte de las actividades del proyecto de construcción de la planta de licuefacción, del construcción del gasoducto, o cualquier otra labor propias de la línea de negocio de PERU LNG.

Las acciones de respuesta, apoyo y soporte se aplican tanto al personal de PERU LNG, a sus contratistas y subcontratistas, así como a sus visitantes o terceros afectados por el accidente.

En caso de presenciar o arribar al lugar de una emergencia de terceros (sin compromiso del personal que labora en el proyecto de PERU LNG) se apoyará en las acciones básicas de primeros auxilios o de soporte medico, extinción de incendio y/o solicitud de apoyo externo, en la medida que sus posibilidades técnicas, recursos disponibles lo permitan, y en tanto no ponga en riesgo la seguridad de su personal. Asimismo, deberá reportar a la Centro de Control de Perú LNG, y de ser posible a la dependencia de la Policía Nacional del Perú más cercana.

B.7 Limitaciones

Los siguientes escenarios no han sido considerados para la activación del presente Plan de Contingencias, no obstante estos casos serán informados al Centro de Control y/o al Grupo de Soporte a la Crisis tan pronto como sea prácticamente o viablemente posible:

1. Emergencias con vehículos de transporte distintos a los catalogados como livianos.
2. Emergencias ocurridas en rutas diferentes a los considerados en el presente documento.

Nota: Considerando que el presente documento se restringe a las emergencias en el transporte por la vía pública, (fuera de los límites de la propiedad de PERU LNG), en dónde es función de las Autoridades del Gobierno, preparar y entrenar a las instituciones de primera respuesta (apoyo externo) para el control de accidentes y considerando que PERU LNG NO cuenta con la autoridad necesaria para obligar a la evacuación (retiro de personas de un área pública o privada) de un determinado sector u área en la ruta (en caso necesario e indispensable), como si sucede al interior de sus instalaciones, queda claro que el éxito de la misma dependerá de:

1. La voluntad del evacuante para cumplir con las instrucciones que genere PERU LNG.
2. La capacidad en personal y equipo de las Autoridades y/o apoyo externo (PNP,

CGBVP, INDECI) para ordenar la evacuación, así como el grado de obediencia de las personas requeridas a evacuar.

3. El grado de apoyo que debe brindar la Autoridad Municipal y la existencia de una oficina organizada, equipada y entrenada de Defensa Civil (Ley Nº 19338).

B.8 Descripción del sistema de transporte Liviano

El transporte de personal mediante el uso de vehículos livianos se realizará de acuerdo las siguientes condiciones y parámetros:

1. Coordinación previa del personal que realizará el recorrido de la ruta.
2. Definición por parte del área correspondiente de PERU LNG del vehículo y chofer asignado al servicio requerido.
3. Definición del desplazamiento de cada vehículo, indicando datos generales de los tripulantes, especificaciones del recorridos y paradas (de descanso), detalle de los equipos o cargas transportadas, explicación de los trabajos a realizar en la ruta, números de teléfonos celulares/satelitales de cada tripulante y chofer. Se adjunta el formato de HOJA DE RUTA DE TRANSPORTE LIVIANO en el **Anexo C**.
4. Reporte de viaje al Centro de Control de PERU LNG; verbal o en formato impreso, a fin de poder realizar un monitoreo de desplazamiento, desde la salida del vehículo, hasta su regreso al punto establecido en el formato.

Para efecto de mantener un adecuado nivel de seguridad en las operaciones de transporte con vehículos livianos, será necesario que el chofer y los tripulantes mantengan las siguientes conductas y verificaciones previas a cada viaje.

1. Revisar el equipo básico de seguridad que todo vehículo de transporte liviano deberá de mantener siempre operativo. El detalle de este equipo se indica en el Anexo D como LISTA DE EQUIPO BASICO DE SEGURIDAD.
2. Conocimiento de las disposiciones sobre manejo seguro vigente tanto para choferes como para tripulantes, detallado en el **Anexo J** adjunto como CODIGO DEL CONDUCTOR SEGURO Y CODIGO DEL PASAJERO PRUDENTE.
3. Revisar y probar los sistemas de comunicación disponibles.
4. Revisar ruta (clima, huaycos, manifestaciones, etc.).

B.9 Definiciones

Con la finalidad de lograr una adecuada interpretación de los diversos capítulos contenidos en el presente Plan de Contingencia para el Transporte Liviano adjunto como **Anexo B** se definen los principales términos y acrónimos utilizados en este documento, a fin de eliminar interpretaciones o significados diferentes al originalmente deseado.

C TIPO Y NIVELES DE EMERGENCIAS

C.1 Introducción

Durante las operaciones de transporte de vehículos livianos, en la ruta Lima – Pisco – Ayacucho se han identificado una serie de riesgos, los cuales pueden ocasionados por:

1. Condiciones físicas propias de la ruta (altura, curvas, pendientes).
2. Condiciones climatológicas y sus consecuencias por cambios repentinos.
3. Riesgos resultantes por la presencia de poblados, ciudades, zonas agropecuarias, y cruce de ganado.
4. Existencia de tránsito fluido de vehículos de terceros, que no necesariamente cumplen un estándar optimo de seguridad, tanto en su manejo, como en las condiciones técnicas de sus vehículos.
5. Posibilidad de ocurrencia de fenómenos naturales o eventos geodinámicos. (sismos, huaycos, caída de rocas, deslizamientos, etc.).
6. Existencia de puentes, túneles, cursos de agua y badenes.
7. El factor humano como desencadenante de actitudes y acciones inseguras que originen accidentes.

Estos riesgos podrían generar diversos tipos y niveles de emergencias que el presente Plan ha identificado, en base al análisis de riesgos (documento separado), a la experiencia recogida durante el recorrido de la ruta y a las estadísticas publicadas por el MTC.

La emergencias que involucran personas, vehículos y equipos menores de la empresa, pueden ser resueltas con distintos tipos de recursos, en algunas ocasiones pueden ser controladas en poco tiempo (horas) y en otras pueden tomar mayor tiempo y movilización de recursos, motivo por lo cual es adecuado clasificar las emergencias en distintos niveles.

EVENTOS QUE PUEDEN GENERAR EMERGENCIAS

Accidentes Incendios del vehículo Accidente vehicular Volcadura Salida de pista Atropello Heridos múltiples Incendio forestal adyacente Derrames de Combustibles	Fenómenos Naturales Terremotos Nevada / helada /granizada Huaycos / Deslizamientos de tierra o desprendimiento o piedras Inundaciones Lluvias torrenciales Neblina cerrada Tormenta eléctrica	Políticos / Laborales Paro / Bloqueo Vandalismo Conmoción Civil Sabotaje Terrorismo
Comunicaciones Problemas con la Prensa Problemas con Organizaciones No Gubernamentales (ONG) Problemas con autoridades locales Problemas con la población	Problemas en la Ruta Situación de emergencia de tránsito (PNP) Caída a tierra de líneas de alta tensión Caída de puente Salida de curso de agua Tramo en reparación, caída de panel de publicidad	Otros Incidentes en comunidades Enfermedad del chofer o tripulante (soroche u otros) Robo y/o asalto Desperfectos mecánicos

Nota:

Para los casos críticos no mostrados en este capítulo, se deberán considerar los criterios que el Comandante de Incidentes de PERU LNG determine, siguiendo la política de la empresa, sus lineamientos en seguridad y espíritu de preservar la vida humana y mantener las relaciones cordiales con las comunidades sobre cualquier otra prioridad.

C.2 Clasificación de los niveles de Emergencia

El resumen de los niveles de respuesta establece las pautas para definir las situaciones o niveles de emergencia.

Existen varios factores que han sido considerados en la determinación del nivel de la emergencia, tales como:

- La extensión del área afectada
- El impacto potencial sobre los trabajadores, sobre terceros, y sobre la propiedad
- E volumen de recursos empleados para la respuesta.

C.2.1 Situación de Alerta Mínima

No todo incidente debe ser tratado como emergencia. Existe la “Situación de Alerta Mínima”, cuyas características son:

- El control del riesgo es inmediato, y es logrado solo con los recursos con que se cuentan en “ese momento” y “lugar”.
- Todo sistema de control y relevo funciona normalmente.

- El impacto a terceros y a la seguridad del personal se circunscribe solamente al “lugar”.
- La seguridad pública no es amenazada.
- Todo posible impacto al medio ambiente estará confinado al “lugar”.

C.2.2 Nivel Uno – Emergencia Potencial

- El control inmediato del peligro se hace progresivamente más complejo debido al deterioro de las condiciones establecidas para el transporte, a partir de una situación de alerta mínima.
- Los sistemas de control y relevo funcionan correctamente.
- El impacto a la seguridad pública y a los trabajadores, así como al ambiente estará confinado al lugar, sin una significativa posibilidad de impacto al exterior.
- La naturaleza de la situación puede ser definida como de corto plazo o breve duración.
- La situación puede ser manejada completamente con los recursos disponibles en el lugar y por el personal en el “lugar”.

C.2.3 Nivel Dos - Emergencia

- Es posible un control parcial del peligro.
- La naturaleza de la situación puede ser definida como de corta duración.
- Algunos sistemas de control y relevo no funcionan correctamente o no están operativos.
- Existe la posibilidad de impacto a la seguridad y integridad física de terceros y de los trabajadores; sin embargo, el peligro aún está confinado en el lugar de la ocurrencia y tiene un impacto potencial sobre el exterior.
- Hay un impacto al ambiente en el lugar de trabajo que llega a alcanzar al exterior.
- Las dependencias del gobierno deben ser alertadas.
- Se necesita el apoyo externo para controlar la situación.

C.2.4 Nivel Tres – Emergencia Mayor

- No es posible un control inmediato del peligro.
- Los sistemas de control y relevo no operan.
- El potencial de peligro a la seguridad del personal y el público es alto.
- Hay un impacto al medio ambiente significativo de larga duración.
- Se requiere apoyo externo para controlar la situación.

C.2.5 Fatalidad

Toda situación que deviene en una o más fatalidades, requerirá una respuesta específica y documentación apropiada. La muerte de una persona como resultado de una actividad que se ejecute en la fase de construcción del Ducto implicará una acción correspondiente al Nivel Tres de emergencias.

C.3 Criterios para la Clasificación de los Niveles de Emergencias

NIVELES DE LAS EMERGENCIAS

Atención (Situación de alerta mínima)	Incidente menor sin consecuencias directas que ocasionen pérdidas, afectación a la seguridad pública o medio ambiente. No se generan heridos. Condición inusual que potencialmente hubiera podido generar un accidente de no haber implementado ninguna acción correctiva a tiempo. El personal del vehículo esta en capacidad de controlar el incidente. La condición debe ser registrada a fin de mantener una estadística que sea analizada posteriormente.
Leve Nivel I	Incidente con alta potencialidad de ocurrencia. Aplicable también a una emergencia que puede ser controlada localmente por el personal del vehículo implicado. Puede generarse un herido leve o afectación menor y breve del medio ambiente o seguridad publica. No es necesario movilizar recursos, pero sí se hacen notificaciones inmediatas al Centro de Control de PERU LNG. El responsable en la escena describe las condiciones, preclasifica en tipo de emergencia y define las acciones de respuesta. Debe redactarse un reporte posterior al Área de Seguridad.
Moderado Nivel II	La emergencia no puede ser controlada totalmente por el personal del vehículo implicado. Es necesaria la presencia de recursos adicionales y/o de apoyo externo. No hay fatalidades, pero pueden generarse varios heridos leves. El Centro de Control de PERU LNG activa el Plan de Contingencia y el Flujograma de Notificación. El impacto a la seguridad pública y al medio ambiente es moderado. El responsable en la escena, coordina los recursos propios y externos para controlar la emergencia. Es necesario pedir asistencia de funcionarios de PERU LNG y autoridades. Se deberán considerar los conceptos de Manejo de Prensa. La comunicación con el Centro de Control debe ser constante.
Alto Nivel III	Emergencia es de gran magnitud o severidad. Involucra a terceros, afecta sustancialmente la seguridad pública, el medio ambiente y a la imagen de la empresa. Se genera al menos un herido grave, inconsciente y/o atrapado. Se requiere la activación total del Plan de Contingencia y del Centro de Comando, Es necesario la presencia, en la escena, de funcionarios de PERU LNG, personal y equipo especializado, apoyo externo y autoridades. El manejo de la emergencia está a cargo del Comandante de Incidente de PERU LNG.
FATALIDAD	Cualquier evento en donde se genere un fatal como consecuencia de la emergencia. Se aplica los procedimientos descritos para el nivel III

Con el propósito de asegurar una adecuada clasificación del nivel de una emergencia en la ruta y evitar discrepancias por la posible falta de imparcialidad, experiencia y condiciones físicas para definir los distintos escenarios que podrían afectar la magnitud de una emergencia, por lo que es necesario considerar lo siguiente:

1. El responsable en la escena, realiza una PRECLASIFICACIÓN inicial de la emergencia, de acuerdo a las condiciones climatológicas, severidad de daños, cantidad de heridos, recursos disponibles y necesarios, afectación a terceros y/o exposición a otros riesgos. En caso de no poder preclasificar el evento, será necesario que describa el escenario al Centro de Control con el mayor detalle posible. Ver punto D1.2
2. El Centro de Control recibe esta preclasificación y/o descripción del escenario. En caso de un incidente del nivel de “Atención” y/o una Emergencia “Nivel I Leve”, el Operador comunica el evento al Supervisor designado por PERU LNG. En caso de una Emergencia Nivel II, Nivel III, Fatalidad, o en caso de duda, se cumple con el flujograma de notificación, siendo el Comandante del Incidente el único que puede VALIDAR una Emergencia Nivel II y III, en virtud de la información recibida.
3. En los casos en donde un funcionario sea asignado y se apersone a la escena para dirigir el evento, éste podrá efectuar una RECLASIFICACION de la emergencia en virtud de las nuevas condiciones observadas.

Con la finalidad de determinar las aplicaciones de los niveles de emergencias posibles de ocurrir en la ruta, se adjunta como **Anexo K** varios ejemplos de CLASIFICACION DE NIVELES DE EMERGENCIAS, ocasionados por accidentes, fenómenos naturales y eventos político laborales.

D OPERACIONES DE RESPUESTA

D.1 Sistema de Comunicación

El sistema de comunicaciones del Plan de Contingencias para el Transporte Liviano se basa en mantener operativo un instrumento de recepción de la información de la escena de una emergencia y coordinar los recursos disponibles y de personal necesarios para el control de la situación.

Para ello PERU LNG mantiene vigentes procedimientos de notificación, un Centro de Control ubicado en su Oficina Principal de Lima, y un flujograma de comunicaciones internas y externas que todos los componentes de la organización deberán de conocer.

D.1.1 Centro de Control en Lima

El Centro de Control es una ambiente ubicado en la Oficina Principal de COLP S.A.C. en Lima que se mantendrá atendido las 24 horas, los 365 días del año por al menos una persona entrenada para apoyar al Comandante del Incidentes en la escena. Dicho Centro de Control comenzará a operar a partir del 1 de Abril de 2007.

El Operador del Centro de Control debe de convertirse en el soporte principal tanto del Comandante del Incidente como del responsable en la escena (Comandante en Escena). Mantendrá un flujo de comunicación constante entre la escena de la emergencia y el Centro de Comando.

El Centro de Control deberá de estar equipado con documentos, accesorios y facilidades que garanticen las comunicaciones y transmisión de información vital para el control del evento.

TELEFONOS DEL CENTRO DE CONTROL:

707 2122
707 2123
707 2124

D.1.2 Procedimiento de Notificación interno (desde la escena hasta Lima)

El propósito es establecer la forma correcta de notificar una emergencia desde la escena al Centro de Control y/o a cualquier organismo de apoyo externo que se requiera y disponga.

Para ello se ha establecido un formato que usará el Operador del Centro de Control, a fin de recoger información necesaria para clasificar el nivel de la emergencia, solicitar los recursos de acuerdo a la magnitud del evento y notificar a los funcionarios de PERU LNG de manera exacta y verás.

Es obligación del informante (chofer, tripulante o responsable del vehículo) acceder a cualquier medio de comunicación (teléfono satelital, celular, radio, teléfonos en la ruta, etc.) para notificar al Centro de Control, sobre un incidente.

De acuerdo al escenario presentado, es aceptable generar una primera notificación inicial y comunicaciones complementarias posteriores, especialmente en los casos en donde la información detallada o las obligaciones del informante están directamente ligadas a la respuesta en la emergencia.

La información inicial para estos casos debe ofrecer al menos 4 datos básicos e indispensables:

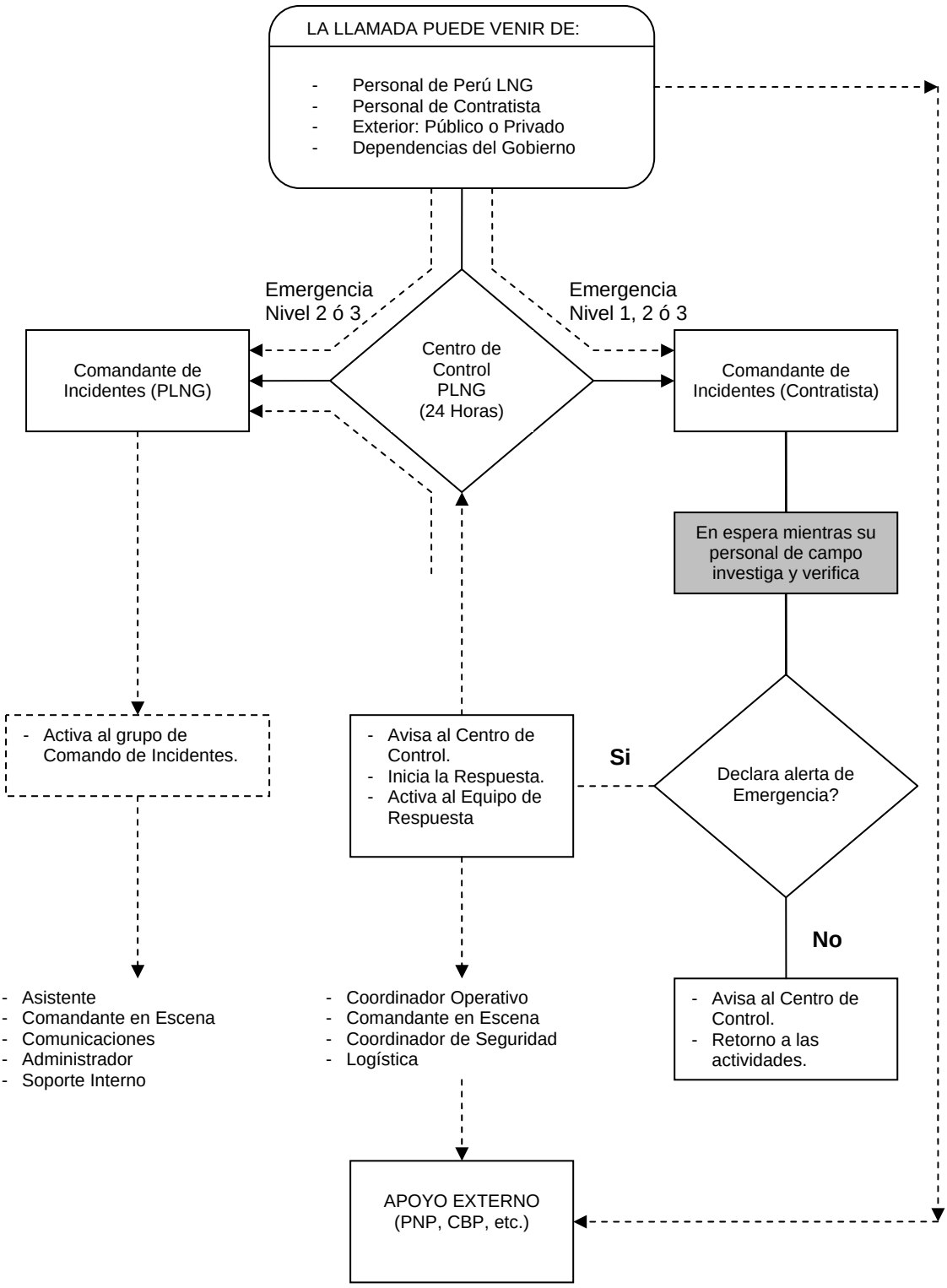
	DATOS BÁSICOS EN NOTIFICACIÓN INIICAL
01	¿QUIEN REPORTA LA EMERGENCIA?
02	¿LUGAR EN DONDE SE HA GENERADO LA EMERGENCIA? (Ruta, Km., ciudad cercana)
03	¿CLASIFICACION DE LA EMERGENCIA? (EJ. Volcadura de vehículo - nivel III)
04	¿PRESENCIA DE HERIDOS GRAVES Y/O FATALES?

El formato de notificación interna que facilitará levantar información de la escena, generando preguntas al informante, se adjunta como **Anexo O**.

D.1.3 Procedimiento de Notificación externo (al apoyo externo)

De la misma manera, se adjunta como **Anexo P**, el formato para que el Operador del Centro de Control sepa como informar del evento tanto a los funcionarios de PERU LNG, como a las instituciones de apoyo externo.

D.1.4 Flujograma de notificación



D.2 Organización de Respuesta

El Organigrama de Respuesta de Emergencia en la ruta Lima – Pisco – Ayacucho se basa una estructura semejante a la dispuesta para la fase de construcción de la Planta de Licuefacción de Gas Natural de Pampa de Melchorita. Esta estructura tiene tres componentes principales:

1. Personal de PERU LNG
2. Personal de Contratistas
3. Autoridades locales y regionales

Toda vez que el volumen de personal y contratistas se encuentra en un proceso de modificación (incrementándose conforme avanza el proyecto) y que el ámbito de aplicación de esta organización cubra una distancia considerable, la asignación de algunos cargos del organigrama dependerá de la disponibilidad del personal más cercano al evento. El Comandante de Incidente definirá estas asignaciones.

En la medida que se disponga de las personas (de la empresa o contratistas) y de acuerdo al tipo y proporción de la emergencia a enfrentar, los Jefes del Organigrama, deberán asignar a diversas personas para cubrir las responsabilidades y puestos restantes en la estructura.

El concepto general de la Organización de emergencia se basa en:

- La inmediata y eficiente respuesta inicial del personal (chofer y tripulación) de la unidad móvil involucrada.
- El apoyo secundario, eficiente y oportuno de contratistas y/o personal de la empresa, que se encuentre en la ruta, y
- El soporte complementario total (logística, prensa, médico, legal, etc.) desde las oficinas de Lima u otras locaciones en la ruta.

El nexo entre estos componentes será la comunicación que se mantenga a través del Centro de Control.

La estructura del organigrama del equipo de respuesta que soporta este Plan se adjunta en el **Anexo Q**.

En caso de generarse una Emergencia Nivel II o III, los principales funcionarios de PERU LNG denominados “Grupo de Soporte a la Crisis” podrán ser comunicados y reunidos en un ambiente preestablecido en las oficinas de Lima, como “Centro de Comando”.

D.2.1 Grupo de Soporte a la Crisis

Constituye el conjunto de funcionarios de máximo nivel de PERU LNG, que tendrán la responsabilidad de administrar y generar la estrategia a seguir en caso de una Emergencia Nivel II o III.

Para efectos de la notificación inicial, los componentes del grupo serán activados e informados por el Centro de Control de acuerdo al flujo de notificaciones detallado en el punto D1.4

Es responsabilidad de los componentes de este grupo acercarse al Centro de Comando en caso de una Emergencia Nivel III, o en caso en que el Comandante en la Escena requiera de su presencia.

Los datos generales para el contacto de los componentes de este grupo se adjuntan como **Anexo S**.

D.2.2 Centro de Comando

El Centro de Comando constituye un ambiente físico ubicado en las oficinas de COLP SAC. (Av. Víctor Andrés Belaunde 147, Vía real 185, Edificio Real 12- piso 2, San Isidro), normalmente utilizado como Sala de Reuniones, dispuesto y preparado para activarse como centro neurálgico de coordinación en caso de una Emergencia Nivel II o III, en la ruta.

Este ambiente estará equipado con todas las facilidades y accesorios que permita a los funcionarios de PERU LNG administrar la emergencia. En el **Anexo R** adjunto se detallan los requerimientos de este ambiente.

El responsable de mantener operativo el Centro de Comando es el Controlador del Plan de Contingencias, sin embargo para efectos de la implementación de la Sala de Reuniones, en caso de ocurrir una emergencia, se ha dispuesto al siguiente personal:

HORARIOS	RESPONSABLE	ALTERNO
L – V Horario de Oficina	Secretaria de recepción	Operador del C. de Control
Sábados/Domingos/Feriados	Operador del C. de Control	------
L – V Fuera del horario de Oficina	Operador del C. de Control	-------

Los Centros de Comando pueden variar dependiendo de la ubicación, del propósito, del administrador y de las actividades a desarrollarse. Desde estos lugares se efectuará el control y/o apoyo para la respuesta a una emergencia. Estos Centros de Comando son los siguientes:

Facilidad	Ubicación	Propósito	Actividades Clave
Puesto de Comando en el lugar	Próximo al lugar del evento (el Coordinador Operativo se ubica aquí).	Control de todo lo relacionado al evento en el lugar, excepto la seguridad pública.	Control y contención. Garantizar la seguridad del personal en el "lugar". Definir zonas de planeamiento de emergencia Establecer bloqueos y perímetros en zonas de planeamiento.
Centro de Operaciones de Emergencia	Oficina local en el lugar, base o campamento cercano.	Controla la totalidad del evento y proporciona soporte al Puesto de Comando en el Lugar. Controla actividades de comunicación inicial y evacuaciones.	Provee soporte logístico al Comandante en Escena y al Coordinador de Seguridad Pública. Vínculo con las autoridades del gobierno, de ser necesario: policía, poder judicial, ministerio público o de salud.
Centro de Comando de Incidente	Oficinas en Lima, (donde se encuentra el grupo de Soporte).	Asistencia y dirección al Comandante en Escena. Asistencia integral y dirección al personal de Respuesta.	Provee asistencia integral a la seguridad pública. Coordina apoyo técnico al personal en el campo. Coordina comunicaciones con el público y el gobierno.

D.3 Funciones y Responsabilidades de los Componentes de la Organización

En esta sección se describen los principales deberes de los miembros de la organización de emergencias de este documento.

Los componentes del organigrama se pueden desempeñar en dos escenarios diferentes, pero complementarios entre si:

- Los componentes del Grupo de Soporte a la Crisis.- El personal que pertenece a este grupo se ubicará en el Centro de Comando de Incidentes.
- Los componentes del Grupo de Respuesta en el Campo.

D.3.1 Comandante de Incidentes de PERU LNG

- Puesto a cargo del Gerente de Construcción del Proyecto; como alterno está el Sub Gerente General.
- Es el responsable de las medidas de control tomadas durante la emergencia.
- Convoca las posiciones del Grupo de Soporte a la Crisis, informándole y poniéndolo a la espera de ser convocado. Ordena la instalación del Centro de Operaciones de Emergencia, cuando este sea requerido por la magnitud del incidente.
- Asesora al Comandante en Escena General de la Emergencia.
- Verifica el nivel de emergencias y monitorea las actividades de respuesta efectuadas en campo.
- Evalúa continuamente la severidad de la situación y la potencialidad de su progreso a través de actualizaciones regulares. Asegura que el Coordinador Interno sea mantenido informado del estado de la emergencia y de las acciones tomadas al respecto.
- Decide cuándo solicitar ayuda externa, si los recursos propios disponibles en la zona fueran insuficientes.
- Asistente del Comandante en escena.
- Puesto a cargo del Asistente de Salud y Seguridad.
- Actuar como soporte inmediato del Comandante en escena.
- Preparar los materiales de documentación para el equipo y la emergencia.
- DOCUMENTAR todas las actividades y asegurar que los registros sean mantenidos y estén cronológicamente organizados.

D.3.2 Comandante en Escena de PERU LNG

- Puesto a cargo del Jefe Inspector del Proyecto que corresponde al lugar donde se produce la emergencia. Como alterno está el Gerente de Construcción correspondiente.
- Brinda el soporte técnico y especializado para el apoyo al Comandante de Incidentes y a los miembros del Grupo de Soporte a la Crisis.
- Reporta al Comandante de Incidentes.
- Monitorea las actividades tecnológicas, de ingeniería, geológicas, ambiente y seguridad llevados a cabo en el lugar de la emergencia.
- En consulta con el Comandante de Incidentes, delimitará las zonas de seguridad, según la magnitud del incidente.
- Registrará la secuencia de los sucesos que se desarrollen durante la contingencia.

- Asimismo, será responsable de la conservación (archivo) de los registros de las actividades durante una contingencia, y de toda la documentación relacionada con el plan.

D.3.3 Soporte Interno de PERU LNG

- Puesto a cargo del Gerente de Construcción del Ducto. Como alterno está el Gerente de Ingeniería.
- Constituye un soporte en políticas y decisión necesarias para el control del evento, apoyando y aconsejando al Comandante de Incidentes.
- Encargado de obtener los recursos corporativos de todas las áreas, y sirve de nexo entre el Comandante de Incidentes, la Gerencia de PERU LNG y la Gerencia del Contratista (si fuera el caso).
- Esta posición es sólo de coordinación y no tiene control de los recursos para la respuesta ante las contingencias que se presenten

D.3.4 Coordinador de Comunicaciones de PERU LNG

- El cargo lo asume la Gerencia General de PERU LNG.
- Brinda soporte y organización a las comunicaciones internas en curso.
- Toma contacto con las entidades gubernamentales y verificar que se realicen las notificaciones que por norma se requieran.
- Brindar información oficial actualizada a los medios de comunicación y prensa respecto al incidente, así como las acciones de comunicación establecidas.
- Coordina las comunicaciones con el público, los medios y con las dependencias del gobierno, y verifica que las notificaciones necesarias hayan sido enviadas de acuerdo a los plazos y términos correspondientes.

D.3.5 Administrador de PERU LNG

- Puesto a cargo del Asistente Administrativo de Salud y Seguridad, y como alterno el representante del Supervisor de Administración.
- Asistente del Comandante de Incidente en la toma de datos y registros reportados por el Comandante en Escena. Asimismo, se encarte de colocar los nombres del personal de respuesta dentro del cuadro estructural del Comando de Incidentes ubicado dentro del Centro de Comando de Incidentes.
- Apoya en el llamado de los diferentes puestos dentro del Grupo de Comando de Incidentes.
- Proporciona al Comandante de Incidentes el Plan de Contingencias y toda la información que este requiera dentro del Centro de Comando de Incidentes.

D.3.6 Soporte Legal de PERU LNG

- Puesto a cargo del Asesor Legal de PERU LNG.
- Coordina actividades de soporte legal.
- Identifica y provee al Administrador, con evaluaciones referidas a temas de exposiciones legales, implicaciones de responsabilidad en la emergencia y apoya en la revisión de las comunicaciones con los medios.

D.3.7 Soporte Logístico de PERU LNG

- Puesto a cargo del Coordinador de Construcción del Ducto y como alterno está el Gerente de Construcción de Planta.
- Coordina actividades de apoyo en transporte aéreo (helicópteros), apoyo de maquinaria o equipo pesado, y transporte de recursos (equipos, materiales y personal) hacia el lugar del la emergencia.
- Gestiona la obtención fondos para las actividades de respuesta a incidentes.

D.3.8 Salud y Seguridad Industrial de PERU LNG

- Puesto a cargo del Gerente de Salud y Seguridad y como alterno esta el Asesor de Salud y Seguridad.
- Recomendará al Comandante de Incidente las acciones de control a llevarse a cabo en el lugar de la emergencia, asegurándose que estas prioricen por sobre todo, la salud y seguridad del personal.
- En coordinación con el Coordinador de Seguridad Industrial en Escena, evaluará e identificará los riesgos existentes en el lugar de la emergencia, así como analizará y evaluará las acciones o actividades que se realicen identificando y valorando los riesgos.
- Proveerá los procedimientos de seguridad apropiados o las mejoras prácticas para asegurar el control de la emergencia.
- Recomendará los equipos y recursos necesarios para facilitar las operaciones de control de la emergencia.

D.3.9 Coordinador de Seguridad Industrial en Escena de PERU LNG

- Posición a cargo del Coordinador de Salud y Seguridad de PLNG y como alterno está el Técnico de Salud y Seguridad.
- En lo posible acudirá al lugar del incidente.
- Apoyará al Comandante Escena en las acciones de control de la emergencia, priorizando sobre todo la seguridad del personal involucrado en el incidente.
- Evaluará y determinará el nivel de la emergencia en coordinación con el Salud y Seguridad Industrial, de acuerdo a la información que obtenga del Comandante en Escena o de acuerdo a lo que observe (de ir al lugar del incidente).

D.3.10 Seguridad Física de PERU LNG

- Puesto a cargo del Gerente de Seguridad Física y como alterno está el Asesor de Seguridad Física.
- Identificará las zonas o rutas utilizadas por narcotraficantes o terroristas, y advertirá al Comandante del Incidente sobre los posibles riesgos.
- Coordinará con las fuerzas armadas (Ejercito, Fuerza Aérea y Marina) el apoyo externo que se requiera para facilitar las operaciones de búsqueda y rescate del personal involucrad con el proyecto.
- Solicitará el apoyo de la policía local (más próximo al incidente) a fin de custodiar y dar seguridad al personal involucrado con el proyecto.

D.3.11 Comandante de Incidente (de la Contratista)

- Puesto a cargo del Gerente de Proyecto del contratista. Como alterno está el Administrador del contrato. Como segundo alterno se asignará al funcionario de PERU LNG de más alto nivel en la ruta.
- Será responsable de implementar el Plan de Contingencias.
- Tomará el control y coordinará con el Coordinador Operativo.
- Dirige el manejo de la respuesta integral desde el Centro de Operaciones de Emergencia.
- Comunica al Comandante en Escena de todas las actividades de respuesta efectuadas.
- Determina si se requieren recursos de apoyo y los solicita al Comandante en Escena.
- Verifica el nivel de la emergencia o la reclasifica.
- Establece el apoyo del Grupo de Soporte de Crisis y solicita los consejeros y soporte técnicos necesarios para asistir en la respuesta.

D.3.12 Coordinador Operativo (de la Contratista)

- Puesto a cargo del responsable de Seguridad y Salud Ocupacional en el lugar o de un personal en ruta designado por el primero, debidamente capacitado para asumir las funciones. Esta función puede ser asumida en un primer instante por el responsable del vehículo involucrado.
- Implementará del Puesto de Comando en el Lugar, cuando este sea requerido por la magnitud del incidente. En ese lugar ubica su posición.
- Liderará las acciones de respuesta inicial en el lugar, convocando y empleando recursos propios y/o de apoyo externo disponibles de ser requerido.
- Evaluará y reclasificará el nivel de la emergencia.

D.3.13 Coordinador de Seguridad (de la Contratista)

- El puesto es asumido por una persona designada por el Comandante en Escena.
- Se ubica preferentemente en la escena.
- Verifica el número de involucrados en la escena.
- Verifica la atención realizada a los ocupantes del vehículo involucrado y residentes de la zona.
- De ser necesario, inicia las notificaciones y organiza las acciones de evacuación de la zona del evento y de terceros en riesgo.
- Asegura que los grupos de Bloqueo de Caminos (control de tránsito) ordenen y ejecuten las disposiciones necesarias para evitar riesgos, accidentes vehiculares o congestión en la ruta.
- Evalúa la situación y el alcance de los riesgos para la salud o integridad de las personas en el área de influencia del evento.

D.3.14 Coordinador Logístico (de la Contratista)

- Puesto designado por el Comandante de Incidente.
- Tendrá como principal función la adquisición oportuna de equipos y suministros para atender una emergencia.

- Es responsable de suministrar o coordinar oportunamente el envío de equipos, insumos, recursos humanos y servicios adicionales, necesarios en la escena.
- Supervisa la custodia y almacenamiento de los equipos y reserva de suministros adicionales que vayan llegando a la escena.
- Asesora al Comandante en Escena en lo relacionado con la obtención de recursos externos complementarios que se requieran para la respuesta.
- Coordina con los servicios locales el apoyo externo que se requiera para el control de las emergencias Nivel II y III.

D.3.15 Personal no Asignados en el Plan de Contingencias

- Cada Supervisor asignado en la ruta podrá asumir una o varias de las responsabilidades de este organigrama, en función a ser destacados a la escena por su cercanía y accesibilidad. En esos casos asumirá un rol de liderazgo en los puestos en que sea designado.
- Los Supervisores podrán apoyarse en personal y técnicos de las operaciones para realizar las funciones encomendadas.
- Será responsable de la seguridad del personal a su cargo, durante la emergencia.
- Preparará el informe de su participación de la emergencia dentro de las 24 horas de concluido el mismo.

D.4 Procedimientos de Respuesta a Emergencias (PRE)

Los PRE´s constituyen documentos de mejora continua que describe las acciones especificas de control que los choferes, tripulantes, personal del Centro de Control y personal de respuesta deberán de adoptar en forma prioritaria, utilizando los recursos disponibles, para mitigar y controlar una emergencia ocurrida con las camionetas en la ruta.

El desarrollo de los PRE´s se basa principalmente en los riesgos con mayor probabilidad de ocurrencia y en aquellos con baja probabilidad, pero que puedan ocasionar gran pérdida de equipos, propiedades, salud, afectación a las operaciones e imagen de la empresa.

Los PRE´s una vez desarrollados por escrito, preferiblemente con participación por los involucrados, asesores y/o expertos en el tema, deberán de incluirse en el capítulo correspondiente del Plan y difundirse a través de una actividad de capacitación.

Finalmente, en la medida en que se atiendan emergencias, se realicen simulacros (con sus respectivos análisis) o se ejecuten revisiones periódicas de este documento, los PRE´s deberán también ser mejorados o actualizados (se indicará el número de versión del documento) en función a los nuevos peligros y riesgos identificados en la ruta.

D.4.1 Prioridades de Atención y Respuesta durante un Accidente

Toda vez que la complejidad de la zona, los repentinos cambios del clima, la geodinámica del recorrido y la exposición a terceros es constante en todos los tramos de la ruta, la expectativa de los escenarios a predecir, es muy variable.

Cualquiera que fuera el caso o emergencia resultante, las prioridades de atención se basan en cumplir con los siguientes conceptos:

1. **PRIORIDAD A LA VIDA DE LAS PERSONAS**

   Sobre cualquier activo, material, equipo, de la empresa o de terceros.

2. **PRIORIDAD AL RESPETO DEL MEDIO AMBIENTE Y LAS COMUNIDADES**
3. **PRIORIDAD EN LAS NOTIFICACIONES**

Toda emergencia debe de ser notificada inmediatamente, pudiendo, en casos extremos, soportar una flexibilidad máxima de 30 minutos, en casos de priorizar la atención médica de heridos.

Ej. Aplicar triaje o primeros auxilios a heridos, antes de movilizarse para asegurar una mejor señal en el satelital.

4. **PRIORIDAD EN LA IMAGEN DEL PROYECTO**

El apoyo de PERU LNG durante emergencias encontradas en la ruta, debe priorizarse frente a cualquier otro objetivo rutinario, común y operativo de la camioneta involucrada; siempre y cuando cumpla con las condicionantes de seguridad descritas en el **Anexo E** PRCE 05.

Ej. Apoyar en la atención de accidente vehicular de terceros, frente a lograr los objetivos del día, del personal de la camioneta.

D.4.2 Procedimientos de Respuesta a Emergencias – PRE

Los PRE´s desarrollados y detallados en el **Anexo E** adjunto son:

	DESCRIPCIÓN DEL PRE	APENDICE
D4.2.1	Incendio en vehículo	PRE 01
D4.2.2	Atropello de peatón	PRE 02
D4.2.3	Enfermedad aguda del chofer	PRE 03
D4.2.3.a	Enfermedad aguda del tripulante	PRE 04
D4.2.4	Asalto / emboscada delictiva	PRE 05
D4.2.5	Volcadura / Despiste de vehículo	PRE 06
D4.2.6	Daño al vehículo por caída de rocas	PRE 07
D4.2.7	Atropello de ganado / animal doméstico	PRE 08
D4.2.8	Bloque de carreteras Involucrando a PERU LNG	PRE 09
D4.2.9	Bloque de carreteras NO Involucrando a PERU LNG	PRE 10
D4.2.10	Interrupción de la ruta por sismo	PRE 11

D4.2.11	Interrupción de la ruta por Huayco	PRE 12
D4.2.12	Interrupción de la ruta por Nieve / Helada	PRE 13

D.4.3 Procedimientos de Respuesta en Casos Especiales – PRCE

Para situaciones y escenarios no clasificados como emergencias, pero que debido a cambios en la severidad del clima, maniobras inadecuadas, exposición a terceros u otros condicionantes circunstanciales puedan derivar en ellas; se han establecido los Procedimientos para Casos Especiales – PRCE, más representativos de la ruta.

Los PRCE deberán tener los mismos lineamientos que los PRE´s, en cuanto a formato, redacción, implementación, difusión y revisión.

Los PRCE desarrollados y detallados en el **Anexo E** adjunto son:

	DESCRIPCIÓN DEL PRE	APENDICE
D4.3.1	Tormenta eléctrica	PRCE 01
D4.3.2	Neblina cerrada	PRCE 02
D4.3.3	Detención policial prolongada	PRCE 03
D4.3.4	Paso o vadeo de curso de agua	PRCE 04
D4.3.5	Apoyo social en caso de accidentes con terceros	PRCE 05
D4.3.6	Malestares debido a la altura	PRCE 06
D4.3.7	Desperfectos mecánicos que inmovilicen al vehículo	PRCE 07

E LISTA DE RECURSOS Y AUTORIDADES EN LA RUTA

E.1 Introducción

En el presente capítulo presenta una relación por Autoridades, relacionados a la ruta por donde circulan de las unidades de transporte liviano, respuesta de emergencia, salud pública o impacto ambiental generado. Se detallan cuales son sus funciones principales, organización, capacidades y teléfonos de contacto.

En el **Anexo F** se detalla el organigrama, funciones, y estructura operativa de los principales organismos de apoyo en la ruta. Esta información tiene el propósito de orientar al respondedor (personal de PERU LNG o de la Contratista que por su cercanía al lugar del incidente puede acudir y brindar su apoyo) conocer la organización interna de las principales instituciones de apoyo con que las operaciones de transporte liviano de PERU LNG, contará en casos de una emergencia en la ruta Lima – Pisco – Ayacucho.

TIPO	ORGANISMO / INSTITUCION	DETALLE DE LA INFORMACION
Recursos	POLICIA NACIONAL DEL PERU - PNP	Organización Gral.
	CUERPO GENERAL DE BOMBEROS VOLUNTARIOS DEL PERU - CGBVP	Organización Gral.
	MINISTERIO DE SALUD - MINSA	Organización Gral.
	LISTA RESUMEN DE RECURSOS EN LA RUTA	Por kilómetro (en Tabla dinámica)
Autoridades	MUNICIPALIDADES, GOBIERNOS LOCALES Y OTRAS ORGANISMO RELACIONADOS	Lista general
	ORGANISMO SUPERVISOR DE LA INVERSIÓN DE LA ENERGIA - OSINERG	Organización Gral.
	LISTA RESUMEN DE AUTORIDADES EN LA RUTA	Por kilómetro (en Tabla dinámica)

La información de este capítulo se resume en tres tipos de listas que agrupan la información más importante de contactos, teléfonos y ubicación por kilometraje.

En el **Anexo G**, se detallan los contactos telefónicos de las instituciones de primera respuesta en la ruta, tales como comisarías, hospitales y cuarteles de bomberos.

En el **Anexo H**, se detalla los contactos telefónicos de las principales autoridades en la ruta, tales como Defensa Civil y municipalidades.

En el **Anexo I**, se detalla la ubicación, por kilómetro de los recursos de soporte existentes en la ruta, tales como grifos, vulcanizadotas de llantas, talleres de mecánica automotriz, hoteles, teléfonos y otros.

F ANÁLISIS DE RIESGOS

F.1 Introducción

Este capítulo se ha extraído del documento "Análisis de Riesgo de la ruta Lima – Pisco – Ayacucho", desarrollado para determinar la vulnerabilidad de las operaciones de transporte con vehículos livianos de la empresa.

Los criterios de diseño de la matriz de riesgos utilizado para el Análisis de Riesgos se definen utilizando la fórmula de William T. Fine es decir ponderando dos factores: probabilidad y severidad. Por ello se utiliza la siguiente fórmula:

Riesgo = Probabilidad x Severidad

F.2 Matriz Generada Para El Análisis De Riesgos

La matriz que se utilizará para el Análisis de Riesgos en la Ruta resulta de unir las probabilidades de ocurrencia por los niveles de severidad. Así tenemos que resulta el siguiente cuadro:

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente	Ocasional	Remoto	Improbable
Catastrófico	Riesgo Extremo (9)	Riesgo Extremo (8)	Riesgo Alto (7)	* Riesgo Alto (6)
Crítico	Riesgo Extremo (8)	Riesgo Alto (7)	Riesgo Mediano (5)	Riesgo Mediano (5)
Moderado	Riesgo Alto (7)	Riesgo Mediano (5)	Riesgo Mediano (4)	Riesgo Bajo (3)
Menor	Riesgo Mediano (4)	Riesgo Bajo (3)	Riesgo Bajo (2)	Riesgo Bajo (1)

(*) Nota: Estos Riesgos altos podrían ser aceptables si el diseño, operación y manejo de los controles son consistentes con prácticas de manejo industriales, y no hay opción de costo-efecto para reducir el riesgo.

Si un riesgo se encuentra entre dos o más categorías, el nivel de riesgo seleccionado deberá reflejar la sensibilidad y prioridad de la empresa y la practica industrial.

Los números entre paréntesis nos indican el grado del riesgo en una escala de 1-9, para priorizar actividades/medidas de mitigación.

F.3 Niveles De Probabilidad

Los criterios de cada nivel se detallan en el siguiente cuadro:

Probabilidad de Ocurrencia
Frecuente
Se produce repetitivamente durante el desarrollo y ciclo de vida del proyecto, más de 1 vez al mes.
Ocasional
Se produce repetitivamente durante el desarrollo y ciclo de vida del proyecto, 1 vez entre 1-12 meses.
Remota
Se produce repetitivamente durante el desarrollo y ciclo de vida del proyecto, 1 vez entre 1-5 años
Improbable
No se espera que ocurra

F.4 Grados De Severidad

Grado de Severidad
Catastrofico Lesión Fatal e Incapacidad Total Permanente - ITP - (muerte - Chofer y ocupantes) Pérdidas de equipos, materiales (> US $100,000) Siniestro total del vehiculo (> 70%) Daños a terceros (> US $ 100,000) (Lesión Fatal o Lesiones con ITP a Transeuntes, Animales, vehículos motorizados - mototaxis, ticos combis, buses, camiones, tractores - no motorizados - triciclos, carretas, bicicletas)
Critico Lesiones físicas con Incapacidad Parcial permanente - IPP - (Chofer y ocupantes) Perdidas de equipos, materiales (US $ 30,000 - 100,000) Destrucción parcial del vehículo (50 - 70%) Daños a terceros (US $ 30,00 - 100,000) (Lesiones con IPP a Transeuntes, Animales, vehículos motorizados - mototaxis, ticos combis, buses, camiones, tractores - no motorizados - triciclos, carretas, bicicletas)
Moderado Lesiones físicas con Incapacidad Total Temporal - ITT (Chofer y ocupantes) Perdidas de equipos, materiales (US $ 10,000 - 30,000) Destrucción parcial del vehículo (20 - 50%) Daños a terceros (US $ 10,000 - 30,000) (Lesiones con ITT a Transeuntes, Animales, vehículos motorizados - mototaxis, ticos combis, buses, camiones, tractores - no motorizados - triciclos, carretas, bicicletas)
Menor Lesiones físicas leves y/o requieran Primeros Auxilios (Chofer y ocupantes) Perdidas de equipos, materiales (< US $ 10,000) Destrucción parcial del vehículo (< 20%) Daños a terceros (< US $ 10,000) (Lesiones leves y/o Primeros Auxilios a Transeuntes, Animales, vehículos motorizados - mototaxis, ticos combis, buses, camiones, tractores - no motorizados - triciclos, carretas, bicicletas)

G PROGRAMA DE CAPACITACION

G.1 Introducción

Los objetivos y alcances detallados en este Plan de Contingencias sólo se podrán cumplir en la medida que todos los involucrados hayan pasado por alguna o varias actividades de capacitación, que aseguren cumplir con el propósito de este documento.

G.1.1 Alcances del programa

Este capítulo ha sido desarrollado para atender a las necesidades de capacitación del personal de PERU LNG y contratistas.

G.1.2 Objetivos

Definir los tipos de actividades de capacitación necesarios para cada uno de los diferentes actores en el Plan de Contingencias para el Transporte Liviano. Cada actividad definirá el temario, duración, público objetivo, especificaciones técnicas (opcional), frecuencias, tipo de evaluación y re-entrenamiento.

G.1.3 Metodología y Certificación

El método a utilizar durante las capacitaciones deberá ser del tipo interactivo, lo que asegure la participación constante entre el instructor y los participantes. La realimentación es permanente.

Los cursos consistirán de charlas con gráficos, proyección de videos, discusión de experiencias, ejercicios prácticos y simulaciones aplicadas. El 100% de asistencia a los cursos y la aprobación de las evaluaciones teórico-prácticas merecerán la entrega de certificados de asistencia a cada participante.

G.1.4 Lista de cursos

Cada uno de los cursos descritos a continuación debe contar con un propósito, objetivos de desempeño y objetivos de capacitación. De esta forma, podrá evaluarse la calidad del programa de instrucción, el temario, así como el aprendizaje logrado por los participantes (objetivo de capacitación).

Cada curso de este programa tiene una especificación técnica adjunta, mismos que se detallan en el **Anexo M**.

a. Curso de inducción del Plan de Contingencias
b. Curso sobre Organización de Emergencias (procedimientos)
c. Curso sobre uso de extintores portátiles
d. Curso de Lucha Contra Incendio
e. Curso de Primeros Auxilios Básico
f. Curso de Primeros Auxilios Avanzado (opcional)
g. Curso de rescate con cuerdas – Nivel I (opcional)
h. Curso de Comando de Incidente

i. Curso sobre manejo defensivo

Algunos cursos OPCIONALES podrán ser implementados una vez que la planta esté terminada.

G.2 Programa anual de capacitación

Para que el presente Plan tenga validez es necesario cumplir con el siguiente programa anual de capacitación:

El principal objetivo del programa de instrucción es preparar a todo el personal que es parte de las operaciones de transporte liviano, en la ruta Lima – Pisco – Ayacucho.

Para ellos será necesario desarrollar un programa de capacitación en tres niveles:

1. A nivel empresarial:

   Dentro del cual se deberá de considerar varios segmentos:

   - Funcionarios en Lima FE E = empresa
   - Jefes y funcionarios en Planta JE
   - Brigadas en Planta BE
   - Personal de Vigilancia VE

2. A nivel de contratista:

   Dentro del cual se deberá de considerar varios segmentos:

   - Choferes y tripulación CC C = Contratista
   - Supervisores y técnicos SC
   - Funcionarios y gerentes FC

3. A nivel autoridades locales :

   Dentro del cual se deberá de considerar varios segmentos:

   - Autoridades y dirigentes AL L = Local

El resumen general de las actividades se presentará en un cronograma anual adjunto como **Anexo L**.

G.3 Programa anual de simulacros

Al año se debe realizar un simulacro inopinado, con movilización real de equipos y recursos, de acuerdo con una planificación de simulación en tiempo real, en cualquier parte de la ruta.

Los simulacros deberán de realizarse de acuerdo al cronograma detallado en el **Anexo N** adjunto, mismo que cumple con la siguiente frecuencia.

EMERGENCIAS NIVEL II	:	seis cada año (Cinco programados + Uno inopinado)
EMERGENCIAS NIVEL III	:	Una cada año (primeros dos años programados, siguientes años inopinados).

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ANEXO A

PERU LNG

ATTACHMENT A

REGISTRY SHEETS OF CHANGE

INSPECTOR'S DATA

Name and Surnames		
Position and area	:	
Change date	:	
Reason of the review		

DOCUMENT'S DATA

Name of the document	:	
No. of the document		
No. of page	:	

SAYS:

MUST SAY: *(separated sheets can be joined)*

Inspector Signature

Controller Signature

NOTE: This sheet must be given to the document Controller for its VB and implementation.

Format Nº 01

ANEXO B

ATTACHMENT B

DEFINITIONS

1. **Vehicle Incident:** All non-desired event generated by basic causes (Acts, unsafe conditions and/or natural phenomenon) that generate damage to the transport operations (damages to the vehicle, injuries to the people, active losses, social problems, etc.).

2. **Work Incident:** The one that happens to the Personnel in the execution of an employer's order. It is considered as Work Incident every violent or sudden event in the fulfillment of the functions that came of from and during the course of the work that causes damage and/or organic and functional injury to the Personnel, due to external causes or to the effort done by him and that originates temporary or permanent decrease in the work capacity or total disability or that causes his decease.

   It is considered Work Incident the one that happens to the Personnel in the execution of the employer's order even outside the place and work hours, as well as the one that happens before, during and in the work interruptions, if the Personnel Member is, a cause of reasons of work duties, satisfying basic physiologic needs in the work or in the EA premises.

   It is also considered as Work Incident, the one that happens by actions of third parties or of other member of the Personnel during work hours.

   It is also considered as Work Incident, the one that happens when the Personnel member is going to the work center or comes back from it, in transportation provided by the titular for this purpose.

3. **Environment:** Is the group of biotic and abiotic elements that interact in a determined space and time.

4. **Risk Analysis:** The study to evaluate the potential dangers and its possible consequences in an existing facility or in a project, with the purpose of establishing measures of prevention and protection.

5. **Incident:** All non-desired situation (natural or induced by man's hand) that can potentially generate negative consequences in the transport operations (damages, injuries, losses, social problems, etc.).

6. **Threat or danger:** All situation, phenomenon or condition that has the potential of causing damage and is inherent to the people, equipment, operations and environment of a system.

7. **Pollution**: Action that results of the introduction of pollutants to the environment.

8. **Probability:** Is the mayor or minor tendency to the occurrence of an emergency during the development of the transport operations on the route.

9. **Risk:** Possibility and level of probability that it occurs and emergency. It is measured based on the function to the Severity of the Threat or Danger an to the probability that it occurs.

10. **Exposure Meter:** Instrument to measure the content of Hydrocarbon gases in the environment.

11. **Spill:** Incidental pouring of fuel, toxic and/or dangerous substances in volumes, flows or concentrations that put in risk the health and environment.

12. **Emergency:** Partial or total disruption of the organization that can put in danger the continuity of the operations and that must require for its management, resources and different and/or superior procedures to the normally used by the facility, as well as the temporary modification (partial or total) of its organization to be able to attend it.

"The emergency situations use to be caused by events of accidental or non-accidental origin, and they could be of technical character as: fires, explosions, roll over, product leak, pollution, intoxications, damages to the equipments or goods, etc. They can also have as origin natural events such as: incident, mechanical problems, earthquakes, floods by rains. Finally, considering the events of social origin such as attacks, vandalism, fires, sabotages, etc.".

An Emergency presents any of the following characteristics:

- Interrupts or alters the route of the transport unit(s).
- Causes fatality or hospitalization of the transporters, habitants of cities or communities of the route.
- A spill, product leak or any other event that causes a risk and/or exceeds the standards of Health, Safety and Pollution of the valid National Legislation or of the transport operations of **PERU LNG**
- Evacuation Need by danger of explosion or pollution.
- Requires take of decisions of the Management.
- Attracts the press attention and general public.
- Assault, hostages and/or attacks with the transport units.

13. **Impact phase:** Period of time during which acts the disaster that origins the emergency.

14. **Environmental Impact:** Is the effect that the man's actions or natures cause in the natural and social environment. Can be positive or negative.

15. **Control:** Action of eliminating or limiting the development of a disaster, to avoid or minimize its consequences.

16. **Incident:** An undesirable event or occurrence that results in or has the potential to result in harm to people, environment, property/assets, or company reputation..

17. **Mitigation:** Actions developed during or after a disaster control that tends to counteract its critical effects and ensure the survival of the system, in the meanwhile it can be done the rehabilitation activities.

18. **Evacuation:** Planned action through the one each threaten person develop pre-established procedures to be save **by its own** through the movement to places of less risk..

19. **Rescue:** Actions throughout trained groups (external or the ones that belong to the company) remove the people that could not get out during the evacuation process).

20. **Emergency Organization Chart:** Flow of functions and responsibilities in which is based the Emergency Organization of a Company, to respond in a immediate and efficient way to a risk emergency. It is composed basically by the Incident Commander and support personnel.

21. **Incident Commander:** Is the maximum authority if the Emergency Organization Chart of **PERU LNG**. Manages and develops the strategy (Level II and III)

22. **Emergency Brigade:** For effect of the present Plan, this brigade is constituted by a group of personnel properly trained for the operative control o fan emergency outside the plant. This group will be lead by the Chief of the Brigade.

23. **Control Center:** Is a physical environment assisted 24 hours by prepared personnel with minor equipment and telephones, as well as with communication systems used by the company.

24. **Emergency Room:** It will work in the Conference Room of the Management (Administrative Offices). It will be properly equipped with logistic medias and of necessary communications to allow the operation of the Incident Command (minimum 2 telephones, copy of the Plan and Organization of **PERU LNG**, copy of other developed plans, general inventory of the plant, Map of the route, office's supplies).

25. **Contingency Plan:** That one that details the actions to carry out in case of emergencies, as a result of spills, leaks, fires, natural disasters, etc. It must include the following information:

    1. The respective organization and the procedure to control the emergency.
    2. Procedure to be follow to report the incident and establish Communication between the personnel in the place where the incident occurred, the executive personnel of the facility, OSINERGMIN, the DGH and other entities, as required.
    3. Procedure for the training of the personnel of the facility in Emergency and response techniques.
    4. General description of the operations area.
    5. List of the equipment's type to be used to face the emergencies.
    6. List of the contractor or persons that are part of the response organization, including medical support, other services and logistic.

26. **Document revision:** Process by which it is reviewed the partial document or totally, a cause of an event related to the scopes of it, such as the analysis of a real emergency, the results of a mock, the unexpected revision of a data or procedure by any member of the organization.

27. **INCIDENTS Examples:**

    - Fires.
    - Explosions.
    - Earthquakes.
    - Hydrocarbon's spills.
    - SIPI of chemical products.
    - Aerial disasters.
    - River disasters.
    - Earth disasters.
    - Epidemics/Massive poisonings.
    - Attacks/Sabotages.
    - Terrorist raids.
    - Situations of civil commotion, riots.

28. **First Aids:** Cares and immediate actions that must be provided to casualty, damaged or sick person, until receiving specialized medical attention in case it is required.

29. **Document Updating**: Process by which it is totally reviewed the document as result of a legal demand or because it has not been revisions in a determined period of time (minimum 6 months, maximum 12 months).

30. **Hazardous Materials**: Any substance that at the time it is released ills people, properties and the environment.

ANEXO C

ATTACHMENT C

NUMBER PLATE:

LIGHT TRANSPORT ROUTE SHEET

DRIVER INFORMATION

Name and Surnames	:	
ID	:	
Driver license / Type	:	
Cell No. / satellital	:	

VEHICLE INFORMATION

Vehicle brand	:	
Vehicle model	:	
Color / Year	:	
Description of the vehicle's load	:	

CREW INFORMATION

Name and Surnames	:		
ID	:		

Note: The maximum amount of crew member will be defines according to what is specified in the property card.

INFORMATION OF THE ROUTE

DAY 1

Departure location :
Hour and date :
Stop places :

Arrival location :
Hour :
Place to stay over :

DAY 2

Departure location :
Hour and date :
Stop places :

Arrival location :
Hour :
Place to stay over :

DAY 3

Departure location :
Hour and date :
Stop places :

Arrival location :
Hour :
Place to stay over :

DAY 4

Departure location :
Hour and date :
Stop places :

Arrival location :
Hour :
Place to stay over :

DAY 5

Departure location :
Hour and date :
Stop places :

Arrival location :
Hour :
Place to stay over :

DAY 6

Departure location :
Hour and date :
Stop places :

Arrival location :
Hour :
Place to stay over :

RESPONSIBLE OF THE TRANSPORT:

Must be one of the crew members or the driver

Note: A route sketch must be attached, indicating the rest stops and the daily stay over.

ANEXO D

ATTACHMENT D

LIST OF SAFETY EQUIPMENTS FOR LIGHT TRUCKS

MINIMUM OBLIGATORY EQUIPMENT

01	SPARE TIRE
01	JACK AND WRENCH
01	AIR COMPRESSOR OF 12 VOLTS
01	TIRE-PRESSURE GAGE
01	PORTABLE PIRATE LIGHT
01	COVER OF HOPPER PICK UP DOBLE CABIN
01	EMERGENCY LIGHT FOR HIGHWAYS (REFLECTOR)
01	TOOL BOX (flat screwdriver, star screwdriver, tongs, wrench, cutter, hummer, magnifying glass, mirror).
01	SET OF CABLES FOR ELECTRICITY (JUMP)
01	EXTINGUISHER PQS ABC OF 5 LBS. (Nominal weight); certification UL
01	LIST OF EMERGENCY TELEPHONES
02	SAFETY TRIANGLES
02	PAIR OF INDUSTRIAL GLOVES
01	FLASHLIGHT OF 3 BATTERIES
09	SPARE BATTERY
02	VEST WITH REFLECTIVE STRIPS
02	WOODEN WEDGES OF 15 CM HEIGHT AND 20 CM WIDTH
01	SLING / TOWING STRIP (minimum 6 MTS)
01	REFLECTIVE POSTERS OF "NOTIFY THE POLICE"
02	PAPER MARKERS
01	SMALL ROLL OF ADHESIVE TAPE

OPTIONAL EQUIPMENT ACCORDING TO SPECIAL CONDITIONS

01	SPARE TIRE (second)
01	SHOVEL FOR MUDD OR ALL TERRAIN
01	PICK FOR MUDD OR ALL TERRAIN
01	GPS
01	CERTIFIED METALLIC CONTAINER WITH FUEL
01	SURVIVAL BACK PACK (Food for 24 hours, thermic blanket, matches, candles)
01	ELECTRIC HOSTING ENGINE WITH 30MTS OF STEEL CABLE WITH HOOKS
01	DIGITAL PHOTOGRAPHIC CAMERA
01	HAND AXE
01	PLASTIC CONTAINER WITH 5 GALLONS OF WATER

PORTABLE FIRST AID KIT OF THE VEHICLES OF LIGHT TRANSPORT AND SUPPORT TRUCKS

The first aid kit must be a plastic suitcase (back pack type) of a strong color, signposted with pockets with zipper.

05	Sterile lint of 7.5 x 7.5 cm. to clean and cover the injuries or stop bleedings.
06	Compress (portion of a square, sterile lint, big enough (38 to 40cm) so it can be extended beyond the injury's edge)
12	Dressings of 13 x 8 Cm.
04	Elastic Bandages of 2 inches.
01	Elastic Bandages of 3 inches.
03	Triangular bandages of 40" x 40" x 56".
01	Adhesive bandages (Such as band aids), are useful to cover small injuries.
02	Stick for put down the tongue (To immobilize fractures or luxations of the fingers).
01	Plaster roll of 3"
01	Big package of cotton
01	Plastic flask with alcohol (100cc.).
01	Plastic flash with Savlón (100cc.).
10	Pair of latex gloves Nº 7 and 7.1/2.
01	Pocket flashlight with concentrated ray of light type pen.
01	Special scissor to cur clothes (Paramedic scissor)
01	KED (optional)
01	Cervical surgical collar (optional)
01	Pack of pneumatic ferrules (optional)
01	Metallic layette (optional)
01	Portable equipment of oxygen (optional)

IMMOVILIZATION EQUIPMENT
(RECOMMENDATION TO INSTALL IN THE PLANT)

04 Spinal board of polyethylene with foam inside with capacity of 250lbs., and must have a length of 72", width of 18" and width of 17 lb.

04 Pack of strips spider type with ten fix points to allow a complete immobilization in the spinal board (it is sold together with the board).

04 Locking device (2 pieces) of lateral standard heads compatible with the long spinal immobilization, the same that must include the two lateral blocks and a pair of strips for the head.

04 Pack of wooden quilted ferrules for immobilization of fractures in leg, arm, forearm and foot.

04 Cervical surgical collar for adult adjustable to all adult sizes.

04 Common wool blanket and two common twin sheets

FOR LOKKING AFTER THE AERIAL WAY

02 Portable and rechargeable oxygen equipment, with aluminum cylinder type "D", a pressure regulator 0-25 LPM, a nasal cannula, a face mask with reservoir and a case for transport it.

FOR BURNINGS

01 "Kit" for burnings Water Gel or similar, composed by the following compresses:

One	of 12 x 16"
One	of 8 x 18"
One	of 4 x 16

ANEXO E

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER 01

EVENT VEHICLE FIRE

APPLICATION

FIRE OR O ATTEMPT IN THE COMPANY'S VEHICLE
FIRE IN ANOTHER VEHICLE ON THE ROUTE (SOCIAL SUPPORT)

ACTIONS

1. IN CASE OF SMOKE GENERATION, BURNT SMELL OR BAD OPERATION OF SOME PART, STOP THE VEHICLE TO A SIDE OF THE WAY, DESCEND OF THE VEHICLE AND MAKE A METICULOUS REVIEW. IN ANY CASE NOTIFY TO THE CONTROL CENTER.
2. IN CASE OF DECLARED FIRE, PARK THE VEHICLE TO A SIDE OF THE WAY AND SIGNPOST IT WITH HELP OF THE CREW, IF POSSIBLE OPEN THE FUEL CAP, TRY TO REMOVE THE EXTINGUISHER AND THE VEHICLE DOCUMENTS (only if it does not compromise your safety).
3. IN CASE OF DECLARED FIRE IN THE ENGINE, AS PREFERENCE DO NOT OPEN THE HOOD. APPLY THE ASIGNED EXTINGUISHER OF PQS THOUGH THE LIGHT (gap between the hood and the mudguard). AFETER APPLYING THE PQS, OPEN THE HOOD USING GLOVES AND GLASSES.
4. USE THE ASIGNED EXTINGUISHER, USE EVENTUALLY SAND OR EATH WITH HELP OF A SHOVEL OR HANDS.
5. USE WATER (if available) TO EXTINGUISH THE RED-HOT-COAL THAT THE DRY CHEMICAL POWDER COULD HAVE NOT ELIMINATE IF THE FIRE HAS REACHED THE TIRES.
6. IF THE EXTINCTION EFFORTS ARE NOT ENOUGH OR IF THE CONDITIONS GENERATE HIGH RISKS TO THE PERSONNEL, MUT CONSIDER GO AWAY 20 MTS. OF THE VEHICLE. DO NOT ALLOW ANYONE TO GET CLOSER.
7. SIGNPOST THE DAMAGED VEHICLE WITH THE AVAILABLE ACCESORIES, OTHER CASE PUT ROCKS AT MORE THAN 50 MTS. ON THE ROUTE IN BOTH DIRECTIONS.
8. IF IT IS NOT POSSIBLE TO CONTROL THE FIRE, THE DRIVER OR CREW OF THE COMPANY MUST GO TO THE CLOSEST TOWN TO ASK FOR SUPPORT.

REQUIREMENTS

- PORTABLE EXTINGUISHER
- SIGNPOSTING ELEMENTS
- 5 GAL. CONTAINER OF WATER
- SHOVEL

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER 02

EVENT PEDESTRIAN'S RUN OVER

APPLICATION

RUN OVER OF A PERSON(S) ON THE ROUTE

ACTIONS

1. IN CASE OF NOT BEING ABLE TO AVOID A RUN OVER, INSURE THE SCENE AND PARK THE VEHICLE IN A SAFE PLACE.
2. DO A NOTIFICATION, BRIEF BUT IMMEDIATELY TO THE CONTROL CENTER, DEFINING THE ACCIDENT'S PLACE.
3. DESCEND IMMEDIATELY OF THE VEHICLE AND PROVIDE FIRST AIDS TO THE VICTIM USING THE FIRST AID KIT AND MAKING A PRIORITY THE BREATHING, CIRCULATION AND TOTAL IMMOBILIZATION.
4. IN CASES OF MULTIPLE RUN OVER (MANY PEOPLE) APPLY THE TRIAGE, MAKING A PRIORITY THE ATTENTION AND NOTIFY THE CONTROL CENTER. WILL PROCEED TO LAY DOWN THE VICTIM IN THE TRUCK'S HOPPER FOR ITS TRANSFER TO A CLOSE MEDICAL CENTER (AS PREFERENCE IN COMPANY OF A FAMILY MEMBER, FRIEND OF THE VICTIM OR OF A POLICE OFFICER OF THE PNP).
5. IF IT CAN BE OBTAINED SUPPORT OF THE FIREFIGHTERS OR OF SOME ENTITY PROVIDER OF HEALTH (CENTER, HOSPITAL, MEDICAL POST) DO IT IMMEDIATELY. THE CREW MUST HELP IN THE DIRECT NOTIFICATIONS WITH THE EXTERNAL SUPPORT AS WELL AS WITH THE SIGNPOSTING OF THE PARKED VEHICLE.
6. IT IS NOT ADVISABLE TO DO THE TRANSFER OF THE VICTIM IN RURAL DOBLE CABS TRUCKS, EXCEPT ORDER OF THE AUTHORITY (PNP).
7. REMEMBER THAT THE VICTIM MUST ARRIVE TO THE MEDICAL CENTER WITH THE SOAT FILING CART. THE DRIVER OR A CREW MEMBER OF THE COMPANY MUST ACCOMPANY THE VICTIM TO THE CLOSEST MEDICAL CENTER, EXCEPT ORDER OF THE AUTHORITY.
8. ONCE THAT THE INCIDENT IS UNDER CONTROL, INFORM IN DETAIL TO THE CONTROL CENTER ABOUT THE INCIDENT.
9. IF THE INJURY IS SLIGHT AND THE VICTIM DECIDES TO LEAVE THE PLACE, IT MUST BE REQUESTED O WAIT FOR THE AMBULANCE AND/OR POLICE ARRIVAL; TAKING THE VICTIM'S INFORMATION.
10. AVOID COMMENTARIES WITH OTHER PERSONS, VILLAGERS AND/OR WITNESSES.
11. AVOID DISCUSSIONS WITH THE FAMILY AND/OR PRESENT WITNESSES; PROVIDE UNCONDITIONAL SUPPORT TO THE VICTIM.
12. FULILL WITH ALL THE REGULAR PROCEDURES WITH THE AUTHORITY AND INSURANCES

RELATED TO THIS TYPE OF ACCIDENT.

13. IN CASES OF DAMAGES TO THE VEHICLE BEING IT NOT ABLE TO RUN, APPLY THE RPSC – 07.
14. IN CASES WHERE THE RUN OVER IS FATAL, DO NOT MOVE THE BODY UNTIL THE PROSECUTING'S ARRIVAL.

REQUIREMENTS

- FISRT AID KIT
- SINGPOSTING ACCESORIES

OBSERVATIONS

The tranport must be done in authorized vehicles, except in critical cases by police order.

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	ER	ER03
EVENT SERIOUS SICKNESS OF THE CREW MEMBER		

APPLICATION

1. SERIOUS ILNESS OF THE CREW MEMBER THAT REQUIRES URGENT MEDICAL ASSISTANCE.
2. INJURIES THAT REQUIRE URGENT MEDICAL ASSISTANCE.

ACTIONS

1. STOP THE VEHICLE OUTSIDE THE HIGHWAY AND STABILIZE THE SICK CREW MEMBER, INFORM THE CONTROL CENTER.
2. DRIVE THE VEHICLE TO THE CLOSEST TOWN (MOVING ON OR GOING BACK ON THE ROUTE).
3. THE SICK CREW MEMBER MUST BE REPLACED IN THE BACK SEAT OF THE CABIN AND PROVIDE CONFORT.
4. IF DURING THE DRIVE THROUGH IT IS OBSERVED ANY POLICE VEHICLE IT WILL BE NOTICED THROUGH SIGNS (LIGHTS, HORNS, GESTURES, ETC.) THAT THERE IS AN EMERGENCY AND THAT IT IS REQUIRED ITS HELP. IT WILL BE REQUESTED SUPPORT IN THE TRANSFER OF THE SICK MEMBER OF THE CREW TO THE HEALTH CENTER OF THE CLOSEST TOWN.
5. THE DRIVER MUT OFFER ALL THE NECESSARY SUPPOT SO THE CREW MEMBER IS ATTENDED IN THE HEALTH CENTER. IT COUL NOT GO AWAY OR LEAVE, UNTIL THE CONTROL CENTER INDICATES OTHERWISE.
6. A CONSTANT CONTACT WITH CONTROL CENTER WILL BE MAINTAINED PROVINDING THE REQUESTED INFORMATION.

REQUIREMENTS

- FIRST AID KIT

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER04

EVENT SERIOUS SICKNESS OF THE DRIVER

APPLICATION

1. SERIOUS SICKNESS OF THE DRIVER THAT REQUIRES URGENT MEDICAL ATTENTION
2. INJURIES THAT REQUIRE URGENT MEDICAL ASSISTANCE

ACTIONS

1. STOP THE VEHICLE OUTSIDE THE HIGHWAY AND IMMEDIATELY NOTIFY TO THE CONTROL CENTER AND REQUEST ANOTHER SUPPORT VEHICLE WITH 2 DRIVERS.
2. IF POSSIBLE, DRIVE SLOWLY TO THE CLOSEST TOWN (MOVING FORWARD OR GOING BACK ON THE ROUTE).
3. IF THE CREW MEMBER IS AUTHORIZED TO DRIVE, WILL CHANGE POSITIONS WITH THE DRIVER.
4. IF IT IS NOT POSSIBLE THAT THE DRIVER DRIVES, THE VEHICLE MUST BE PARKED PROPERLY OUTSIDE THE WAY.
5. THE PARKED VEHICLE MUST BE SIGNPOSTED (with help of the crew member).
6. IF DURING THE ROUTE IT IS OBSERVED ANY POLICE VEHICLE IT WILL BE NOTICED THROUGH SIGNS (LIGHTS, HONRS, GESTURES, ETC.) THAT THERE IS AN EMERGENCY AND THAT ITS HELP IS REQUIRED. IT WILL BE REQUESTED SUPPORT TO TRANSFER THE DRIVER TO THE HEALTH CENTER OF THE CLOSEST TOWN, LEAVING (if it is necessary) THE VEHCILE CLOSED, UNDER SAFEKEEPING OF THE PNP OFFICER.
7. IF POLICE SUPPORT IS NOT FOUND ON THE ROUTE, THE CREW MEMBER MUST REQUEST SUPPORT BY TELEPHONE AND/OR RADIO AND WAIT FOR THE INSTRUCTION OF THE CONTROL CENTER.
8. IN CASE OF CRITICAL SITUATIONS, THE CREW MEMBER MUST REQUEST SUPPORT TO THE VEHICLES ON THE ROUTE AND TRANSFER THE DRIVER TO THE CLOSEST HEALTH CENTER. THE VEHICLE WILL REMAIN CLOSED AND SIGNSPOSTED OUTSIDE THE WAY.
9. THE CREW MEMBER MUST MAINTAIN CONTACT WITH THE CONTROL CENTER.

REQUIREMENTS

- FIRST AID KIT
- BLANKET (EVENTUAL)
- 5 MINUTES INDUCTION TO THE CREW BEFORE EACH TRIP

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER05

EVENT ASSAULT/ CRIMINAL AMBUSH

APPLICATION

ASSAULTS OR AMBUSH AGAINST THE PARKED VEHICLE OR IN MOTION

ACTIONS

1. IN THE PRESENCE OF AN ASSAULT/ AMBUSH IMMINENCE AND WITHOUT OPTION OF A SAFE ESCAPE, PARK THE VEHICLE AND TURN OFF THE ENGINE.
2. **DO NOT OFFER** RESISTANCE TO THE CRIMINALS.
3. IF THE CRIMINAL WANT TO TAKE THE VEHICLE, GIVE THEM THE KEYS; TRY TO KEPP THE VEHICLE'S DOCUMENTS (TITLE CARD, SOAT, ETC.)
4. NOTICE AND MEMORIZE THE CRIMINALS FEATURES, AMOUNT, ARMAMENTS TYPE, COMMENTARIES BETWEEN AND THE WITHDRAWAL DIRECTION.
5. IN CASE OF BEING LEFT WITHOUT THE VEHICLE, APPROACH TO THE CLOSEST TOWN AND TRY TO COMMUNICATE WITH THE CONTROL CENTER OR CLOSEST AUTHORITIES.
6. INFORM IN DETAIL TO THE POLICE ABOUT THE EVENTS; TAKE NOTE OF THE PNP OFFCIER IN CHARGE.

REQUIREMENTS

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER 06

EVENT DAMAGE TO THE VEHICLE FOR ROLL OVER

APPLICATION

AFFECTATION TO THE VEHICLE OPERATION AND PERSONNEL DAMAGE BY ROLL OVER OR MIESLEAD

ACTIONS

1. IN CASE IT HAPPENS A TRANSIT ACCIDENT THAT CAUSES A ROLL OVER (laterization an/or roll over), TURN OFF THE VEHICLE'S ENGINE AND TRY TO GET OUT BY TOUR OWN MEANS.
2. IF THE DRIVER (crew members as alternative) IS IN GOOG HEALTH CONSITIONS, MUST VERIFY THE HEALTH CONDITIONS OF THE REST OF THE PERSONNEL, THE SAFETY IN THE SCENE (fuel spills, bringing together to slopes, etc.) AND MECHANICAL CONDITIONS OF THE VEHICLE.
3. IN CASE THERE IS INJURED PEOPLE, PROVIDE THE INITIAL MEDICAL ATTENTION, BASED ON THE RPE 03 AND 04. SUPPORT THE RESCUE PERSONNEL THAT REMAIN STILL INSIDE THE VEHICLE, AFTER STABILIZING THE VEHICLE WITH AVAILABLE LUMBERS AND ROCKS.
4. TRY TO COMMUNICATE WITH THE CONTROL CENTER AND INFORM ABOUT THE SITUATION. REQUEST SUPPORT TO OTHER VEHICLES ON THE ROUTE.
5. IN CASE OF A MISLEAD, TRY TO RETURN THE VEHICLE TO THE WAY, AS LONG AS IT DOES NOT AFFECT THE DRIVER'S SAFETY. USE SHOVELS, TOWING LANES AND WOODEN WEDGES TO STABILIZE AND RETUNR THE VEHICLE TO THE CARRIAGEWAY.
6. IN CASE OF ENDING IN A DANGEROUS SLOPE, DO NOT TRY TO ENTER OR MANEUVER THE TRUCK. JUST ENSURE IT WITH CABLES OR AVAILABLE WEDGES UNTIL THE ARRIVAL OF SPECIALIZED SUPPORT.
7. IF YOU ARE ABLE TO TURN A LATERIZED VEHICLE, ESTABLISH THE OPERATIVITY LEVELOF THE VEHICLE TO DECIDE MOVING FORWARD TO THE CLOSEST TOWN. IF THE CONDITIONS AFFECT THE CREW SAFETY, REMAIN PARKED AND REQUEST SUPPORT THROUGHOUT THE CONTROL CENTER. REQUEST SUPPORT TO OTHER VEHICLES ON THE ROUTE. DO NOT TRY RESCUE MANEUVERS IF THERE IS PRESENCE OF FUEL SPILL OR IF THE VEHICLE WORKS WITH GASOLINE.
8. AS SOON AS YOU ARRIVE TO A TOWN THAT HAS COMMUNICATION, INFORM THE CONTROL CENTER ABOUT THE SITUATION AND REQUEST SUPPORT.

REQUIREMENTS - Survival back pack - Wooden wedges - First aid kit - Shovels (optional) - Towing cables
OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER 07

EVENT DAMAGE TO THE VEHICLE BY ROCK FALLS

APPLICATION

AFFECTATION TO THE VEHICLE OPERATIVITY OR PERSONNEL DAMAGE, BY ROCK FALLS.

ACTIONS

1. IN CASE IT HAPPENS ROCK FALLS THAT IMPACT THE VEHICLE DURING THE ROUTE TRIP, PARKED THE VEHICLE IN A SAFE PLACE TO A SIDE OF THE WAY AND INSPECT THE PERSONNEL AND THE MECHANICAL CONDITIONS O THE VEHICLE.
2. IN CASE THERE IS INJURED PEOPLE, PROVIDE THE INITIAL MEDICAL ATTENTION BASED ON THE RPE 03 AND 04.
3. TRY COMMUNICATION WITH THE CONTROL CENTER AND INFORM ABOUT THE SITUATION.
4. IN CASE IT OCCURS THE FALL A CAUSE OF THE RAIN, STAY AWAY FROM SLOPES, UNSTABLE HILLS AND WATER COURSES.
5. ESTABLISH A OPERATIVITY LEVEL OF THE VEHICLE TO DECIDE TO MOVE FORWARD TO THE CLOSEST TOWN. IF THE CONDITIONS AFFECT THE CREW SAFETY, REMAIN PARKED AND REQUEST SUPPORT THROUGHOUT THE CONTROL CENTER. REQUEST SUPPORT TO OTHER VEHICLES ON THE ROUTE.
6. IN CASE OF CREAKING OF THE SIDE WINDOWNS OR REAR WINDSHILED TRY TO REMOVE COMPLETELY THE GALSS FRAGMENTS USING GLOVES OR SOME OTHER TYPE OF HANDS PROTECTION. CAN TRY THE RESTORATION OF THE BREAK USING FABRIC OR AVAILABLE PLASTIC BAG.
7. IN CASE OF DAMAGE TO THE FRONT WINDSHIELD, JUST RENEW THE DRIVING IF THE DRIVER HAS SAFETY GLASSES.
8. IN CASE OS STAYING TRAPPED ON THE ROUTE (BEWTEEN TWO ROCK FALLS) AND THERE EXIST CONTACT WITH THE CONTROL CENTER, INSPECT THE ZONE, STAY CALM AND REMAIN INSIDE THE VEHICLE UNTIL THE ARRIVAL OF THE RESCUE PERSONNEL OR HEAVY MACHINERY.
9. CONSULT WITH THE POLICE OR PERSON IN CHARGE OF RESTOING THE WAY, THE ESTIMATED TIME TO FINISH THE WORK.
10. ID THE REOPNEING OF THE WAY (TRAPPED BETWEEN OBSTRUCTIONS) WILL TAKE MORE THAT FOUR HORS OR IF THERE IS NOT CERTAINTY OF THE NECESSARY TIME AND THERE IS NO COMMUNICATION WITH THE CONTROL CENTER, CONSIDER THE POSSIBILITY OF LEAVING THE VEHICLE (LEAVING IT PROPERLY PARKED, SIGNPOSTED AND CLOSED). WALK TO A CLOSE TOWN OR NON-INTERRUPTED WAY.
11. TO APPLY THE NUMBER 7 CONSIDER, HOUR, WEAHTER, DISTANCE, POSSIBILITY OF DIVIDING THE CREW AND/OR OTHER CRITERION THAT AFFECTS THE SAFETY. USE THE

SURVIVAL BACK PACK.

12. AS SOON AS YOU ARRIVE TO A TOWN THAT COUNTS WITH COMMUNICAION, INFORM TO THE CONTROL CENTER ABOUT THE SITUATION AND REQUEST SUPPORT.

REQUIREMENTS

- Survivial back pack
- Plastics
- First aid kit
- Shovels
- Safety glasses

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER 08

EVENT RUN OVER OF LIVESTOCKS OR DOMESTIC ANIMALS

APPLICATION

RUN OVER OF LIVESTOCK, LOAD ANIMALS, FARM ANIMALS AND/OR DOMESTIC ANIMALS.

ACTIONS

1. IN CASE OF NOT BEING ABLE TO AVOID A RUN OVER, SECURE THE SCENE AND PARK THE VEHICLE IN A NEAR SAFE PLACE AND SIGNPOST IT.

2. DO AN INITIAL NOTIFICACION, BRIEF BUT IMMEDIATE TO THE CONTROL CENTER, DEFINING THE ACCIDENT'S PLACE.

3. DESCEND IMMEDIATELY OF THE VEHICLE AND TELL THE OWNERS AND/OR WITNESSES THAT YOU ARE SORRY ABOUT WHAT HEPPENED AND THAT THE OWNER WILL BE COMPENSATED (For fortuitous cases).

4. CHECK THE VEHICLE, DETERMINING THE MECHANICAL DAMAGES AND OPERATIVITY.

5. IF IT IS A FAR PLACE AND INHOSPITABLE CONSIDER (according to the condition) THE TRANSFER OF THE INJURES ANIMAL (ALIVE) TO A ZONE CLOSE TO THE OWNER'S HOUSE, ASKING AS PREFERENCE SUPPORT TO OTHER VEHICLES ON THE ROUTE, SPECIALLY TO VEHICLES WITH LARGE HOPPERS.

6. ONCE THE INCIDENT IS UNDER INITIAN CONTROL OF THE SCENE, INFORM IN DETAIL TO THE CONTROL CENTER ABOUT THE INCIDENT.

7. AVOID COMMENTARIES WITH OTHER PEOPLE, VILLAGERS AND/OR WITNESSES.

8. AVOID DISCUSSIONS WITH THE OWNERS AND/OR PRESENT WITNESSES, PROVIDE SUPPORT TO THE VICTIM.

9. FULFILL WITH ALL THE REGULAR PROCEDURES WITH THE AUTHORITY (IF DEMANDED) AND INSURANCES, RELATED TO THIS TYPE OF ACCIDENTS.

10. IN CASE OF DAMAGE TO THE VEHICLE AND IT CAN NOT MOVE ON, APPLY THE RPSC –07

REQUIREMENTS SIGNPOSTING ACCESORIES
OBSERVATIONS:

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER 09

EVENT STROKE OR BLOCK OUT OF THE HIGHWAY

APPLICATION

INTERRUPTION OF THE WAY BY SOCIAL PROBLEMS **DIRECTED** AGAINT PERU LNG

ACTIONS

1. IN CASE OF ARRIVING TO A BLOCK IN THE WAY WHERE NON-IDENTIFIES PEOPLE IS BLOCKING OUT THE PASS, DO NOT CONTINUE, MOVE BACKWARDS, TURN AROUND AND GO BACK TO THE CLOSES TOWN AND/OR AUTHORUTY.
2. DO NOT IDENTIFY YOURSELF AS PERU LNG PERSONNEL, HIDE FOTOCHECKS, DOCUMENTS AND/OR ANY COMPANY'S LOGO.
3. IN CASE OF RECEIVING THROWN OBJECTS, INCREASE OF THE VIOLENCE, BEING VICTIMS OF INSULTS AND/OR RECEIVING THREATS OF DIVERSE TYPE, DO NOT ANSWER OR ACT WITH VIOLENCE. GET AWAY OF THE AREA IMMEDIATELY.
4. IF DURING THE ESCAPE WINDOWS CRASHES ARE GENERATED, BY IMPACT OF BLUNT OBJECT, DO NOT STOP THE VEHICLE UNTIL FINDING A SAFE ZONE.
5. ASSIST LIKELY VICTIMS (CREW INSIDE THE TRUCK) AND INFORM TO THE CONTROL CENTER.
6. DO NOT SET IN MOTION UNTIL THE AUTHORITIES (POLICE OR TRANSPORT MINISTRY) AND CONTROL CENTER ORDERS THAT THE WAY IS CLEAR. PREVIOUS TO CONTINUE WITH THE TRIP, ONE OF THE DRIVERS MUST COVER THE AFFECTED AREA TO VERIFY THE TRANSIT CONDITIONS, WITHOUT THE CREW.

REQUIREMENTS

OBSERVATIONS

PERU LNG

PERU LNG **ROUTE: Lima–Pisco-Ayacucho**	**EMERGENCY REPONSE**	**ER 10**

EVENT STROKE OR BLOCK OUT OF THE HIGHWAY

APPLICATION

INTERRUPTION OF THE WAY BY SOCIAL PROBLEMS **NOT DIRECTED** AGAINT PERU LNG

ACTIONS

1. IN CASE OF ARRIVING TO A BLOCK IN THE WAY WHERE NON-IDENTIFIES PEOPLE IS BLOCKING OUT THE PASS, DO NOT CONTINUE, MOVE BACKWARDS, TURN AROUND AND GO BACK 200 MTS OVER THE HIGHWAY.
2. COMMUNICATE WIT THE CONTROL CENTER AND DETAIL THE SCENARIO CONDITIONS.
3. DO NOT IDENTIFY YOURSELF AS PERU LNG PERSONNEL, HIDE FOTOCHECKS, DOCUMENTS AND/OR ANY COMPANY'S LOGO.
4. WAIT TO THE AUTHORITY'S ARRIVAL TO CONTINUE OR FACILIATE THE PASS. COORDINATE WITH THE AUTHORITIES TO KNOW THE STATUS AND LEVEL OF HOW RADICAL THE DEMONSTRATORS ARE.
5. IF THE DETENTION IS GOING TO LAST MORE THAN TWO HOURS AND/OR THE WEATHER CONDITIONS AND HOUR (IT IS GETTING DARK) AFFECT THE CREW SAFETY GO BACK TO THE CLOSEST TOWN.
6. IN CASE OF RECEIVING THROWN OBJECTS, INCREASE OF THE VIOLENCE, BEING VICTIMS OF INSULTS AND/OR RECEIVING THREATS OF DIVERSE TYPE, DO NOT ANSWER OR ACT WITH VIOLENCE. GET AWAY OF THE AREA IMMEDIATELY.
7. IF DURING THE ESCAPE WINDOWS CRASHES ARE GENERATED, BY IMPACT OF BLUNT OBJECT, DO NOT STOP THE VEHICLE UNTIL FINDING A SAFE ZONE.
8. ASSIST LIKELY VICTIMS (CREW INSIDE THE TRUCK) AND INFORM TO THE CONTROL CENTER.
9. DO NOT SET IN MOTION UNTIL THE AUTHORITIES (POLICE OR TRANSPORT MINISTRY) AND CONTROL CENTER ORDERS THAT THE WAY IS CLEAR. PREVIOUS TO CONTINUE WITH THE TRIP, ONE OF THE DRIVERS MUST COVER THE AFFECTED AREA TO VERIFY THE TRANSIT CONDITIONS, WITHOUT THE CREW.

REQUIREMENTS

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER 11

EVENT INTERRUPTION OF THE ROUTE A CAUSE OF AN EARTHQUAKE

APPLICATION

INTERRUPTION OF THE WAY AS CONSEQUENCE OF AN EARTHQUAKE

ACTIONS

1. IN CASE IT HAPPENS AN EARTHQUAKE DURING THE ROUTE TRIP, PREVENT ROCK FALLS. IMMEDIATELY MOVE AWAY FROM TUNNELS AND BRIDGES AND PARK IN A SAFE PLACE UNTIL THE EARTHQUAKE AND ITS IMMEDIATE AFTERSHOCKS ARE OVER.
2. TRY COMMUNICATION WITH THE CONTROL CENTER AND TUNE IN TO A RADIO STATION TO KNOW THE EPICENTER AND THE EARTHQUAKE'S INTENSITY. WHILE YO DO NOT KNOW THIS INFORMATION, ASSUME THE WORSE CONDITIONS. REMEMBER THAT IN THESE SITUATIONS THE COMMUNICATIONS BY TELEPHONE ARE RESTRICTED FOR MANY HOURS.
3. STAY AWAY FROM LOW COAST ZONES, IN PREVENTION TO SWELLS AND/OR TSUNAMIS.
4. IF YOU CAN CONTINUE ON THE ROUTE, MOVE FORWARDS OR BACKWARDS TO THE ACCESSIBLE CLOSEST TOWN AND MAINTAIN OR TRY AGAIN COMMUNICATION WITH THE CONTROL CENTER.
5. IN CASE OF BEING TRAPPED ON THE ROUTE (BETWEEN TWO LANDSLIDES) AND THERE EXISTS CONTACT WITH THE CONTROL CENTER, STAY CALM AND REMAIN INSIDE THE VEHICLE UNTIL THE ARRIVAL OF RESCUE PERSONNEL OR HEAVY MACHINERY.
6. FIND OUT WITH THE POLICE OR PERSONNEL IN CHARGE OF RESTORING THE WAY, THE ESTIMATED TME TO FINISH THE WORK.
7. IF THE REOPENING OF THE WAY (TRAPPED BETWEEN LANDSLIDES) WILL TAKE MORE THAN FOUR HOURS OR IF THERE IS NO CERTAINTY OF THE NECESSARY TIME, CONSIDER THE POSSIBILITY OF LEAVING THE VEHICLE (LEAVING IT PROPERLY PARKED, SIGNPOSTED AND CLOSED) AND WALK TO A CLOSE TOWN OR NON-INTERRUPTED WAY.
8. TO APPLY THE 7 POINT CONSIDER HOUR, CLIMATE, DISTANCE, POSSIBILITY OF DIVIDING THE CREW AND/OR ANY OTHER CRITERION THAT AFFECT THE SAFETY. USE THE SURVIVAL BACK PACK.
9. ONCE YOU ARRIVE TO A COMMUNICATED TOWN, INFORM THE CONTROL CENTER ABOUT THE SITUATION AND REQUEST SUPPORT.

REQUIREMENTS - Survival back pack
OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER 12

EVENT INTERRUPTION OF THE ROUTE A CAUSE OF LANDSLIDES

APPLICATION

INTERRUPTION OF THE WAY AS CONSEQUENCE OF LANSLIDES OR MUDD SLIPS

ACTIONS

1. IN CASE IT HAPPENS A LANDSLIDE DURING THE ROUTE TRIP, GO AWAY IMMEDIATELY OF BRIDGES, WATER COURSES AND PARK IN A SAFE PLACE UNTIL THE LANDSLIDE IS OVER.
2. DO NOT TRY TO FORD A LANDSLIDE OR MUDD SLIPS, EVEN IF IT SEEMS OF LOW INTENSITY AND DEPTH.
3. TRY COMMUNICATION WITH THE CONTROL CENTER AND INFORM ABOUT THE SITUATION.
4. IN CASE OF REGISTERING INTENSE RAINS, STAY AWAY FROM SLOPES, UNSTABLE HILLS AND WATER COURSES.
5. IF YOU CAN CONTINUE ON THE ROUTE, MOVE FORWARDS OR BACKWARDS TO THE ACCESSIBEL CLOSEST TOWN AND MAINTAIN OR TRY AGAINN COMMUNICATION WITH THE CONTROL CENTER.
6. IN CASE OF BEING TRAPPED ON THE ROUTE (BETWEEN TWO LANDSLIDES) AND THERE EXISTS CONTACT WITH THE CONTROL CENTER, STAY CALM INSIDE THE VEHICLE UNTIL THE ARRIVAL OF RESCUE PERSONNEL OR HEAVY MACHINERY.
7. FIND OUT WITH THE POLICE OR PERSONNEL IN CHARGE OF RESTORING THE WAY, THE ESTIMATED TME TO FINISH THE WORK.
8. IF THE REOPENING OF THE WAY (TRAPPED BETWEEN LANDSLIDES) WILL TAKE MORE THAN FOUR HOURS OR IF THERE IS NO CERTAINTY OF THE NECESSARY TIME, CONSIDER THE POSSIBILITY OF LEAVING THE VEHICLE (LEAVING IT PROPERLY PARKED, SIGNPOSTED AND CLOSED) AND WALK TO A CLOSE TOWN OR NON-INTERRUPTED WAY.
9. TO APPLY THE 7 POINT CONSIDER HOUR, CLIMATE, DISTANCE, POSSIBILITY OF DIVIDING THE CREW AND/OR ANY OTHER CRITERION THAT AFFECT THE SAFETY. USE THE SURVIVAL BACK PACK.
10. ONCE YOU ARRIVE TO A COMMUNICATED TOWN, INFORM THE CONTROL CENTER ABOUT THE SITUATION AND REQUEST SUPPORT.

REQUIREMENTS

- Survival back pack

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	EMERGENCY REPONSE	ER 13

EVENTO INTERRUPTION OF THE ROUTE A CAUSE OF SNOW/ FROST

APPLICATION

INTERRUPTION OF THE WAY AS CONSEQUENCE OF SNOW FALL OR FROST

ACTION

1. IN CASE IT HAPPENS A SNOWFALL OR INTENSE FROST, SPEED DOWN IN PREVENTION TO ACCIDENTS. AVOID DRIVING BY BLOCKS WIITH MANY CURVES AND SLOPES.
2. TRY COMMUNICATION WITH THE CONTROL CENTER AND INFORM ABOUT THE SITUATION.
3. IF THE CLIMATE GETS WORSE, MOVE FORWARD OR BACKWARDS TO THE ACCESSIBLE CLOSEST TOWN AND MAINTAIN OR TRY AGAING COMMUNICATION WITH THE CONTROL CENTER.
4. IF THE DRIVING BECOMES TOO RISKY, PARK THE VEHICLE IN A SAFE PLACE, SIGNPOST IT AND REMAIN INSIDE THE VEHICLE UNTIL THE BAD WEAHTER IS OVER. DO NOT TURN OFF THE VEHICLE. (Consider fuel level).
5. IN CASE OF SPENDING THE NIGHT ON THE ROUTE, TRY GETTING CLOSER TO COUNTRY HOUSES ADJACENT TO THE ROUTE. REQUEST FOR EMERGENCY SHELTER.
6. IN CASE OF BEING TRAPPED ON THE ROUTE (SNOWFALL) AND THERE EXISTS CONTACT WITH THE CONTROL CENTER, STAY CALM INSIDE THE VEHICLE UNTIL THE ARRIVAL OF RESCUE PERSONNEL OR HEAVY MACHINERY. OTHERWISE APPLY POINT 5.
7. FIND OUT WITH THE POLICE OR PERSONNEL IN CHARGE OF RESTORING THE WAY, THE ESTIMATED TME TO FINISH THE WORK.
8. IN THESE CONDITIONS, STAY INSIDE THE VEHICLE AND/OR EMERGENCY SHELTER. USE THE SURVIVAL BACK PACK. DO NOT WALK BY THE ROUTE..
9. ONCE THE TRANSIT IS RESTORES, INFORM THE CONTROL CENTER ABOUT THE SITUATION AND REQUEST SUPPORT.

REQUIREMENTS

- Survival back pack

OBSERVATIONS

PERU LNG

PERU LNG RUTA: Lima–Pisco-Ayacucho	RESPONSE PROCEDURE FOR SPECIAL CASES - R.P.SC.	RPSC 01

EVENT ELECTRIC STORM WITH OR WITHOUT RAIN

APPLICATION

RISK ON THE WAY AS CONSEQUENCE OF AN ELECTRIC STORM

ACTION

1. IN CASE IT HAPPENS AN ELECTRIC STORM (Characterized by fall of lightning, generation of flashes and thunders) TRY TO COMMUNICATE WITH THE CONTROL CENTER AND INFORM ABOUT THE SITUATION.
2. REDUCE SPEED, SLOW DOWN THE RADIO AERIAL AND STAY ALERT TO TREES FALLS, ELECTRIC WIRES AND/OR FORMATION OF WATER PUDDLES AND SMALL WATER COURSES THAT GO THROUGH THE ROUTE.
3. REMEMBER THAT MANY ELECTRIC STORMS ARE PRODUCES WITHOUT THE NEED OF RAIN PRESENCE.
4. IF THE WEATHER GET WORSE AND THE DRIVING BECOMES TOO RISKY, GO TO THE CLOSEST TOWN, PARK THE VEHICLE OUTSIDE THE ROUTE IN A SAFE PLACE AND TRY AGAIN THE COMMUNICATION WITH THE CONTROL CENTER.
5. IN CASE OF STOPPING OR PARKING THE VEHICLE ON THE ROUTE (ex. By mechanical problems), STAY AWAY FROM TREES, HEIGH PLACES, DO NOT GO DOWN OF THE VECHICLE AND CLOSE THE WINDOWS.
6. REMEMBER THAT THE VECHICLE CONSTITUES A SAFE PLACE, IN CASE OF LIGHTNING FALLS.

REQUIREMENTS

- Survival backpack

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	RESPONSE PROCEDURE FOR SPECIAL CASES - R.P.S.C.	RPSC 02

EVENT CLOSED FOG

APPLICATION

RISK IN THE WAY AS CONSEQUENCE OF A CLOSED FOG

ACCIONES

1. IN CASE A CLOSED FOG IS GENERATED, REDUCE SPEED AND TURN ON THE LIGHTS FOR FOG IN PREVENTION TO ACCIDENTS. AVOID DRIVING THROUGH BLOCKS WITH MANY CURVES AND SLOPES.
2. REPORT THE SITUATION TO THE CONTROL CENTER.
3. REMEMBER THAT THE FOG ZONES ARE MOST OF THE TIME SIGNPOSTED BY THE MTC. IF THE WEATHER GETS WORSE OUTSIDE SIGNPOSTING AREAS OR IF THE DRIVING BECOMES TOO RISKY GO TO THE CLOSEST TOWN, PARK THE VEHICLE OUTSIDE THE ROUTE, INA SAFE PLACE, SIGNPOST IT AND TRY AGAIN THE COMMUNICATION WITH THE CONTROL CENTER.
4. DO NOT STOP OR HALT THE VEHICLE IN THE MIDDLE OF THE HIGHWAY.
5. IN CASE OF PASSING THE NIGHT ON THE ROUTE, TRY TO GET CLOSE TO THE TOWNS WITH HOTELS, JUST IN CRITICAL CASES GET CLOSER TO COUNTRY HOUSES ADJACENT TO THE ROUTE, REQUEST EMERGENCY SHEKTER AND/OR DEPENDING OF THE WEATHER, PASS THE NIGHT INSIDE THE VEHICLE (CONSIDER RECOMMENDATIONS OF THE FOURTH POINT).

REQUIREMENTS

- Survival backpack

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	RESPONSE PROCEDURES FOR SPECIAL CASES R.P.S.C	RPSC 03

EVENT PROLONGED POLICE DETENTION OR WITHOUT MOTIVE

APPLICATION

1. DETENTION CASES TO VERIFYING DOCUMENTS
2. DETENTION CASES A CAUSE OF TRANSIT INFRINGEMENT

ACCTIONS

1. IF THE DETENTION IS PRODUCED ON THE HIGHWAY, ONE WILL PROCEED TO PARK OUTSIDE THE WAY IN A SAFE PLACE.

2. IT WILL BE PROVIDED ALL THE DOCUMENTS AND REQUESTED INFORMATION, OFFERING THE MAJOR EASINESS TO THE AUTHORITY.

3. IF THE DRIVER WERE NOTIFIED THAT THE VEHICLE HAS CAPTURE ORDER, IT WILL BE INFORMED TO THE CONTROL CENTER ABOUT THE EVENT.

4. IF THE PNP FORCE INDICATES THAT THE VEHICLE MUST GO TO THE CLOSEST POLICE OFFICE, THE DRIVER MUST OBEY AND WILL INFORM TO THE CONTROL CENTER.

5. THE DRIVER MUST REJECT ANY WAY OF ILLICIT SUPPORT TO RESOLVE THE POLICE EVENT.

6. FOR CASES OVER 30 MINUTES OR IN CASES OF POLICE ABUSE, IT WILL BE REQUESTED SUPPORT THROUGH THE CONTROL CENTER, HAVING TO INDICATE THE EXACT LOCATION, NAME OF THE POLICE OFFICER, LOCATION OF THE POLICE OFFICE AND AVAILABLE TELEPHONE.

REQUIREMENTS

- DRIVER LICENSE
- PROPERTY CARD
- DOCUMENTATION OF THE LOAD / PERSONNEL / EQUIPMENT
- ROUTE SHEET

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	PROCEDURES FOR SPECIAL CASES R.P.S.C.	RPSC 04

EVENT PASS OR FORD OF WATER COURSE

APPLICATION

NEED OF FORDING A WATER COURSE THAT GOES THROUGH THE HIGHWAY.

ACTIONS

1. INITIALLY, IT MUST BE AVOIDED THE WATER COURSE.
2. IT IS INDISPENSABLE TO FORD A GULLY OR RIVER, THE DRIVERS WILL DECIDE IF IT IS SAFE TO DO IT. TO MAKE THE DECISION MUST PARK AND WAIT THAT THIRD PARTIES VEHICLES (OF SIMILAT CHARACTERISTICS) CROOS, WATCHING IF THE CONDITIONS OFFER SAFETY.
3. IF THE SAFETY CONDITIONS ARE UNCERTAIN YOU MUST **NOT** CROSS THE BED.
4. AS REFERENTIAL DATA, THE BED'S WIDTH OF THE WATER COURSE MUST BE BIGGER THAN 2 MTS AND THE DEPTH BIGGER TO THE TIRE'S RADIO.
5. INFORM TO THE CONTROL CENTER ABOUT THE EVENT AND THE TAKEN DECISIONS.
6. IN EXTREME CASE (CONTINUOUS COURSE, DEPTH BIGGER TO THE TIRE'S RADIO), RETOURN TO THE CLOSEST TOWN AND NOTIFY THE CONTROL CENTER.
7. AS POSSIBLE, CONTACT THE POLICE OF DEPENDENCY OF THE TRANSPORT MINISTRY REQUESTING SUPPORT.

REQUIREMENTS

OBSERVATIONS

PERU LNG

PERU LNG RUTA: Lima–Pisco-Ayacucho	RESPONSE PROCEDURES FOR SPECIAL CASES R.P.S.C.	RPSC - 05

EVENT SOCIAL SUPPORT IN CASE OF ACCIDENTS TO THIRD PARTIES

APPLICATION

LIMITED SUPPORT TO THIRD PARTIES VECHICLES AND PEDESTRIANS IN CASE OF FIRE, VEHICLE ACCIDENTS, RUN OVERS, MISLEADS OR ROLL OVER ON THE ROUTE.

ACTIONS

1. IN CASE OF WITNESSING OR ARRIVING TO AN ACCIDENT ON THE ROUTE, LA POLICY OF GOOD NEIGHBOR OF PERU LNG, FORCES TO OFFER A LIMITED SUPPORT TO THE ONES INVOLVED IN THE SCENE.
2. THE SUPPORT TO OFFER WILL BE LIMITED ACCORDINT TO THE EXPOSITION LEVEL THAT TGE SCENE CAN GENERATE AGAINST THE VECHICLE, DRIVER, CREW AND GOOD IMAGE OF THE COMPANY.
3. UNDER ANY CONDITION IT WILL BE PROVIDED SUPPORT WHEN THE SCENE PRESENTS VIOLENCE OF ANY TYPE. (Civil commotion, vandalism, strokes or stoppages, lynching, legal lawsuits, presence of persons in ethyl state, fights, etc).
4. IN SCENES RELATED TO FIRE, THE SUPPORT WILL BE LIMITED TO OFFER SUPPORT WITH AN EXTINGUISHER, A WATER CONTAINER. UNDER ANY CIRCUMSTANCE IT WILL MANIPULATE OR DI MANEUVERS WITHOUT THE ADEQUATE PPE.
5. IN SCENES WITH PRESENCE OF INJURED PEOPLE THE SUPPORT WILL BE LIMITED TO OFFER THE INPUTS OF THE PORTABLE FIRST AID KIT, TRIAGE, AND APPLICATION OF THE "ABC" OF FIRST AIDS.
6. UNDER ANY CIRCUMSTANCE IT WILL BE DONE ANY TRANFER OF INJURED PEOPLE IN THE COMPANY'S TRUCKS, WITH EXCEPTION OF A DIRECT ORDER OF A PNP OFFICER (THE DRIVER MUST TAKES NOTES OF THE OFFICER'S NAME) OR BY HUMANITARY REASONS IN CASE OF HIGH GRAVITY AND URGENT NEED OF MEDICAL ATTENTION OF THE VICTIM.
7. IN CASE OF VECHICLE ACCIDENTS, MISLEAD AND/OR INTERRUPTION OF THE WAY, OR OTHERS ONE COULD COLLABORATE WITH LOAN OF BASIC EQUIPMENT ASSIGNED TO THE TRUCK (shovel, towing cable, wedges, etc). INSOFAR THAT IS DOES NOT GENERATE A DELAY THAT MAKE THE DRIVER ARRIVE TO THE DESTINATION (OF THE DAY) IN NIGHT HOURS AND BY A MAXIMUM OF TWO HOURS.
8. IN ALL THE CASES THE CREW AND THE DRIVER WILL COLLABORATE IN THE ACCIDENT NOTIFICATION TO THE AUTHORITIES IN A DIRECT WAY THROUGH THE CONTROL CENTER.

REQUIREMENTS
• BASIC ASSIGNED EQUIPMENT
OBSERVATIONS
The transport must be done in authorized vehicles, except in critical cases or police indication.

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	RESPONSE PROCEDURES FOR SPECIALS CASES R.P.S.C.	RPSC 06

EVENT SICKNESS OF THE DRIVER OR MEMBERS OF THE CREW DUE TO HEIGHT

APPLICATION

1. HEIGHT SICKNESS OF THE DRIVER OR MEMBER OF THE CREW THAT REQUIRES MEDICAL ASSISTANCE

ACTIONS

1. STOP THE VECHICLE OUTSIDE THE HIGHWAY IN A SAFE PLACE AND SIGNPOST PROPERLY, IF IT IS POSSIBLE, TAKE VITAL SIGNS TO DETERMINE THE GRAVITY OF THE SICK PERSON.
2. IN CASE OF BEING A CREW MEMBER, AND ITS CONDITION DESERVES TREATMENT, THE DRIVER SHOULD MOVES ON OR AS PREFERENCE WILL GO BACKI (To the coast) UNTIL ARRIVING TO A TOWN WITH MEDICAL ASSISTANCE AND TERAPY WITH OXYGEN.
3. THE INCIDENT MUST BE REPORTED TO THE CONTROL CENTER.
4. IN CASE THAT THE DRIVER IS THE ONE SICK AMD THE CREW MEMBER IS IN CONDITION TO DRIVE, THE ROLES WILL BE CHANGED AND THE POINT 3 WILL BE FULFILLED.
5. IF THE CREW MEMBER CAN NOT REPLACE THE DRIVER, IT WILL BE REQUESTED SUPPORT TO THE CONTROL CENTER, WITH THE PURPOSE OF SENDING ANOTHER VEHICLE WITH TWO AUTHORIZED DRIVERS TO REPLACE THE SICK ONE.
6. IF DURING THE WAIT TO THE SUPPORT (sent by the control center) IT IS OBSERVED THE PASS OF A POLICE VEHICLE, THROUGH SIGNS IT MUST BE ALERTED (LIGHTS, CLAXON, GESTURES, ETC) THAT THERE IS AN EMERGENCY AND THAT IT HELP IS REQUIRED. IT WILL BE REQUESTED THE TRANSFER OF THE SICK DRIVER TO THE HEALTH CENTER OF THE CLOSEST TOWN (as preference the lowest one), INFORMING THE CONTROL CENTER OF WHAT HAPPENED.
7. THE CREW MEMBER WILL STAY INSIDE THE TRUCK WAITING TO THE SUPPORT SENT BY THE CONTROL CENTER.
8. IN THE CASE THAT THE INCIDENT IS PRODUCED IN NOON HOURS AND WITH THE SURENESS THAT THE SUPPORT WILL ARRIVE IN NIGHT HOURS, IT WILL BE REQUESTED SUPPORT TO THE POLICE OFFICERS TO DRIVE THE COMPANY'S TRUCK TO A SAFE PLACE, PARK IT AND SIGNPOST IT. THIS EVENT MUST BE INFORMED TO THE CONTROL CENTER.

REQUIREMENT

OBSERVATIONS

PERU LNG

PERU LNG ROUTE: Lima–Pisco-Ayacucho	RESPONSE PROCEDURES FOR SPECIAL CASES R.P.E.C.	RPEC 07

EVENT DAMAGE THAT INMOBILIZES TEMPORARY THE VEHICLE

APLICATION

1. DAMAGES IN THE VEHICLE
2. DAMAGES IN THE HIGHWAY
3. INESTABILITY OF THE LOAD IN THE HOPPER

ACCTIONS

1. TRY TO LOCATE THE VEHICLE OUTSIDE THE CARRIAGEWAY IN A SAFE PLACE. IF IT IS NOT POSSIBLE TO REMOVE COMPLETELY THE VEHICLE OF THE CARRIAGEWAY IT WILL BE PROCEED TO PLACE THE SIGNS ELEMENTS AT 75 MTS OF DISTANCE IN BOTH DIRECTIONS.
2. IF IT IWAS POSSIBLE TO REMOVE COMPLETELY THE VEHICLE FRON THE CARRIAGEWAY, IT WILL BE PROCEED TO PLACE THE SIGN ELEMENTS AT 50 MTS OF DISTANCE IN BOTH DIRECTIONS.
3. INMOBILIZE THE VEHICLE WITH WEDGES IN TWO WHEELS.
4. THE DRIVER WILL WEAR A REFLECTIVE VEST.
5. PROCEED TO DO THE CORRESPONDING REPARATION, AVOIDING INVADING THE CARRIAGEWAY AS POSSIBLE. WHILE ONE OF THE DRIVERS REPAIRS THE DAMAGE, THE CREW MUST WATCH THE ROAD DOING SIGNS WITH ONE OF THE PROVIDED PADDLES WHEN OTHER VEHICLES APPROACH.
6. PREPARE FOR NIGHT SIGNING, IN CASE OF IRREPARABLE CONDITIONS IN SHORT TIME.

INFORM TO THE CONTROL CENTER ABOUT THE DELAY IN THE TIME SCHEDULES.

REQUIREMENTS

- SIGNING ELEMENTS. (buoys, triangles)
- REFLECTING VESTS (DAY OR NIGHT)
- MECHANIC EQUIPMENT AS SUPPORT (Jack, wedges, spare tires, wedges, tools)

OBSERVATIONS

ANEXO G

POLICE STATIONS

PERU LNG

DPTO	PROVINCE	DISTRICT	POLICE STATION - NATIONAL POLICE	ADDRESS
LIMA	CAÑETE	SAN VICENTE	581-2083 / 581-2024	PLAZA SAN MARTIN 236
LIMA	LIMA	LURIN	430-2002 761/547	
LIMA	LIMA	LURIN	430-0772 / 430-0859	PLAZA DE ARMAS S/N
LIMA	LIMA	LURIN	430-0804	BOLÍVAR S/N
LIMA	LIMA	LURIN	475-2390	CALLE 22 115 URB. CÓRPAC
ICA	ICA	ICA	257203/ 229388	ANDRES A. CACERES S/N
ICA	PISCO	PISCO	542156 / 543071	AV. SAN MARTIN NORTE 126
ICA	PISCO	PISCO	532165	BEATITA DE HUMAY CDRA.3
ICA	PISCO	PISCO	532083 / 532884 / 535343	CA SAN FRANCISCO 139 CERCADO, PISCO
ICA	PISCO	PISCO	536467	AV T. AMARU MZ.36 LT.10
ICA	PISCO	PISCO	543071	PANAM SUR KM.227.800
ICA	PISCO	PISCO	545076	MZ.F LT.2 URB. SECTOR CHACOS
ICA	CHINCHA	CHINCHA ALTA	261-261 / 262458	AV. LUIS GALVEZ CHIPOCO S/N
ICA	CHINCHA	CHINCHA ALTA	261391 / 261961	CL LUIS GÁLVEZ CHIPOCO 230
ICA	CHINCHA	CHINCHA ALTA	262472 / 266374	PR JUNÍN S/N
ICA	CHINCHA	CHINCHA ALTA	262817	BENAVIDES Y SN.MARTIN DE PORRES P.NVO
ICA	CHINCHA	CHINCHA ALTA	266481	AV SIMON BOLIVAR 1152
ICA	CHINCHA	CHINCHA ALTA	266484	PZA.DE ARMAS 136
ICA	CHINCHA	CHINCHA ALTA	271295	PLAZA DE ARMAS
HUANCAVELICA	HUANCAVELICA	HUANCAVELICA	452-404	
HUANCAVELICA	HUAYTARA	HUAYTARA		
HUANCAVELICA	HUAYTARA	PILLPICHACA		
AYACUCHO	HUAMANGA	HUAMANGA	319-466	
AYACUCHO	HUAMANGA	VINCHOS		
AYACUCHO	HUAMANGA	AYACUCHO	311572 / 313210 / 315810 / 312450 314963 / 315806 / 315810 /	JR 28 DE JULIO 325, CERCADO, AYACUCHO
AYACUCHO	HUAMANGA	AYACUCHO	315845	JR 2 DE MAYO 100, CERCADO, AYACUCHO
AYACUCHO	HUAMANGA	AYACUCHO	327141 / 327142	AV 26 DE ENERO 128 PI.2
AYACUCHO	HUAMANGA	AYACUCHO	327274	AV ANDAHUAYLAS MZ G LTE 12, ASOC SAN JOSE
AYACUCHO	HUAMANGA	AYACUCHO	327548	JR LIMA 324, CERCADO, AYACUCHO
AYACUCHO	HUAMANGA	AYACUCHO	312332	AV 26 DE ENERO 128 PI.2, SECTOR PUBLICO
AYACUCHO	HUAMANGA	AYACUCHO	311518	JR SALAZAR BONDY 117, CERC AYACUCHO, AYACUCHO
AYACUCHO	HUAMANGA	AYACUCHO	329004	PLAZA INDEPENDENCIA 40, CERCADO, QUINUA
AYACUCHO	LA MAR	SAN MIGUEL	324-124	JR MARISCAL CÁCERES 209, CERCADO, SAN MIGUEL
AYACUCHO	LA MAR	TAMBO		

FIRE STATIONS

DEPARTMENT	PROVINCE	COMPANY		ADDRESS	PHONE NUMBERS	COMMAND BY DEPARTMENTS	FIRST CHIEF OF COMPANY	UNITS					
LIMA	CAÑETE	B - 049	CAÑETE	Jr. 28 de Julio 809. Cañete.	581 - 2004 581 - 5238	XXIV CD Lima Sur.	Tte. CBP René Pablo NORIEGA GROZZO.	M-49-4	RESC-49	AMB-49	CIS-49		
LIMA	LIMA	B - 127	SALAMANCA	Ca. Las Dalias 180, Urb Parque de Monterrico, Ate	434-1615	XXIV CD Lima Sur.	Tnte CBP Ivan Gayoso Ocea						
LIMA	LIMA	B - 134	SURCO	Av. Monte de los Olivos cdra 9, urb. Prolongaion Benavides, 2da estapa.	274-5119	XXIV CD Lima Sur.	Tnte CBP Marco Antonio Mesones Valencia						
LIMA	LIMA	B -120	SAN JUAN DE MIRAFLORES	Av. Pedro Miota, cdra 9, Zona industrial	276-5919	XXIV CD Lima Sur.	Tnte CBP Renzo Saavedra Estrada						
LIMA	LIMA	B - 111	SAN PEDRO DE MALA	Escala Baja, Camal Nuevo, Antigua Panamericana Sur. Mala.	530 - 8160	XXIV CD Lima Sur.	Tte. CBP Julio Justo PIO MACAVILCA.	M-111-1	M-111-4	AMB-111			
LIMA	LIMA	B - 125	PUNTA NEGRA	Guanay Sur 360. Punta Negra.	231 - 5459	XXIV CD Lima Sur.	Tte. CBP Marieta Iris QUEZADA OLIVEYRA.	M-125-4	RESC-125	AMB-125	UNIMOG-1	AUX-125	AMB-11
LIMA	LIMA	B - 129	SAN PEDRO DE LURÍN	Jr. Bolívar s/n. Lurín.	430 - 3120	XXIV CD Lima Sur.	Tte. CBP Gustavo Alberto ORMEÑO MENDOZA.	M-129-4	RESC-129	AMB-129	AUX-129		
LIMA	LIMA	B - 133	CHILCA - NUESTRA SEÑORA DE LA ASUNCIÓN DE MARÍA	Jr. Huancavelica s/n, Chilca Pueblo. Chilca.	530 - 5300 530 - 5510	XXIV CD Lima Sur.	Subtte CBP Carmen Rosa, ARIAS FAUSTINO.	M-28-3	RESC-133	AMB-133	AUX-133	CIS-133	
LIMA	LIMA	B - 160	PACHACAMAC	Jr. Bolívar Mz. Lt. 9. Pachacamac.		XXIV CD Lima Sur.	Tte. CBP Julio César ESPINOZA AGUILAR	M-160-4	M-105-4	AUX-13-1			
ICA	PISCO	B - 022	SALVADORA ICA	Av. Cutervo 495, Urb. San Isidro. Ica.	056 - 231111	VI CD Ica, Huancavelica y Ayacucho.	Cap. CBP Santiago SOTIL FLORES.	M-22-1	M-22-3	RESC-22	MED-22	AUX-22-1	AUX-22-2
ICA	PISCO	B - 037	NUESTRA SEÑORA DE LAS MERCEDES	Ca. Ayacucho 128. Pisco.	056 - 532333	VI CD Ica, Huancavelica y Ayacucho.	Tte. CBP Jorge Michael SOTO ARRAZABAL.	M-37-4	RESC-37	AMB-37	AUX-37-1	AUX-37-2	
ICA	CHINCHA	B - 038	SALVADORA CHINCHA	Av. Faustino Sánchez Carrión cdra. 1 s/n. Chincha.	056 - 262221	VI CD Ica, Huancavelica y Ayacucho.	Tte. CBP Héctor León LI VILLAMARES.	M-38-4	M-38-5	RESC-38	AMB-38		
ICA	PISCO	B - 090	TUPAC AMARU INCA	Ca. Túpac Amaru Mz. G, Lt. 10, Pisco.	056 - 536026	VI CD Ica, Huancavelica y Ayacucho.	Tte. CBP Luis Ysidoro SOTELO DÍAZ.	M-90-2	M-90-4	M-90-6	AMB-90		
ICA	PISCO	B - 157	SAN CLEMENTE	Av. Los Libertadores Wari s/n. San Clemente.	056 - 453444	VI CD Ica, Huancavelica y Ayacucho.	Tte. CBP Luis Enrique VILLEGAS DÍAZ.	M-157-3	RESC-157				
ICA	CHINCHA	B - 171	OFELIA BANCHERO DE DATORRE	Fernando León de Vivero 1826, esq. Ca. Virgen del Carmen cdra. 1, Urb. El Carmen. Ica.	056 - 229900	VI CD Ica, Huancavelica y Ayacucho.	Secc. CBP Carlos Alberto RAFFO LAOS.	M-171-1	MED-171				
AYACUCHO	HUAMANGA	B - 063	AYACUCHO	Av. Mariscal Cáceres Mz. R, Lt. 27. Ayacucho.	064 - 815827	VI CD Ica, Huancavelica y Ayacucho.	Tte. CBP Valerio MITMA HUAMANI.						

		COMANDANCIA DEPARTAMENTAL	DIRECCIÓN	TELÉFONOS	COMANDANTE DEPARTAMENTAL
ICA		VI COMANDANCIA DEPARTAMENTAL ICA, HUANCAVELICA Y AYACUCHO.	Av. José Oliva Razzeto 495, Urb. San Isidro, **Ica.**	056 - 227154	Brig. May. CBP Jorge Artemio JHONG VALDEZ.
LIMA		XXIV COMANDANCIA DEPARTAMENTAL LIMA SUR.	Av. Viña del Mar 111, Urb. Sol de La Molina, **Lima.**	479 - 0622 479 - 2838	Brig. May. CBP Rafael CALVO CAMPOS.

RECURSOS
CENTROS DE SALUD

CEN TRO DE SALUD

Operative OP
Doctor D
Nurse N
Dentist D

Obstetric OB
Psychologist PS
Nutricionist NU
Chemical Pharma. CP

Other Proffesionals OP
Total amount of proffesionals TP
Administratives AD

Department	Province	District	Type of Facility	Namo of the Facility	Phone Number	DISA	RED	OP	D	N	D	OB	PS	NU	CP	OP	TP	AD	Catgory of the populated Center
AYACUCHO	LA MAR	TAMBO	POSTA SALUD	CHALLHUAMAYO		05 AYACUCHO	02 AYACUCHO NORTE	SI	0	1	0	0	0	0	0	0	1	0	COUNTRY HOUSE
AYACUCHO	HUAMANGA	VINCHOS	POSTA SALUD	ARIZONA		05 AYACUCHO	01 HUAMANGA	SI	0	0	0	1	0	0	0	0	1	0	AGRICULTURAL UNIT
AYACUCHO	HUAMANGA	QUINUA	POSTA SALUD	LLAMAHUILLCA		05 AYACUCHO	01 HUAMANGA	SI	0	0	0	0	0	0	0	0	0	0	AGRICULTURAL UNIT
AYACUCHO	HUAMANGA	QUINUA	CENTRO SALUD	QUINUA	(066) 329062 / 324023	05 AYACUCHO	01 HUAMANGA	SI	0	2	1	2	0	0	0	3	8	2	AGRICULTURAL UNIT
AYACUCHO	HUAMANGA	PACAYCASA	POSTA SALUD	PACAYCASA		05 AYACUCHO	01 HUAMANGA	SI	0	0	0	0	0	0	0	0	0	1	ATTACHMENT
AYACUCHO	HUAMANGA	CHIARA	POSTA SALUD	BASILIO A. DE CHUPAS				NO	0	0	0	0	0	0	0	0	0	0	
AYACUCHO	HUAMANGA	AYACUCHO	ESSSALUD		(066) 314072														
AYACUCHO	HUAMANGA	AYACUCHO	POSTA SALUD	RANCHA		05 AYACUCHO	01 HUAMANGA	SI	0	0	0	1	0	0	0	0	1	0	AGRICULTURAL UNIT
AYACUCHO	HUAMANGA	AYACUCHO	POSTA SALUD	CONCHOPATA		05 AYACUCHO	01 HUAMANGA	SI	0	2	1	6	0	0	0	1	10	1	AGRICULTURAL UNIT
AYACUCHO	HUAMANGA	AYACUCHO	POSTA SALUD	ALTO PERU				NO	0	0	0	0	0	0	0	0	0	0	
AYACUCHO	HUAMANGA	AYACUCHO	POSTA SALUD	LOS LICENCIADOS		05 AYACUCHO	01 HUAMANGA	SI	0	2	1	4	0	0	1	2	10	1	AGRICULTURAL UNIT
AYACUCHO	HUAMANGA	AYACUCHO	POSTA SALUD	RUMICHACA				NO	0	0	0	0	0	0	0	0	0	0	
AYACUCHO	HUAMANGA	AYACUCHO	POSTA SALUD	BARRIOS ALTOS		05 AYACUCHO	01 HUAMANGA	SI	0	1	1	2	0	0	0	0	4	1	AGRICULTURAL UNIT
AYACUCHO	HUAMANGA	AYACUCHO	HOSPITAL	REGIONAL AYACUCHO	312180	05 AYACUCHO	00 NO TIENE ASIGNADO NINGUNA RED	SI	45	104	3	42	3	1	2	26	226	60	AGRICULTURAL UNIT
AYACUCHO	HUANTA	HUAMANGUILLA	POSTA SALUD	ICHUPATA		05 AYACUCHO	02 AYACUCHO NORTE	SI	0	1	0	0	0	0	0	0	1	0	AGRICULTURAL UNIT
AYACUCHO	HUANTA	IGUAIN	POSTA SALUD	IGUAIN		05 AYACUCHO	02 AYACUCHO NORTE	SI	1	1	0	1	0	0	0	0	3	0	AGRICULTURAL UNIT
AYACUCHO	HUANTA	HUANTA	HOSPITAL	APOYO HUANTA	322001	05 AYACUCHO	02 AYACUCHO NORTE	SI	9	18	3	14	0	1	3	7	55	22	ATTACHMENT
AYACUCHO	LA MAR	TAMBO	POSTA SALUD	CCARHUAPAMPA		05 AYACUCHO	02 AYACUCHO NORTE	SI	0	1	0	0	0	0	0	0	1	0	COUNTRY HOUSE
AYACUCHO	LA MAR	TAMBO	CENTRO SALUD	TAMBO		05 AYACUCHO	02 AYACUCHO NORTE	SI	1	2	1	3	0	0	1	1	9	0	COUNTRY HOUSE
AYACUCHO	HUAMANGA	OCROS	POSTA SALUD	CHUMBES		05 AYACUCHO	01 HUAMANGA	SI	0	0	0	0	0	0	0	0	0	0	COUNTRY HOUSE
AYACUCHO	HUAMANGA	OCROS	POSTA SALUD	MAYABAMBA		05 AYACUCHO	01 HUAMANGA	SI	0	0	0	1	0	0	0	0	1	0	COUNTRY HOUSE
AYACUCHO	HUAMANGA	OCROS	POSTA SALUD	NINO JESUS DE PAJONAL		05 AYACUCHO	01 HUAMANGA	SI	0	0	0	0	0	0	0	0	0	0	COUNTRY HOUSE
AYACUCHO	HUAMANGA	OCROS	CENTRO SALUD	OCROS		05 AYACUCHO	01 HUAMANGA	SI	0	1	1	1	0	0	0	2	5	0	COUNTRY HOUSE
AYACUCHO	LA MAR	AYNA	CENTRO SALUD	MAPITUNARI					0	0	0	0	0	0	0	0	0	0	
AYACUCHO	LA MAR	TAMBO	POSTA SALUD	OSNO		05 AYACUCHO	02 AYACUCHO NORTE	SI	0	0	0	1	0	0	0	0	1	0	COUNTRY HOUSE
AYACUCHO	HUAMANGA	AYACUCHO	POSTA SALUD	16 DE ABRIL				NO	0	0	0	0	0	0	0	0	0	0	
AYACUCHO	HUAMANGA	AYACUCHO	POSTA SALUD	CENTRO DOCENTE MATERNO INFANTIL-UNSCH					0	0	0	0	0	0	0	0	0	0	
AYACUCHO	HUAMANGA	AYACUCHO	POSTA SALUD	HUASCAHURA		05 AYACUCHO	01 HUAMANGA	SI	0	2	1	1	0	0	0	1	5	0	AGRICULTURAL UNIT
AYACUCHO	HUAMANGA	JESUS NAZARENO	POSTA SALUD	MUYURINA		05 AYACUCHO	01 HUAMANGA	SI	0	1	0	1	0	0	0	1	3	0	COUNTRY HOUSE
AYACUCHO	HUAMANGA	JESUS NAZARENO	POSTA SALUD	NIðO YUCAY		05 AYACUCHO	01 HUAMANGA	NO	0	0	0	0	0	0	0	0	0	0	COUNTRY HOUSE
AYACUCHO	HUAMANGA	SAN JUAN BAUTISTA	POSTA SALUD	NAHUINPUQUIO		05 AYACUCHO	01 HUAMANGA	SI	0	1	1	1	0	0	0	1	4	1	AGRICULTURAL UNIT
AYACUCHO	HUAMANGA	JESUS NAZARENO	POSTA SALUD	NAZARENAS	315419	05 AYACUCHO	01 HUAMANGA	SI	0	5	2	9	0	0	3	7	26	5	COUNTRY HOUSE
AYACUCHO	CANGALLO	PARAS	POSTA SALUD	CCARHUACC LICAPA		05 AYACUCHO	01 HUAMANGA	SI	0	1	0	0	0	0	0	0	1	0	AGRICULTURAL UNIT
AYACUCHO	CANGALLO	PARAS	POSTA SALUD	CCARHUACCPAMPA		05 AYACUCHO	01 HUAMANGA	SI	0	1	0	0	0	0	0	0	1	0	AGRICULTURAL UNIT
AYACUCHO	CANGALLO	PARAS	POSTA SALUD	TONSULLA OCCO		05 AYACUCHO	01 HUAMANGA	SI	0	0	0	0	0	0	0	0	0	0	AGRICULTURAL UNIT
AYACUCHO	HUANTA	HUANTA	POSTA SALUD	HUANCAYOCC		05 AYACUCHO	02 AYACUCHO NORTE	SI	0	1	0	1	0	0	0	0	2	0	ATTACHMENT
AYACUCHO	HUAMANGA	SAN JUAN BAUTISTA	CENTRO SALUD	SAN JUAN BAUTISTA	313164 / 315552	05 AYACUCHO	01 HUAMANGA	SI	0	6	1	6	0	0	1	5	19	1	AGRICULTURAL UNIT
AYACUCHO	LA MAR	AYNA	HOSPITAL	APOYO SAN FRANCISCO	325103	05 AYACUCHO	02 AYACUCHO NORTE	SI	4	6	1	4	0	1	0	7	23	8	ATTACHMENT
AYACUCHO	LA MAR	AYNA	POSTA SALUD	ROSARIO		05 AYACUCHO	02 AYACUCHO NORTE	SI	0	1	0	0	0	0	0	0	1	0	ATTACHMENT
AYACUCHO	LA MAR	AYNA	POSTA SALUD	MACHENTE		05 AYACUCHO	02 AYACUCHO NORTE	SI	1	1	0	0	0	0	0	0	2	1	ATTACHMENT
AYACUCHO	HUANTA	HUANTA	POSTA SALUD	CCANO		05 AYACUCHO	02 AYACUCHO NORTE	SI	0	1	0	1	0	0	0	0	2	0	ATTACHMENT
AYACUCHO	HUANTA	LURICOCHA	POSTA SALUD	AZANGARO		05 AYACUCHO	02 AYACUCHO NORTE	SI	0	0	0	0	0	0	0	0	0	0	AGRICULTURAL UNIT
AYACUCHO	LA MAR	TAMBO	CENTRO SALUD	TAMBO		05 AYACUCHO	02 AYACUCHO NORTE	SI	1	2	1	3	0	0	1	1	9	0	COUNTRY HOUSE
AYACUCHO	LA MAR	CHUNGUI	POSTA SALUD	CHUNGUI		05 AYACUCHO	02 AYACUCHO NORTE	SI	1	1	0	1	0	0	0	0	3	0	AGRICULTURAL UNIT
AYACUCHO	LA MAR	SAN MIGUEL	HOSPITAL	APOYO SAN MIGUEL	324060	05 AYACUCHO	02 AYACUCHO NORTE	SI	4	5	1	3	0	0	1	2	16	11	COUNTRY HOUSE
AYACUCHO	LA MAR	SAN MIGUEL	POSTA SALUD	PATIBAMBA		05 AYACUCHO	02 AYACUCHO NORTE	NO	0	0	0	0	0	0	0	0	0	0	COUNTRY HOUSE
AYACUCHO	LA MAR	SAN MIGUEL	POSTA SALUD	NINABAMBA		05 AYACUCHO	02 AYACUCHO NORTE	SI	0	0	0	1	0	0	0	0	1	0	COUNTRY HOUSE
AYACUCHO	LA MAR	ANCO	POSTA SALUD	ANCO		05 AYACUCHO	02 AYACUCHO NORTE	SI	0	1	0	0	0	0	0	0	1	0	AGRICULTURAL UNIT
AYACUCHO	LA MAR	ANCO	POSTA SALUD	SACHARACCAY		05 AYACUCHO	02 AYACUCHO NORTE	SI	1	1	0	1	0	0	0	0	3	0	AGRICULTURAL UNIT
CUSCO	LA CONVENCION	QUIMBIRI	CENTRO SALUD	QUIMBIRI	066-835197	11 CUSCO	03 LA CONVENCION	SI	3	2	1	1	0	0	1	2	10	0	COUNTRY HOUSE

RECURSOS
CENTROS DE SALUD

CEN TRO DE SALUD

Operative OP
Doctor D
Nurse N
Dentist D

Obstetric OB
Psychologist PS
Nutricionist NU
Chemical Pharma. CP

Other Proffesionals OP
Total amount of proffesionals TP
Administratives AD

Department	Province	District	Type of Facility	Namo of the Facility	Phone Number	DISA	RED	OP	D	N	D	OB	PS	NU	CP	OP	TP	AD	Catgory of the populated Center
HUANCAVELICA	HUANCAVELICA	MARISCAL CACERES	POSTA SALUD	MARISCAL CACERES	812804	13 HUANCAVELICA	01 HUANCAVELICA	SI	0	1	0	0	0	0	0	0	1	0	TOWN
HUANCAVELICA	TAYACAJA	COLCABAMBA	CENTRO SALUD	QUICHUAS	812703	13 HUANCAVELICA	01 HUANCAVELICA	SI	0	1	0	1	0	0	0	0	2	0	ATTACHMENT
HUANCAVELICA	TAYACAJA	PAMPAS	POSTA SALUD	MANTACRA	812690	13 HUANCAVELICA	01 HUANCAVELICA	SI	0	0	0	0	0	0	0	0	0	0	COUNTRY HOUSE
HUANCAVELICA	HUAYTARA	HUAYTARA	CENTRO SALUD	HUAYTARA	830020 / 830022	13 HUANCAVELICA	01 HUANCAVELICA	SI	0	1	1	1	0	0	0	1	4	1	COUNTRY HOUSE
HUANCAVELICA	CHURCAMPA	SAN MIGUEL DE MAYOCC	POSTA SALUD	SAN MIGUEL DE MAYOCC	830033	13 HUANCAVELICA	02 ACOBAMBA	SI	0	0	0	0	0	0	0	0	0	0	DISTRICT OR QUARTER
HUANCAVELICA	HUAYTARA	PILPICHACA	POSTA SALUD	SAN FELIPE		13 HUANCAVELICA	01 HUANCAVELICA	SI	0	0	0	0	0	0	0	0	0	0	AGRICULTURAL UNIT
HUANCAVELICA	HUAYTARA	HUAYTARA	POSTA SALUD	MUCHIC	812648	13 HUANCAVELICA	01 HUANCAVELICA	SI	0	0	0	0	0	0	0	0	0	0	COUNTRY HOUSE
HUANCAVELICA	CHURCAMPA	ANCO	CENTRO SALUD	ANCO	830027/812621	13 HUANCAVELICA	02 ACOBAMBA	SI	0	1	0	2	0	0	0	0	3	0	COUNTRY HOUSE
ICA	CHINCHA	CHINCHA ALTA	HOSPITAL	SAN JOSE DE CHINCHA	(056) 269577	15 ICA	02 CHINCHA - PISCO	SI	36	38	3	13	1	1	8	14	114	47	CITY
ICA	PISCO	HUANCANO	POSTA SALUD	PAMPANO	(056) 812026	15 ICA	02 CHINCHA - PISCO	SI	0	0	0	0	0	0	0	0	0	0	COUNTRY HOUSE
ICA	PISCO	HUANCANO	POSTA SALUD	HUANCANO	(056) 812067	15 ICA	02 CHINCHA - PISCO	SI	1	1	1	0	0	0	0	0	3	0	COUNTRY HOUSE
ICA	CHINCHA	PUEBLO NUEVO	POSTA SALUD	SAN ISIDRO	(056) 264116	15 ICA	02 CHINCHA - PISCO	SI	2	3	2	1	0	0	0	0	8	0	CITY
ICA	PISCO	INDEPENDENCIA	POSTA SALUD	DOS PALMAS		15 ICA	02 CHINCHA - PISCO	SI	1	1	1	0	0	0	0	0	3	0	COUNTRY HOUSE
ICA	ICA	ICA	HOSPITAL	DEPARTAMENTAL ICA	(056) 232793 / 222605	15 ICA	00 NO TIENE ASIGNADO NINGUNA RED	SI	74	82	7	12	2	2	7	32	218	59	AGRICULTURAL UNIT
ICA	PISCO	SAN ANDRES	CENTRO SALUD	SAN ANDRES	(056) 534474	15 ICA	02 CHINCHA - PISCO	SI	3	3	1	2	0	0	1	0	10	2	AGRICULTURAL UNIT
ICA	PISCO	TUPAC AMARU INCA	CENTRO SALUD	TUPAC AMARU	(056) 535325	15 ICA	02 CHINCHA - PISCO	SI	2	2	1	1	0	0	1	0	7	2	AGRICULTURAL UNIT
ICA	PISCO	SAN CLEMENTE	CENTRO SALUD	SAN CLEMENTE	(056) 543179	15 ICA	02 CHINCHA - PISCO	SI	3	3	2	1	0	0	2	2	13	3	CITY
ICA	PISCO	HUMAY	CENTRO SALUD	HUMAY	(056) 812069	15 ICA	02 CHINCHA - PISCO	SI	2	1	1	1	0	0	0	0	5	1	AGRICULTURAL UNIT
ICA	PISCO	PISCO	HOSPITAL	SAN JUAN DE DIOS	(056) 532332 / 535532	15 ICA	02 CHINCHA - PISCO	SI	33	27	3	12	0	1	2	6	84	48	AGRICULTURAL UNIT
ICA	CHINCHA	PUEBLO NUEVO	POSTA SALUD	LOS ALAMOS	(056) 268187	15 ICA	02 CHINCHA - PISCO	SI	2	3	1	1	0	0	0	0	7	1	CITY
ICA	PISCO	PISCO	CENTRO SALUD	SAN MIGUEL	(056) 534474	15 ICA	02 CHINCHA - PISCO	SI	3	1	1	1	0	0	1	1	8	0	AGRICULTURAL UNIT
ICA	PISCO	TUPAC AMARU INCA	CENTRO SALUD	CASALLA	(056) 807079	15 ICA	02 CHINCHA - PISCO		1	1	1	0	0	0	0	0	3	0	AGRICULTURAL UNIT
ICA	PISCO	PARACAS	POSTA SALUD	SANTA CRUZ		15 ICA	02 CHINCHA - PISCO	SI	1	1	0	0	0	0	0	0	2	0	OTHERS
ICA	PISCO	INDEPENDENCIA	CENTRO SALUD	INDEPENDENCIA	227570	15 ICA	02 CHINCHA - PISCO	SI	3	2	1	2	0	0	0	0	8	0	COUNTRY HOUSE
ICA	PISCO	INDEPENDENCIA	POSTA SALUD	SAN JOSE DE CONDOR	807199	15 ICA	02 CHINCHA - PISCO	SI	0	1	0	0	0	0	0	0	1	0	COUNTRY HOUSE
LIMA	CAÑETE	MALA	POSTA SALUD	BUJAMA		23 LIMA SUR (LIMA II)	04 CHILCA - MALA	SI	1	1	0	0	0	0	0	0	2	0	AGRICULTURAL UNIT
LIMA	CAÑETE	CHILCA	POSTA SALUD	SALINAS		23 LIMA SUR (LIMA II)	04 CHILCA - MALA	SI	1	0	0	0	0	0	0	0	1	0	AGRICULTURAL UNIT
LIMA	CAÑETE	CHILCA	POSTA SALUD	OLOF PALME		23 LIMA SUR (LIMA II)	04 CHILCA - MALA	SI	1	0	0	0	0	0	0	0	1	0	AGRICULTURAL UNIT
LIMA	CAÑETE	CHILCA	CENTRO SALUD	NSTRA. SRA. DE LA ASUNCIóN	288-1211	23 LIMA SUR (LIMA II)	04 CHILCA - MALA	SI	9	2	2	3	0	0	0	0	16	7	AGRICULTURAL UNIT
LIMA	CAÑETE	SAN LUIS	CENTRO SALUD	SAN LUIS	474-3865	23 LIMA SUR (LIMA II)	05 CAÑETE	SI	4	2	1	2	0	0	0	0	9	2	AGRICULTURAL UNIT
LIMA	CAÑETE	CERRO AZUL	POSTA SALUD	SENOR DE LOS MILAGROS	371-6119	23 LIMA SUR (LIMA II)	05 CAÑETE	SI	1	0	0	0	0	0	0	0	1	0	COUNTRY HOUSE
LIMA	CAÑETE	ASIA	POSTA SALUD	ROSARIO DE ASIA		23 LIMA SUR (LIMA II)	04 CHILCA - MALA	SI	1	1	0	0	0	0	0	0	2	0	TOWN
LIMA	CAÑETE	SAN VICENTE DE CAÐETE	HOSPITAL	HOSP. DE APOYO REZOLA	581-1107 / 581-1108 / 581-2010 / 581-2421	23 LIMA SUR (LIMA II)	00 NO TIENE ASIGNADO NINGUNA RED	SI	57	32	3	13	2	2	1	15	125	38	ATTACHMENT
LIMA	CAÑETE	CERRO AZUL	CENTRO SALUD	CERRO AZUL	284-6008	23 LIMA SUR (LIMA II)	05 CAÑETE	SI	3	3	1	2	0	0	0	1	10	3	COUNTRY HOUSE
LIMA	LIMA	PUNTA NEGRA	CENTRO SALUD	PUNTA NEGRA	231-5529	23 LIMA SUR (LIMA II)	03 VILLA EL SALVADOR - LURIN - PACHACAMAC -	SI	1	0	1	1	0	0	0	0	3	3	CITY
LIMA	LIMA	PUNTA HERMOSA	CENTRO SALUD	PUNTA HERMOSA	230-7025	23 LIMA SUR (LIMA II)	03 VILLA EL SALVADOR - LURIN - PACHACAMAC -	SI	1	1	1	1	0	0	0	1	5	2	CITY
LIMA	LIMA	LURIN	CENTRO SALUD	KM. 40	230-3664	23 LIMA SUR (LIMA II)	03 VILLA EL SALVADOR - LURIN - PACHACAMAC -	SI	2	1	1	2	0	0	0	0	6	2	AGRICULTURAL UNIT
LIMA	LIMA	SAN JUAN DE MIRAFLORES	POSTA SALUD	PAMPAS DE SAN JUAN		23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	1	0	0	1	0	0	0	0	2	1	CITY
LIMA	LIMA	SAN JUAN DE MIRAFLORES	POSTA SALUD	VILLA SOLIDARIDAD		23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	1	1	1	1	0	0	0	1	5	4	CITY

RECURSOS
CENTROS DE SALUD

CEN TRO DE SALUD

Operative	OP	Obstetric	OB	Other Proffesionals	OP
Doctor	D	Psychologist	PS	Total amount of proffesionals	TP
Nurse	N	Nutricionist	NU	Administratives	AD
Dentist	D	Chemical Pharma.	CP		

Department	Province	District	Type of Facility	Namo of the Facility	Phone Number	DISA	RED	OP	D	N	D	OB	PS	NU	CP	OP	TP	AD	Catgory of the populated Center
LIMA	LIMA	SAN JUAN DE MIRAFLORES	POSTA SALUD	RICARDO PALMA		23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	0	0	1	1	0	0	0	0	2	2	CITY
LIMA	LIMA	SAN JUAN DE MIRAFLORES	POSTA SALUD	PARAISO		23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	1	1	1	1	0	0	0	0	4	1	CITY
LIMA	LIMA	CHORRILLOS	POSTA SALUD	DEFENSORES DE LIMA	258-4319	23 LIMA SUR (LIMA II)	01 BARRANCO - CHORRILLOS - SURCO	SI	1	0	0	1	0	0	0	0	2	1	CITY
LIMA	LIMA	LA MOLINA	POSTA SALUD	I MATAZANGO	436-0953	21 LIMA ESTE (LIMA IV)	02 VITARTE - LA MOLINA	SI	1	0	0	1	0	0	0	0	2	0	CITY
LIMA	LIMA	SAN BARTOLO	CENTRO SALUD	SAN BARTOLO	430-7568	23 LIMA SUR (LIMA II)	03 VILLA EL SALVADOR - LURIN - PACHACAMAC -	SI	6	1	2	1	0	0	0	1	11	7	CITY
LIMA	LIMA	SAN BORJA	CENTRO SALUD	VILLA VICTORIA PORVENIR	Fax 2254253	20 LIMA CIUDAD (LIMA V)	01 LIMA CIUDAD	SI	4	3	7	4	2	3	2	3	28	11	CITY
LIMA	LIMA	SAN JUAN DE MIRAFLORES	POSTA SALUD	SANTA URSULA		23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	1	0	0	0	0	0	0	0	1	1	CITY
LIMA	LIMA	SAN JUAN DE MIRAFLORES	POSTA SALUD	VIRGEN DEL BUEN PASO		23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	1	0	0	1	0	0	0	0	2	0	CITY
LIMA	LIMA	SAN JUAN DE MIRAFLORES	POSTA SALUD	RINCONADA		23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	1	1	1	1	0	0	0	0	4	2	CITY
LIMA	LIMA	SAN JUAN DE MIRAFLORES	POSTA SALUD	5 DE MAYO		23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	1	0	0	1	0	0	0	0	2	2	CITY
LIMA	LIMA	SAN JUAN DE MIRAFLORES	CENTRO SALUD	SAN JUAN DE MIRAFLORES	466-3649	23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	4	2	2	0	1	0	0	1	10	8	CITY
LIMA	LIMA	SAN JUAN DE MIRAFLORES	CENTRO SALUD	LEONOR SAAVEDRA		23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	6	1	3	1	2	1	0	4	18	19	CITY
LIMA	LIMA	SAN JUAN DE MIRAFLORES	CENTRO SALUD	VILLA SAN LUIS	285-1927	23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	4	2	2	1	1	0	0	1	11	12	CITY
LIMA	LIMA	SAN JUAN DE MIRAFLORES	POSTA SALUD	12 DE NOVIEMBRE		23 LIMA SUR (LIMA II)	02 SAN JUAN DE MIRAFLORES - VILLA MARIA DEL	SI	1	1	1	1	0	0	0	0	4	2	CITY
LIMA	LIMA	SANTIAGO DE SURCO	POSTA SALUD	SAN CARLOS	543-4891	23 LIMA SUR (LIMA II)	01 BARRANCO - CHORRILLOS - SURCO	SI	1	1	0	1	0	0	0	0	3	0	CITY
LIMA	LIMA	SANTIAGO DE SURCO	POSTA SALUD	SAN ROQUE	964-7397	23 LIMA SUR (LIMA II)	01 BARRANCO - CHORRILLOS - SURCO	SI	1	1	0	1	0	0	0	0	3	0	CITY

ANEXO F

PERU LNG

ATTACHMENT F

National Police of Peru

Definition

Law Nº 27238 of the 2/12/99. The National Police of Peru is an institution of the State, created to guarantee the internal order, the free exercise of the basic rights of the people and the normal development of the civil activities. Is professional and in hierarchical order. Its members represent the law, the order and the security in the entire Republic and have competence to intervene in all the issues related with the fulfillment of its fundamental purpose.

Functions

a) Maintain the security and public quietness to allow the free exercise of the fundamental rights of the people, confirmed in the Political Constitution of Peru.

b) Prevent, combat, investigate and report the offences and faults present in the Penal Code and special laws, liable to prosecution; as well as applying the punishments that the Administrative Code of Infringements of the Polices indicates.

c) Guarantee the civil security. Train in this issue to the organized local entities.

d) Guarantee and control the free vehicle and pedestrian circulation in the public way and in the highways, ensure the auto motor and railway transport, investigate and report the transit accidents, as well as taking the registers of the auto motor park with police purposes, in coordination with the competent authority.

e) Intervene in the aerial, marine, river and lake transport in actions of its competence.

f) Participate in the fulfillment of the orders relative to the protection and conservation of the natural resources and environment, the security of the archeological and cultural patrimony of the Nation.

g) Watch for the safety of the goods and public services in coordination with the state corresponding entities.

h) Participate in the National Defense, Civil Defense and in the economic and social development of the country.

i) Exert the identification of the people with police purposes.

Attributions

a) Intervene in all circumstance when the exercise of the police function requires it for considering permanently in service.

b) Require the presentation of identity documents when the case demands it.

c) Do criminality surveys, technical- vehicle and others related with its functions.

Organic Structure

a) Direction Organ

General Direction

b) Advising Organ

General Major State

c) Control Organ

General Inspection

d) Consultative Organ

Consultative Committee

Superior Board

Economic Board

Qualification Board

Investigation Board

e) Support Organs

f) Instruction and Doctrine Organ

Instruction Direction and Police Doctrine

g) Execution Organ

Specialized Directions

Police Regions

Faculties

a) Do people's registrations and inspections of addresses, facilities and vehicles, chips, aircrafts and objects, according to the Constitution and law.

b) Intervene, arrange an appointment and arrest the people according to the Constitution and Law.

c) Intervene as reconciler in the conflict cases that do not constitute offences or faults that alter the public order and quietness.

Police stations

a) **Function and responsibility**

These units are in charge of doing the investigations and all the document procedures that is required for an event, the same that depending of its magnitude is under disposal of the Public Ministry.

b) **Organization**

HIGHWAYS POLICE

a) **Function and responsibility**

The Highways Police Direction has as function patrolling, the preventive actions and initial response actions in case of an emergency. All the units of the Highways Police are inter-communicated by a radial system nationwide. In case of an eventuality of an emergency, the Police Sector of Highways (SEPOLCAR) acts as a local response organism. If the emergency exceeds the response capacity it is required support to the Police Unit of the Sector, informing what happened in simultaneous way to the National Direction of Highways Police (DIPOLCAR).

b) **Organization**

Next it is detailed the organization chart of the highways police, from the directive instance to the operatives of area and sector.

d) **Direction, telephones and resources by each unit**

The Direction of HIghwayss Police counts with an emergency central, the same that Works 24 hours per day, 365 days per year, which is in capacity of coordinating the necessary support for emergencies of bigger significance **nationwide** being the telephones of this central: 276-0361, 276-4840 and the tele-Fax: 276-0665

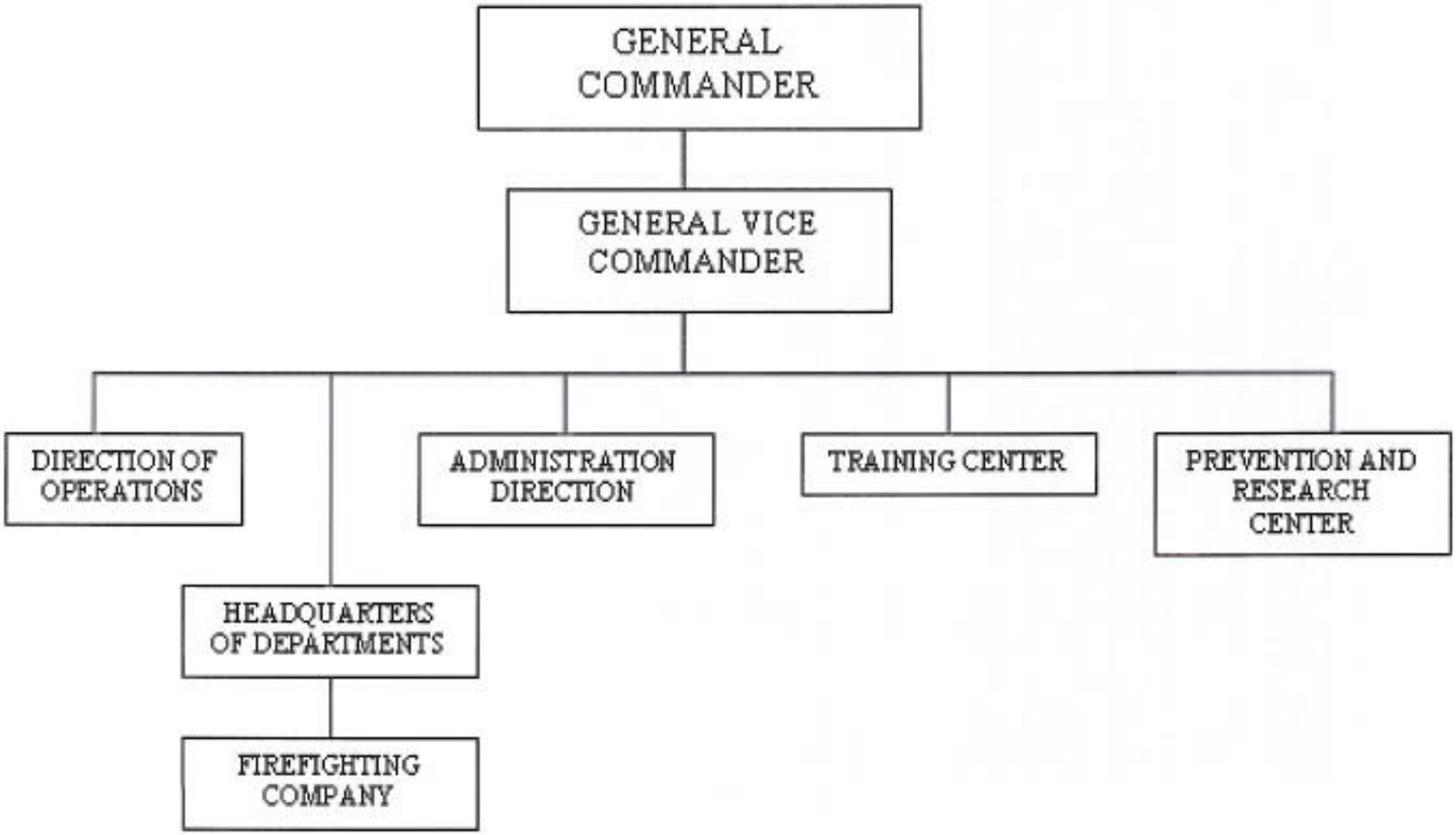
General Body of the Voluntary Firefighters of Peru

Function and responsibility

According to the Law Nº 27140 it is recognized as competent authority in subject of fires and have the responsibility of responding to the fire emergencies. Vehicle accidents, medical emergencies (providing support previous to the Hospital and transport). Has as responsibility to establish the dimension of the incident and delimit the safety perimeter in cases of emergencies with MATPELS and constitutes an operative technical support in cases of natural disasters.

Now they manage the 90% of the medical emergencies and vehicle accidents nationwide, count with many types of equipments and mobile units properly equipped to control the many types of scenarios that could be generated by emergencies in the industry, commerce, transport. Have as legal and technical limitations to administrate incidents with radioactive material, emergencies in airports (Inside a plane, not in the facilities), handling of explosives and incidents inside military precincts.

Its general organization in base on the following functional organization chart:


GENERAL COMMANDER
GENERAL VICE COMMANDER
DIRECTION OF OPERATIONS
ADMINISTRATION DIRECTION
TRAINING CENTER
PREVENTION AND RESEARCH CENTER
HEADQUARTERS OF DEPARTMENTS
FIREFIGHTING COMPANY

Organization

Count with a unique command structute "General Commander" and is distributed in Headquarters by Department that depend of the Vice General Commander. Every Headquarter by Department counts with an amount of Firefighters Company (Operative Units). From the Communication Control located in Lima it can **inform, activate and administrate emergencies Nationwide.**

a) **Organic Structure**

1. National Command
2. Committee of General Officers
3. General Inspector
4. National Committee of Discipline
5. Commands by departments
6. Firefighters Companies

b) **Organization of the National Command**

1. General Command
2. Vice General Command
3. General Direction of Administration
4. General Direction of Operations
5. Instruction Center of the Firefighters Body
6. Center of Fire Prevention and Investigation.

c) **Objectives**

Although there exist responsibility limits of Headquarters by departments, it is basically administrative because in case of needing support it can be used all the necessary resources (available), even they can be transferred by plane, helicopter or special mobility.

Moreover, the objectives of the Firefighters Companies are the following:

c.1 Promote and coordinate the prevention actions of fire and accidents evaluating the risks for the life and property, notifying to the competent authorities the violation of the actual laws about the subject.

c.2 Combat fires, rescue and save lives exposed to danger of fire or accidents, attending the emergencies derived from the same ones, providing help and the proper assistance.

c.3 Participate in the support actions to the control of damages caused by disasters and calamities, natural or induced, under the orientation of the National Institute of Civil Defense, entity Governing of the National System of Civil Defense.

Health Ministry – MINSA (Hospitals, Centers and first aid posts)

General Law of Health

Law N° 26842 of the 20 July of 1997

Function and responsibility

The Health Authority is organized and exerts at a central, non-concentrated and decentralized level. It is exerted by the boards of the Executive Power and the decentralized boards of the government, according to the attributions that their respective laws of organization and functions grant them.

It is understood that the health authority nationwide is the specialized board of the Executive Power that has under its charge the direction and management of the National Policy of Health and acts as maximum authority that rules in health.

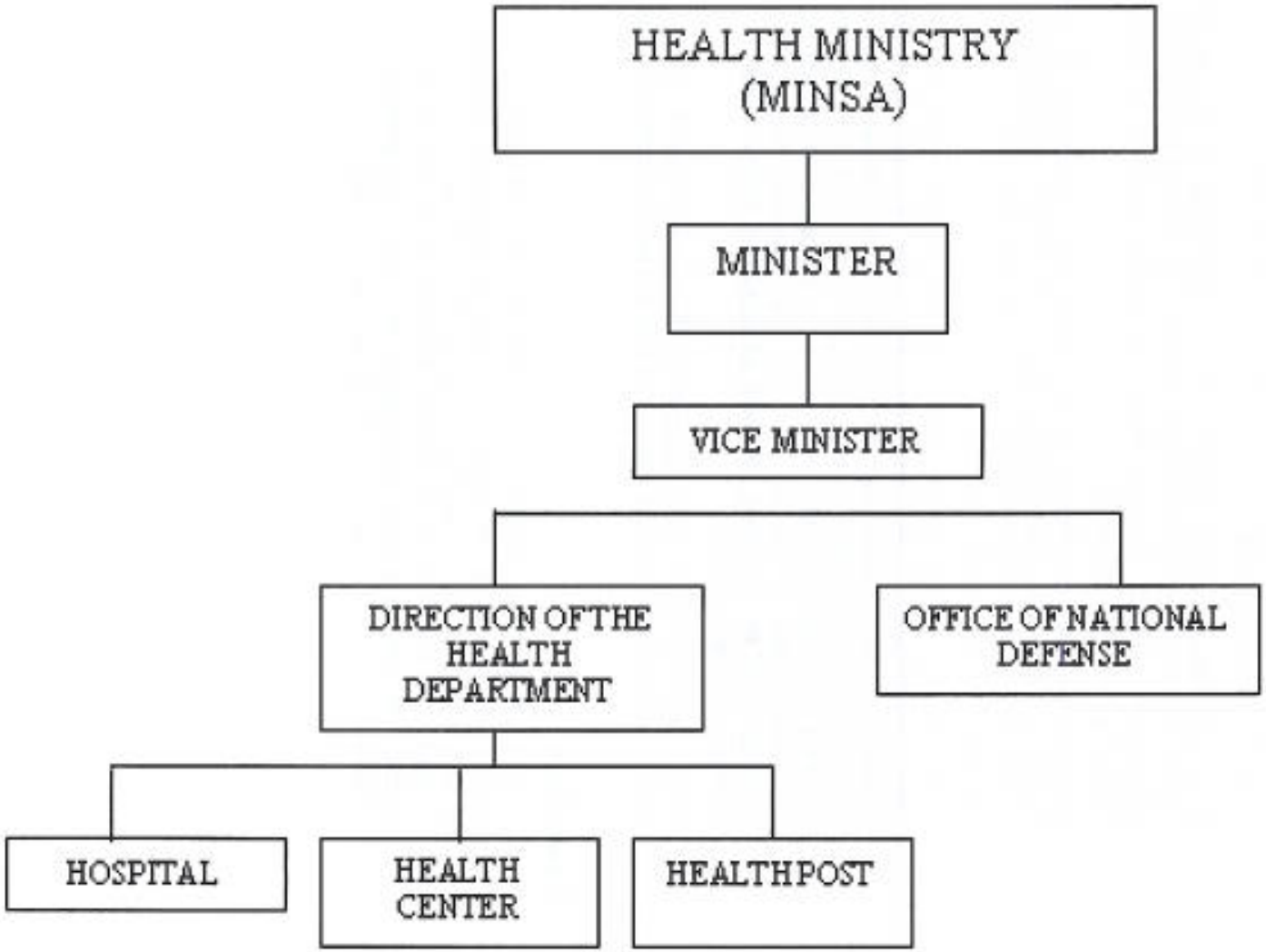
In application and fulfillments of the health rules that enact the Health Authority nationwide, the public entities that by their organization laws and functions, organic laws or special laws are able to control sanitary and environmentally aspects.

In the use of the attributions that grant the present Law, the organic laws, organization laws and functions, other special laws and its regulations, the health authority is entitle to prepare actions of orientation and education, practice inspections in any good, furniture or building, take samples and proceed to the corresponding tests, collect information and do all the actions that consider relevant for the fulfillments of its functions, as well as applying safety measures and sanctions if it is the case.

The health authority could request of the public force to ensure the fulfillment of the orders and measures that the health protections takes.

Organization

The Health Ministry (MINSA) counts with an office of National Defense, which has the work of action in cases of disasters, as well as in emergencies of great magnitude nationwide. Both as coordinator entity between the hospitals of the Ministry nationwide as well as an action in center with the necessary professional to control the emergency. This office as authority can act ex- office in case on an event.


HEALTH MINISTRY
(MINSA)
MINISTER
VICE MINISTER
DIRECTION OF THE
HEALTH
DEPARTMENT
OFFICE OF NATIONAL
DEFENSE
HOSPITAL
HEALTH
CENTER
HEALTH POST

a) Level of MINSA hospitals

a.1) Level I

- Health posts (Managed by nurses and/or technical personnel)

a.2) Level II

- Health Centers (count with doctors, nurses, obstetrics)
- Type I (without space for internment)
- Type II (with availability of internment)

a.3) Level III

Hospitals that can be Base, Rural or Support count with professional specialist doctors (Internal doctor, surgeons, obstetrics, pediatricians, orthopedics etc.)

a.4) Level IV

Hospitals highly qualified (only in Lima and Chiclayo, Trujillo and Arequipa)

b) Response Organization for emergencies

Produced by an emergency nationwide, the health sector responds initially with the Health Center closest to the event, extending as Health Center to Health Post, Base Hospital, Rural Hospital, Support Hospital and highly qualified Hospital.

These, at the same time, will inform the event to the Health Direction of the Department and in case of being necessary (depending of the event's magnitude) must inform to the Office of National Defense, the same that while evaluating the emergency, will inform to the vice Minister about what happened so he/she can order the response to the event.

If the magnitude of the emergency is bigger, these orders will be given by the Minister.

It is important to mention that the highly qualified hospitals are in Lima and have the response equipments for emergencies nationwide (both for health professionals as medical equipments and medicines).

National Institute of Civil Defense

The INDECI is ruled by the Law Nº 19338, Law of the National System of Civil Defense - SINADECI.

The INDECI as guiding, central and conductor board of the SINADEC, is responsible of conducting the execution of the Civil Defense nationwide.

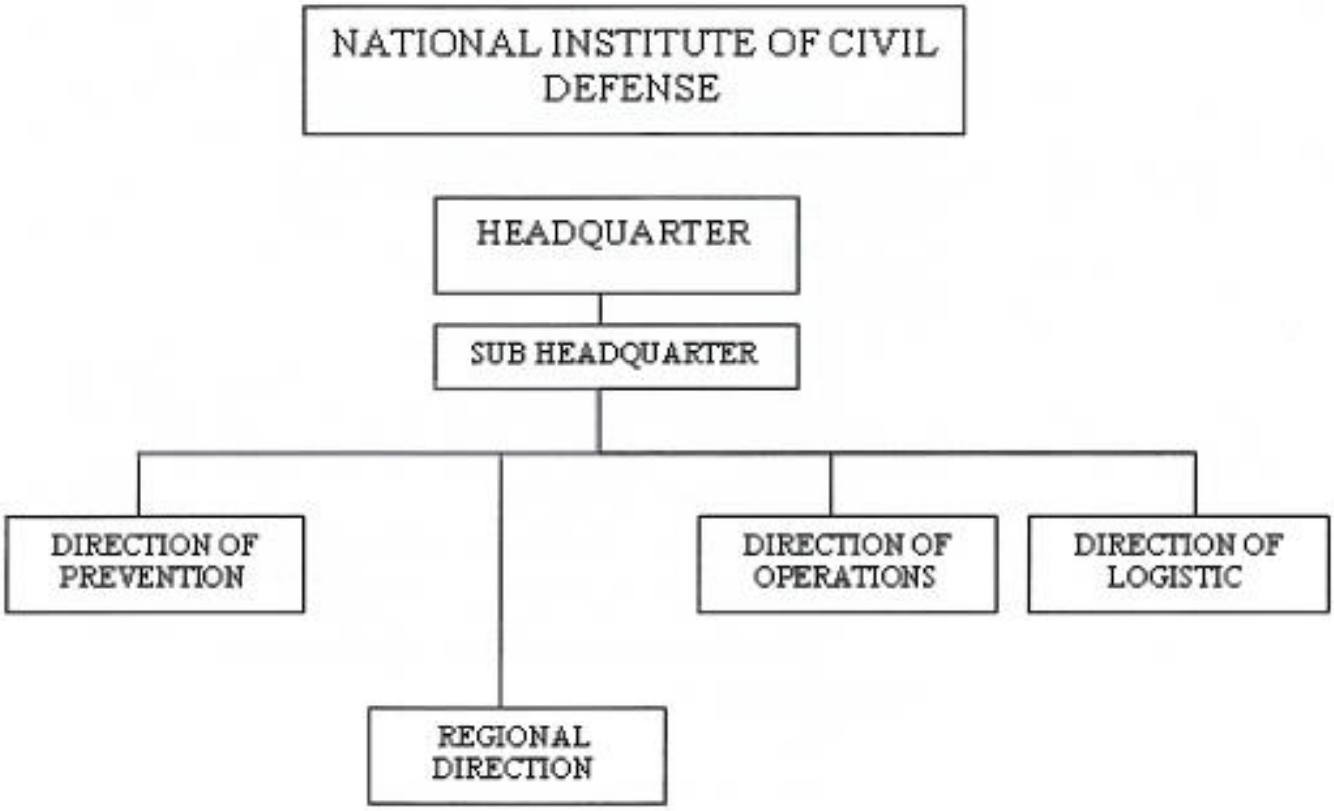
The INDECI is a Public Decentralized Organism of the Council Presidency, in charge of the planning, organization, direction, coordination and control of the activities of the National System of Civil Defense, as well as of the supervision of actions that are executed by the organisms and/or entities that receive public funds for purposes of Civil Defense.

Function and responsibility

Provide emergency attention, living immediate support to the population affected by disasters, for such effects, the INDECI could purchase goods and contract services and work until the amount established in the Annual Las of Budget for the direct ward of work, goods and services.

It is considered emergency attention to the action of assisting a group of persons that are in a situation of imminent danger of that had survived the devastating effects of a natural phenomenon or induced by the men. Basically is consists in the assistance of roof, shelter and food, as well as the provincial recovery of the essential public services.

ORGANIGRAMA



High Direction

- Headquarter
- Sub Headquarter

Advisory Boards

- General Advisory Board
- Advisory Inter-regional Board
- Advisory Scientific – Technological Board
- Advisory Internal Relations Board

Control Board

- Office of Internal Control

Advising Board

- Office of Planning and Budget
- Office of Legal Advising

Support Board

- Administration Office
- Office of Public Relations and Information
- Office of Documentary Procedure and Files
- Office of Statistics and Information Technology

Technical Ruling Board

- National Direction of Prevention
- National Direction of Operations
- National Direction of Logistics

Non-concentrated Boards

- Regional Directions

Municipalities, local governments and other institutions

MUNICIPAL GVERNEMNTS

The local governments are basic entities of the territorial organization of the State and immediate channels of local participation in public matters that institutionalize and manage with autonomy the interests of the corresponding communities, being essential elements of the local governments, the territory, the population and the organization.

The local governments have the purpose of representing the neighborhood; promote the adequate provision of the public local services and safety of the community, as well as the integral, harmonic and sustainable development of its district.

The municipalities are provincial or district. They are ruled by the special regime of the frontier municipalities and of the Metropolitan Municipality of Lima. The municipalities of populated centers are created according to law.

The municipalities are classified according to its jurisdiction and special regime in the followings:

In function to its jurisdiction:

1. The provincial municipality, over the territory of the respective province and of the enclosure.
2. The district municipality, over the district's territory.
3. The municipality of the populated center whose jurisdiction determines the respective provincial board by proposal of the district board.

The following are rules by the special regime:

1. Metropolitan of Lima, ruled by the special regime that is established in the present law.
2. Frontiers, which function in the capitals of provinces and districts located in the frontier zone.

The provincial and district municipalities are boards of the local government. The organic structure of the municipalities is composed by the municipal town council and the mayoralty.

The municipal, provincial and district town council is conformed by the major and the number of regents that establishes the National Jury of Elections, according to the Law of Municipal Elections.

The municipal town councils of the populated centers are composed by

a major and 5 (five) regents.

The municipal town council exerts normative and inspection functions.

The mayoralty is the executive board of the local government. The major is the legal representative of the municipality and its maximum administrative authority.

REGIONAL GOVERNMENTS

The Regional Governments come from the popular will. They are corporate bodies of public right, with politic, economic and administrative autonomy in matters of their competence, constituting a budget list for its economic and financial administration.

The Regional Governments have jurisdiction in the field of its respective territorial districts according to Law.

The Regional Governments have as essential purpose to promote the integral and sustainable regional development, promoting the public and private investment and the employment and guarantee the full exercise of the rights and the equity of opportunities for their habitants according with the national, regional and local plans and programs of development.

The mission of the Regional Governments is to organize and conduct the regional public management according to exclusive competences, shared and delegated, in the in the framework of the national and sector policies to contribute to the integral and sustainable development of the region.

The Regional Governments have the following basic organic structure:

THE REGIONAL BOARD is the normative and inspector body of the Regional Government. It is integrated by the Regional President, the Regional Vice President and the Advisors of the provinces or each region, with a minimum of 7 and a maximum of 25, the same that are elected by direct suffrage for a period of 4 years. The term of office is inalienable but revocable according to Law.

THE REGIONAL PRESIDENCE is the body of the executive Regional Government. The President is elected together with a Vice president for a period of 4 years. The term of office is inalienable but revocable according to Law.

The Executive Body of the Regional Government is organized in the General Management. It is complemented with the bodies in line, support, advising and control that establishes the corresponding regulations according to what determines every Regional Government and to the budget limits assigned for its current expense.

Organism Supervisor of Investment in Energy – OSINERG

OSINERG is ruled by the Law Nº 26734.

It is created the Organism Supervisor of the Investment in Energy (OSINERG) as inspector body of the activities that the companies develop in the sub-sectors of electricity and hydrocarbons, being a an integrant part of the Supervisor System of the Investment in Energy composed by the committee of electric tariffs , the Institute of Defense of the Competence and Intellectual Property and the Organism Supervisor of the Investment in Energy. It has corporate body of internal public right and has functional, technical, administrative, economic and financial autonomy, belongs to the Ministry of Energy and Mines.

The mission of OSINERG is to supervise, nationwide, the fulfillment of the legal and technical orders related with the activities of the sub-sectors of electricity and hydrocarbons, as well as the fulfillment of the legal and technical rules referred to the conservation and protection of the environment in the development of these activities.

OSINERG has a legal address and head office in the city of Lima and can establishes dependencies in any place of the national territory.

Function and responsibility

Watch for the fulfillment of the regulation that rules the quality and efficiency of the service provided to the user.

Inspection the fulfillment of the duties contracted by the dealers in the contracts of electric awarding and other established by law.

Inspection that the activities of the sub-sectors of electricity and hydrocarbon are developed according to the legal orders and current technical norms.

Inspection the fulfillment of the technical and legal orders related with the protection and conservation of the environment in the activities developed in the sub-sectors of electricity and hydrocarbons.

Organization

Directive Committee

It is composed by five members:

- 2 representatives of the Ministry of Energy and Mines
- 2 representatives of the President of the Council
- 1 representative of the Ministry of Economy and Finance

Management

Functionary designated by the Presidency.

Beside, it will be managements in Lima, the same that will depend of the General management and will be:

1 Electricity Management

1 Hydrocarbons Management

ANEXO H

ANEXO H

PERU LNG

MUNICIPALITIES

Department	Province	District	Address	Phone number	Telefax	Radio frequency	Mail	Major
LIMA	Lima	Lurín	Calle Pueblo Tradicional de Lurin Mz. P Lote 19		01-4300538		munilurin@speedy.com.pe	
LIMA	Lima	Punta Hermosa	Av. Elías Aguirre Nº 477		01 - 2307699		muni_punta_hermosa@yahoo.es	
LIMA	Lima	Punta Negra	Jr. San José y los Calamares		01 - 2315774		patricialisotelo_2003@hispavista.com	
LIMA	Lima	San Bartolo	Av. Parque Central s/n	01 – 4307038	01 – 4307074		galani_69@hotmail.com	
LIMA	Lima	Santa María del Mar	Calle El Sardinero s/n		01 – 2420168		mstamariadelmar@terra.com.pe	
LIMA	Lima	Pucusana	Av. Grau Nº 309		01 - 4309531			
LIMA	Cañete	Chilca	Av. Mariano Ignacio Prado Nº 496		01 - 5305452		munichilca@hotmail.com	
LIMA	Cañete	Mala	Pza de Armas Nº 177 Mz.17 Lote 23 Km. 84		01 - 5308628		munimala@hotmail.com	
LIMA	Cañete	Asia	Calle La Mar s/n		01 - 7915347			
LIMA	Cañete	Cerro Azul	Jr. Alfonso Ugarte Nº 500		01 - 2846041-2846128		muni_cerroazul@hotmail.com	
LIMA	Cañete	San Vicente de cañete	Calle Bolognesi Nº 250 Km. 144		01 - 5812387		mpcanete@speedy.com.pe	
ICA	Chincha	Tambo de Mora	Plaza Grau Nº 100		056 - 273034			
ICA	Chincha	Sunampe	Plaza de Armas Nº 100		056 - 938167			
ICA	Chincha	Chincha Alta	Plaza de Armas Nº 100		056 - 609111			
ICA	Chincha	Chincha Baja	Plaza de Armas Nº 148	056 - 937430	056 - 272159			
ICA	Chincha	El Carmen	Calle Comercio Nº 112	056 - 274001				
ICA	Pisco	San Clemente	Av. Los Libertadores Wari s/n	056 - 543200	056 - 940046			
ICA	Pisco	Pisco	Plaza de Armas s/n	056 - 532051	056 - 533094			
ICA	Pisco	Paracas	Av. Los Libertadores s/n	056 - 545077	056 - 545078			
ICA	Pisco	Independencia	Av. Federico Uranga s/n	056 - 800304	056 - 690308			
ICA	Pisco	Humay	Av. Principal N° 114	056 - 530900			municipalidad_humay@latinmail.com	Claudio Pillata
ICA	Pisco	Huancano	Calle derecha s/n 2do Piso	056 – 800308				Julio Rojas Ñanes
HUANCAVELICA	Huaytará	Huaytará	Calle Municipalidad N° 100	067 - 370272				Mandarin Paredes
HUANCAVELICA	Huaytará	San Antonio de Cusicancha	Plaza de Armas s/n	067 - 822668		76.26.0		
HUANCAVELICA	Huaytará	Tambo.	Plaza Principal s/n	067 - 822689		6.835		
AYACUCHO	Cangallo	Paras	Plaza de Armas s/n			7877.00 francia	mdp2000@yahoo.com	
AYACUCHO	Huamanga	Vinchos	Plaza Principal s/n	066 - 820283			mdvinchos@yahoo.es	
AYACUCHO	Huamanga	Socos	Plaza Principal s/n					Gerardo Francisco Ludeña
AYACUCHO	Huamanga	Ayacucho	Portal Municipal Nº 44					
AYACUCHO	Huamanga	Quinua	Plaza Principal s/n	066 - 839002			municipalidadquinua@hotmail.com	
AYACUCHO	La Mar	Tambo	Plaza Principal s/n		066 - 810298		m_d_tambo@hotmail.com	
AYACUCHO	La Mar	San Miguel	Plaza Principal Nº 012		066 – 324114	5920	munisam@hotmail.com	Elogio Villa Montano
AYACUCHO	La Mar	Anco	Plaza Principal s/n		066 - 818446	5592 indica. 5.0		
AYACUCHO	La Mar	Chirquintirca	Plaza de Armas s/n	066-318446				Wilder Manyawilca

CIVIL DEFENSE

PERU LNG

DEPARMENT	PROVINCE	DISTRICT	DEFENSA CIVIL CHAIRMAN	PHONE NUMBER	GOVERNOR
LIMA	CAÑETE	SAN VICENTE	RUFINA LEVANO QUISPE	(01) 581-2583	Fausto Fernando ESPINOZA
LIMA	LIMA	LURIN	JOSE LUIS AYLLON MINI	(01) 430-2083 / 430-1738	Gladys OCAÑA ZAPATA
ICA	ICA	ICA	LUIS OLIVA FERNANDEZ PRADA (Ica)	(056) 229824	
ICA	PISCO	PISCO	DIEGO MOLINA SARAVIA	(056) 532-051	Carmen Rosa FERREYRA
ICA	CHINCHA	CHINCHA ALTA	FELIX JUAN AMORETTI MENDOZA	(056) 265914	Juan José SOTELO VASQUEZ
HUANCAVELICA	HUANCAVELICA	HUANCAVELICA	EDGAR MANUEL RUIZ QUISPE	(067) 452-870	
HUANCAVELICA	HUAYTARA	HUAYTARA	RAUL PAREDES MANTARI	(067) 340-032	Solange REYES HERRERA
HUANCAVELICA	HUAYTARA	PILPICHACA	ELEUTERIO BUSTAMANTE GUERRA	(067) 822-661	Rogelio CEPIDA GUERRERO
AYACUCHO	HUAMANGA	HUAMANGA	GERARDO FRANCISCO LUDEÑA GONZALEZ	(066) 318-659	Aquiles TOLEDO GARAY
AYACUCHO	HUAMANGA	VINCHOS	DEMETRIO SAUÑE ROJAS	(066) 650743	Dámaso GUERRERO ENCISO
AYACUCHO	LA MAR	SAN MIGUEL	EULOGIO VILA MONTAÑO	(066) 324-114	
AYACUCHO	LA MAR	TAMBO	EDWIN BLADIMIR NAVARRO TORRES	(066) 810-299 comunit	Alfredo MUNALLA LOPEZ

ANEXO I

Risk analysis

Project	Peru LNG
Route:	Ica - Lima (South Panamericana)
Date	1/13/2007

Urn	U	Vehicle Transit	Vt	Tractors Cross	TC	Undulating Track	UT
Panels	PA	Informal whereabouts / whereabouts	IW	Curve	C	Rock Falls	RF
Maximum Speed	MS	Way Crosses	CV	Winding Curve	WC	Slides/knocks	SK
Emergency Telephone	SOS	Detour or entrance	DE	U Curve	UC	Probability	P
Informal Dip	ID	Pedestrian cross	PC	Slope	SL	Severity	S
Cable Crosses	CC	Animal Cross	AC	Fog Zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				Dangers																			Matrix				
Km	GPS Point	East (m)	North (m)	Altitude (m)	U	PA	MS	SOS	ID	CC	TR	IW	PU	WC	DE	CP	AC	TC	C	WC	UC	SL	FZ	PO	RF	SK	Resources	P	S	R	Photo	Observations
0.00	184	284264	8663249	202							1		1			1												3	2	6	84,85 Film 13	Trebol - Javier Prado
3.00	183	284712	8660471	168						1	1		1			1												4	3	12	83	Angamos
6.00	182	284667	8658009	125							1		1			1												4	2	8		Benavides
9.00	181	284139	8656011	98							1		1			1												4	2	8		Atocongo
10.00										1	1					1												3	2	6	Film 12	
12.00	180	284594	8653848	90							1		1			1												3	3	9		Alipio Ponce
13.00	179	284727	8653458	93							1					1											Gas station	4	2	8		Mobil
13.00											1					1											Tire shop	3	1	3		
14.00					5					1						1												4	2	8		High tension towers
14.00										1						1												4	1	4		
14.00																1												2	2	4		
14.00											1				1	1												4	2	8		Whereabouts
15.00					2										1	1												4	1	4	82	Overpass to Villa el Salvador
16.00					1	1				1																	Tire shop	3	2	6		Goddyear
16.00																											Gas station					Mobil
17.00					1					1						1												4	1	4		
18.00	178	284894	8648383	20									1															2	1	2	81	Huaylas
18.00										1																	Aerial	3	2	6	80	
18.00					1																						Gas station					Primax
18.00															1													2	2	4		Chorrillos
19.00	177	285591	8647740	25																							Toll					
19.00					2																						Gas station					two followed
19.00																											Highway patrol					
20.00	176	285945	8647388	24				1																								
20.00																											Solidarity Hospital					
21.00					2																											
22.00	175	288105	8646210	31																							Gas station					Pecsa
22.00					2																						Miner Cia					Lurin SA
23.00					2					1																		2	2	4	Film 12	
24.00					6					1																		2	2	4		
25.00	174	290568	8644503	27	2					1																	Gas station	2	2	4		
25.00															1													2	2	4		Refinery Conchan
26.00	172	291313	8644071	25											1													2	2	4	79	Lurín - Pachacamac
26.00																											Municipality					Lurín.
26.00	173	291141	8644278	25				1																								
27.00	171	292539	8643377	23						1																		2	2	4		
28.00	170	293347	8642868	20	1								1															2	1	2	78	Lurín
28.00						1				1																		2	2	4		
29.00						1				1																		2	2	4		
30.00	169	294474	8642162	31																							Gas station					Primax
31.00															1													3	1	3		
31.00	167	295706	8641386	26									1															2	1	2	77	San pedro
31.00	168	295452	8641549	23				1																								In front of the factory UNIQUE
32.00					2	2																						2	2	4		
32.00	166	296415	8640935	24																							Highway patrol					
33.00	165	297029	8640553	22	1			1																								
34.00					1	2																						3	2	6	Film 11	
34.00	164	297247	8640399	25																							Gas station					
35.00																											Urban Zone					
35.00	163	298587	8639699	35				1																								
36.00																											Tire shop					
36.00										1																		2	2	4		
36.00	161	299690	8639257	48											1													3	1	3		
36.00						3																						2	2	4	75	
36.00	162	299447	8639414	38									1															2	1	2	76	Aria
37.00																1											Tire shop	2	2	4		
37.00	160	300412	8638539	54			1																									
38.00						4				1																		2	2	4	74	
39.00	159	301877	8636303	54	2	2																						3	2	6	73	
39.00																																
40.00					1	1				1																		2	2	4		
41.00					2	2				1																		2	2	4	72	
42.00						2																						3	2	6		
42.00																								1				3	2	6		
42.00	158	303157	8634479	51				1																								
43.00	157	304372	8633322	43	1	1																						3	2	6	70	

Risk analysis

Project	Peru LNG
Route:	Ica - Lima (South Panamericana)
Date	1/13/2007

Urn	U	Vehicle Transit	Vt	Tractors Cross	TC	Undulating Track	UT
Panels	PA	Informal whereabouts / whereabouts	IW	Curve	C	Rock Falls	RF
Maximum Speed	MS	Way Crosses	CV	Winding Curve	WC	Slides/knocks	SK
Emergency Telephone	SOS	Detour or entrance	DE	U Curve	UC	Probability	P
Informal Dip	ID	Pedestrian cross	PC	Slope	SL	Severity	S
Cable Crosses	CC	Animal Cross	AC	Fog Zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				Dangers																			Matrix				
Km	GPS Point	East (m)	North (m)	Altitude (m)	U	PA	MS	SOS	ID	CC	TR	IW	PU	WC	DE	CP	AC	TC	C	WC	UC	SL	FZ	PO	RF	SK	Resources	P	S	R	Photo	Observations
44.00	155	304778	8632947	27	2								1															2	1	2	71	Punta negra
44.00	156	304691	8633029	31				1																								
45.00						1					1	1				1												3	3	9		
45.00	154	305467	8632285	39																							Toll					Punta Negra
45.00																											Municipality					Punta Negrsa
45.00					1																						Public Telephone					
46.00	153	306575	8631210	54											1													3	1	3	69	Santa maria
46.00																											Mechanical Help				68	
46.00					1	1																						3	2	6	67	
46.00															1													3	1	3		
47.00										1																		2	2	4		
47.00	152	306922	8630874	61																							Highway Patrol				65	Both sides
48.00	150	307900	8629961	54	3	1																						3	2	6	64	
48.00	151	307649	8630126	62							1					1											Populated center	3	2	6		San Bartolo
48.00																											Municipality					San Bartolo
49.00	149	308199	8629586	57	1			1							1	1	1											4	2	8	62	Invasion
50.00															1													2	2	4		Santa Maria
50.00																											Municipality					Santa Maria
50.00					2														1									3	4	12		
51.00					6														1									3	3	9		
52.00																			1									3	1	3		
52.00								1																								Sloten
54.00	148	309341	8624923	162																1					1			4	4	16		
55.00	147	309175	8623177	109	1			1																								
55.00																			1			1						4	2	8		
56.00	146	309341	8622509	81	2										1												Highway Patrol	2	2	4	63	Detour to Pucusana
57.00	145	309618	8621663	67																							Gas station					
58.00					8						1																Hardware store	3	3	9		Mototaxis
58.00																											Urban Zone					
58.00	143	309716	8621437	50									1															2	1	2		Naplo - Pucusana
58.00	144	309697	8621483	57				1																								
58.00																											Municipality					Pucusana
59.00					4						1					1	1										Perurban Zone	3	3	9		
59.00	142	310019	8620221	32				1																								
60.00					8						1				1	1												4	2	8		Mototaxis
61.00										1																	High tension towers	3	3	9		
61.00	141	310552	8618079	37	2								1															2	1	2	61	Quebrada Chilca II
62.00	138	311240	8616631	36	3																						Gas station					Pecsa
62.00											1					1	1										Perurban Zone	3	2	6		
62.00	139	311046	8616903	36																							Gas station					
62.00																											Tire shop					
62.00	140	310962	8617027	34																							Ravine				60	Chilca
63.00																											Municipality					Chilca
63.00	137	311695	8615992	28	2								1		1													2	2	4	59	Chilca
63.00																											Ambulance					Rimac
64.00					2														1									2	2	4		
64.00	136	312058	8615534	29				1																								
64.00											1					1	1										Perurban zone	3	2	6		
64.00																											Tire shop					
65.00					1											1												2	2	4		Presence of street vendors
66.00	134	313334	8613172	14	3										1	1												4	2	8		Chilca
66.00																											Tire shop					
66.00	135	313013	8613874	17																							Toll					Chilca
66.00																											Ambulance					
66.00																											Crane					
66.00																											Highway Patrol					
68.00					1											1												3	2	6		
69.00																				1								4	4	16		
69.00																1												2	2	4		
70.00					3						1	1				1												3	3	9		Puerto Viejo, micros
70.00	133	315003	8610389	14				1																								
71.00					2											1			1									4	2	8		
72.00																											Highway Patrol					
72.00					5										1													2	2	4		
73.00					1																											
74.00	132	318970	8608007	92				1							1	1												4	2	8	58	Exit of vehicles
74.00					7						1					1		1										4	2	8		Ranch

Risk analysis

Project	Peru LNG
Route:	Ica - Lima (South Panamericana)
Date	1/13/2007

Urn	U	Vehicle Transit	Vt	Tractors Cross	TC	Undulating Track	UT
Panels	PA	Informal whereabouts / whereabouts	IW	Curve	C	Rock Falls	RF
Maximum Speed	MS	Way Crosses	CV	Winding Curve	WC	Slides/knocks	SK
Emergency Telephone	SOS	Detour or entrance	DE	U Curve	UC	Probability	P
Informal Dip	ID	Pedestrian cross	PC	Slope	SL	Severity	S
Cable Crosses	CC	Animal Cross	AC	Fog Zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				Dangers																			Matrix				
Km	GPS Point	East (m)	North (m)	Altitude (m)	U	PA	MS	SOS	ID	CC	TR	IW	PU	WC	DE	CP	AC	TC	C	WC	UC	SL	FZ	PO	RF	SK	Resources	P	S	R	Photo	Observations
75.00																			1									3	4	12		Dangerous
75.00											1					1		1									Populated center	4	3	12		Nuevo San Andrés
75.00	131	319381	8607704	104									1															2	1	2	57	San Andrés
75.00					3										1													2	2	4	Film 10	
76.00					1														1									3	2	6		
78.00					2																										Film 9	
79.00	129	318605	8603379	41																												
79.00																			1									3	4	12		Dangerous
79.00	130	318513	8604140	50	1										1													3	1	3		Leon Dormido
80.00	128	318673	8602378	24															1									3	3	9		
80.00																									1			2	2	4		
80.00																			1									3	3	9		
81.00											1					1			1									2	1	2		Level of the Beach León Dormido
82.00					2																											
83.00					2																						Highway Patrol					
83.00																			1									3	1	3		
83.00																			1									3	1	3		With trees
84.00					2						1					1	1										Perurban zone	4	1	4		
85.00	126	320830	8597915	22									1															2	2	4	55	Overpass, Mala-totoritas
85.00					3					1																		2	2	4		
85.00	127	320485	8598679	22									1															2	1	2	56	Mala
85.00																											Municipality					Mala
86.00	125	320867	8597600	24	2			1																								
87.00					1														1									2	2	4		
88.00	124	321586	8595920	21															1								Gas station				54	two gas stations, perurban zone
89.00					3														1									2	2	4		
90.00	123	323143	8594046	16																							Urban zone				53	Bujama
91.00																			1								Gas station	3	1	3		
91.00																											Tire shop					
91.00	122	323803	8593505	27				1																								
91.00																											Police control					02 Patrullas de carreteras
92.00	121	324406	8592803	42	1														1									3	2	6		
93.00											1					1	1										Perurban zone	3	2	6		Assist car of "Pacífico"
94.00	120	324910	8590665	30															1									3	2	6		
96.00	119	325800	8589383	18	3																											
97.00	118	326386	8588636	17																							Gas station				52	Pecsa
97.00					4																						Hardware store					
98.00									1																		Gas station	4	2	8		Petroperu
99.00					6																											
100.00	117	328584	8586402	26				1											1									4	2	8		
101.00																								1				3	2	6	49	
101.00																			1									2	2	4	50	
101.00											1																	2	2	4	51	Transit
101.00	116	329684	8585808	34	3																						Urban zone					Entrance to Asia
101.00																											Municipality					Asia
102.00	114	330422	8585424	41							1					1	1		1								Perurban zone	3	2	6		
102.00																											Vulcanizer shop					
102.00	115	330306	8585482	39									1															2	1	2	48	Asia I 30Tn
103.00	113	331295	8584757	44	6								1															2	1	2	46,47	Asia II, 30 Tn
104.00	112	332620	8583583	63															1							1		4	2	8		
105.00					2		1																		1			4	2	8		
106.00	111	333115	8582409	41	2			1																								
107.00									1																			4	2	8		
108.00																			1			1						3	2	6		
109.00																						1						3	2	6		de 02 km
109.00	110	334921	8579884	101	1														1			1						4	3	12		
110.00																			1				1					4	4	16		
111.00	109	335867	8578563	136				1																								
112.00																			1									3	2	6		
112.00																			1									4	2	8		
113.00									1																			4	2	8		
114.00					1														1			1						3	2	6		
115.00	108	336644	8573746	81				1	1																			4	2	8		
116.00					1				1																			4	2	8		
117.00							1		1										1			1						4	2	8		
118.00																			1			1						3	2	6		

Risk analysis

Project	Peru LNG
Route:	Ica - Lima (South Panamericana)
Date	1/13/2007

Urn	U	Vehicle Transit	Vt	Tractors Cross	TC	Undulating Track	UT
Panels	PA	Informal whereabouts / whereabouts	IW	Curve	C	Rock Falls	RF
Maximum Speed	MS	Way Crosses	CV	Winding Curve	WC	Slides/knocks	SK
Emergency Telephone	SOS	Detour or entrance	DE	U Curve	UC	Probability	P
Informal Dip	ID	Pedestrian cross	PC	Slope	SL	Severity	S
Cable Crosses	CC	Animal Cross	AC	Fog Zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				Dangers																			Matrix				
Km	GPS Point	East (m)	North (m)	Altitude (m)	U	PA	MS	SOS	ID	CC	TR	IW	PU	WC	DE	CP	AC	TC	C	WC	UC	SL	FZ	PO	RF	SK	Resources	P	S	R	Photo	Observations
119.00					2		1												1									3	3	9		70 km/h
120.00																			1			1					Highway Patrol	4	2	8		
120.00	107	337417	8569821	97				1																								
120.00					2				1						1				1									3	3	9	45	
121.00																			1									4	4	16		
121.00	106	337641	8568699	64	14		1												1									4	4	16	43,44	50-60 km/h
122.00																			1			1				1		3	3	9	42, Film 09	Tanker in opposite direction.
123.00	104	337299	8566911	91			1												1			1						3	2	6		70 km/h
123.00	105	337200	8567243	82	2																	1						3	3	9	41	Accident
124.00																						1						3	1	3		
124.00																			1									4	2	8		
125.00					4																											
126.00					3		1																				Toll					60 km/h
127.00	103	338494	8563401	26				1																								
128.00					1												1											2	2	4		
129.00					2																						Straight block	3	1	3		
130.00							1																				Urban Zone					End of the highway, 60 km/h
131.00							1												1									3	2	6		40 km/h
131.00	100	340224	8559362	29				1																								
131.00	101	340163	8559536	29	4																						Gas station					
131.00																											Tire shop					
131.00																											Restaurant					
131.00	102	340053	8559811	22																							Tire shop				40	Hardware shop "Cerro Azul"
131.00																											Municipality					Cerro Azul
132.00	98	340933	8558640	41			1												1									3	4	12		40 km/h
132.00	99	340458	8558914	31	2										1													2	2	4		
133.00							1												1									2	2	4		50 km/h
133.00					3		1												1								Urban zone	3	2	6		Start
134.00					7											1	1	1	1								Vulcanizer shop	3	2	6		
135.00					1		1												1									4	2	8		40-50 km/h
136.00	95	344800	8556663	32			1									1											Urban zone	2	2	4		San Luis, 40-50 km/h
136.00	96	344680	8556846	33	2																						Gas station					Pecsa
136.00																											Restaurant				39	El Piloto
136.00	97	344238	8557321	46	3		1				1					1			1								Urban zone	4	2	8		40-50 km/h
137.00																			1								Urban zone	2	2	4		Without signposting
137.00																											Hardware shop					
137.00																											Vulcanizer shop					
137.00																											Gas station					
138.00	94	346251	8555682	39	6														1									4	2	8		
139.00							1											1	1									4	1	4		40-50 km/h
140.00					3		1												1									4	2	8		40-50 km/h
141.00	92	349034	8553928	49															1								Gas station	3	3	9		Heavy machinery
141.00	93	348215	8554018	40				1																			Gas station					
141.00					2														1			1					Urban zone	4	2	8		Start of "Los Girasoles"
142.00	90	349544	8553529	42	6										1	1			1								Urban zone	4	3	12		Cañete
142.00																											Municipality					Cañete
142.00	91	349434	8553778	49							1				1	1												2	2	4		Lunahuaná
143.00																			1								Urban zone	4	3	12		
144.00	89	349438	8552328	38																							Gas station					Petroperu - Grifo, Vulcanizer shop, servicenter, breaks
144.00					5		1									1			1								Urban zone	4	3	12		40-50 km/h
145.00															1				1									3	3	9		
145.00					4														1									3	3	9		
146.00					6										1												Highway patrol	3	3	9		Entrance of vehicles
147.00					4																											
148.00							1												1								Sign	3	3	9		Do not overtake
148.00																											Gas station					
148.00					5																						Vulcanizer shop					
149.00	88	352304	8548400	72	6								1									1						2	1	2	38	Clarita 36 Tn
150.00																						1					Sign	3	1	3		Do not overtake
151.00	87	351959	8547123	83																							Police station					Cañete
151.00																											Highway patrol					Cañete
151.00															1				1									4	1	4		Zone of fruits sell

Risk analysis

Project	Peru LNG
Route:	Ica - Lima (South Panamericana)
Date	1/13/2007

Urn	U	Vehicle Transit	Vt	Tractors Cross	TC	Undulating Track	UT
Panels	PA	Informal whereabouts / whereabouts	IW	Curve	C	Rock Falls	RF
Maximum Speed	MS	Way Crosses	CV	Winding Curve	WC	Slides/knocks	SK
Emergency Telephone	SOS	Detour or entrance	DE	U Curve	UC	Probability	P
Informal Dip	ID	Pedestrian cross	PC	Slope	SL	Severity	S
Cable Crosses	CC	Animal Cross	AC	Fog Zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS Point	East (m)	North (m)	Altitude (m)	Others				Dangers																		Resources	Matrix			Photo	Observations
					U	PA	MS	SOS	ID	CC	TR	IW	PU	WC	DE	CP	AC	TC	C	WC	UC	SL	FZ	PO	RF	SK			P	S	R		
152.00											1					1	1										Perurban zone	3	2	6		Living association "El Olivar - Cañete
152.00	85	351626	8545848	117							1					1	1		1								Perurban zone	4	3	12		Dangerous
152.00	86	351834	8546095	94				1																								
153.00					2		1												1			1				1		4	3	12	37	40 km/h
154.00																							1				Sign	3	2	6		Do not overtake
155.00																			1									3	3	9		
155.00																						1						2	2	4		
155.00					2																						Sign	2	2	4		Do not overtake
156.00																			1				1			1		4	3	12		
157.00					1		1												1							1		4	3	12		40 km/h
158.00	84	353819	8541112	168															1									3	2	6		Without signposting
158.00					2																					1	Sign	2	2	4		Do not overtake
159.00																						1	1				Sign	4	2	8		Do not overtake
160.00																			1									2	2	4		
160.00																										1		2	2	4		
161.00																						1	1					4	2	8		
161.00																						1	1					4	2	8		
162.00																						1					Sign	4	2	8		Do not overtake
163.00	83	356049	8538668	173															1			1	1					4	2	8		
164.00							1												1									3	3	9		Curve without signposting, 40 km/h
164.00																											Perurban zone	2	2	4		Invasión
165.00																												3	2	6		Works until km 166
165.00																			1			1						4	3	12		
165.00	82	359649	8537074	173				1														1		1				3	2	6		
166.00					3																						Highway Patrol					
168.00																			1									3	2	6		
168.00	80	360530	8535817	155																							Highway Patrol					
168.00	81	360301	8536180	164	2																						Gas				36	Peru LNG - Melchorita
169.00	79	361151	8534007	126	1																		1					4	2	8		
170.00					2																	1						2	2	4		
171.00					2														1									4	2	8		
172.00																											Sign					Do not overtake
172.00	78	361995	8531942	148				1																								
173.00					1																	1						3	1	3		
174.00																						1						2	2	4		
174.00					1																	1						3	2	6		
175.00																			1					1				3	2	6		
175.00																											Sign					Do not overtake
176.00							1				1								1			1						4	3	12	35	Trucks crosses
176.00											1																	4	2	8		Slippery road
177.00																			1			1						4	2	8		Slippery road
178.00																			1									3	2	6		
178.00	76	365386	8526732	22									1															2	1	2	34	Jahuay, 36 Tn
178.00	77	365349	8526811	43															1									4	2	8		
180.00					1																											
181.00																			1									2	2	4		
182.00	75	367495	8523757	22				1																			Vulcanizer shop					
183.00	74	368178	8522755	35	3														1									3	2	6		
184.00					1																						Restaurant					
185.00					3																						Vulcanizer shop					
186.00					1																						Vulcanizer shop					
187.00																											Crane					
187.00																											Highway Patrol					
187.00																											Ambulance					
187.00	73	369876	8519747	20																							Toll					Jahuay,claro and nextel sign
188.00					1																											
190.00	72	371739	8516754	61			1												1			1						4	3	12		40 km/h
192.00							1												1								Urban zone	3	3	9		Starts, 40-50 km/h
192.00																											Gas station					Petrolube
192.00	71	373174	8517229	83	2			1																								
193.00	69	374764	8516986	94																							Gas station					dos
193.00	70	374367	8517087	90											1													3	1	3		Grosio Prado
194.00	68	375550	8516791	101											1												Populated zone	3	4	12		Sunampe
195.00											1					1												4	3	12	Film 08	Carts, motos, taxis
195.00										1	1					1											Urban zone	4	3	12	33	Chincha

Risk analysis

Project	Peru LNG
Route:	Ica - Lima (South Panamericana)
Date	1/13/2007

Urn	U	Vehicle Transit	Vt	Tractors Cross	TC	Undulating Track	UT
Panels	PA	Informal whereabouts / whereabouts	IW	Curve	C	Rock Falls	RF
Maximum Speed	MS	Way Crosses	CV	Winding Curve	WC	Slides/knocks	SK
Emergency Telephone	SOS	Detour or entrance	DE	U Curve	UC	Probability	P
Informal Dip	ID	Pedestrian cross	PC	Slope	SL	Severity	S
Cable Crosses	CC	Animal Cross	AC	Fog Zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				Dangers																			Matrix				
Km	GPS Point	East (m)	North (m)	Altitude (m)	U	PA	MS	SOS	ID	CC	TR	IW	PU	WC	DE	CP	AC	TC	C	WC	UC	SL	FZ	PO	RF	SK	Resources	P	S	R	Photo	Observations
195.00																											Vulcanizer shop	3	2			Chincha
196.00	67	377175	8514904	97			1				1					1												3	4	12		Buses and taximotos, 30 km/h
196.00											1					1											Urban zone	3	4	12	Film 07	Informal zone of commerce
196.00														1	1													3	4	12		
197.00															1				1									4	3	12		
198.00											1					1											Urban zone	3	4	12		Chincha
198.00																											Municipality					High Chicha
198.00																											Municipality					Low Chincha
199.00																1												3	3	9		Students
200.00	65	377001	8512230	69																							Chincha exit					
200.00											1					1												4	2	8	31	Taxis Ticos parked in prohibited zone
200.00	66	377006	8512601	77							1			1		1												4	2	8	32	Tambo de Mora, presence of quioscos
200.00																											Municipality					Tambo de Mora.
201.00	64	376926	8510879	70									1															2	2	4	30	Canyar, 36 Tn
201.00					2														1								Sign	3	3	9		Do not overtake
202.00																											Sign					Do not overtake
202.00							1																				Highway Patrol	2	2	4		90 km/h
202.00	63	376832	8510167	70	2			1																								
203.00	62	376782	8509438	70	2										1												Vulcanizer shop	2	2	4	29	El Carmen
204.00					4						1				1	1												3	2	6		Exit of trucks
204.00																											Municipality					El Carmen
205.00											1					1											Perurban zone	2	2	4		
206.00	61	376399	8505808	59	7		1						1						1									3	1	3	28	Cañapay, 36 Tn, 40 km/h
207.00	60	376438	8505280	61															1									4	2	8		
208.00					3											1											Perurban zone	4	2	8		
209.00	58	377441	8503013	67															1									3	3	9		
209.00	59	377248	8503476	65	2									1														3	4	12		
210.00					3																	1		1			Sign	4	2	8		Do not overtake
211.00											1					1	1	1									Perurban zone	3	2	6		Cultivation fields
212.00																1												3	2	6		
212.00	57	377320	8500640	63				1																								
213.00										1	1					1	1		1								Perurban zone	4	2	8	Film 06	
214.00					1																	1					Sign	4	2	8		Do not overtake
215.00	56	376674	8497705	101	2														1									3	4	12		
216.00					1																						Highway Patrol					
217.00	55	375609	8495984	78															1									3	3	9		
218.00					3																			1				3	2	6		
219.00					1																											
220.00					3																											
221.00																			1									3	2	6		
222.00	54	375384	8491035	91				1																			Highway Patrol					
223.00																						1						2	2	4		
223.00	53	375523	8488920	96	7														1									3	3	9		
223.00																											Municipality					San Clemente
224.00										1																	Urban Zone	3	2	6		San Clemente
224.00																											Vulcanizer shop					
224.00																											Gas station					
225.00																			1			1						4	2	8		
226.00											1					1												3	4	12		Mototaxis
226.00							1															1						3	2	6		40 km/h
226.00	52	374584	8486955	80	2										1													2	2	4		Detour to Ayacucho, San Clemente
226.00																											Police station					Huamaní
227.00	50	375081	8485910	73																							Gas station				25	Pecsa
227.00															1													2	2	4		
227.00	51	374754	8486455	69									1															2	1	2	26,27	Huamaní
228.00	49	375368	8485363	82																							Gas station					
228.00					2													1									Sign	2	2	4		Keep the right
229.00	47	375457	8484356	87																							Gas station	2	2	4		Repsol
229.00							1				1																	3	2	6		Street vendors
229.00	48	375528	8484860	91							1																Gas station	3	3	9		Presence of trucks
229.00					5						1					1			1								Urban Zone	3	2	6		
230.00	45	375161	8483179	74																							Gas station	3	2	6		Las Gemelas
230.00																																

Risk analysis

Project	Peru LNG
Route:	Ica - Lima (South Panamericana)
Date	1/13/2007

Urn	U	Vehicle Transit	Vt	Tractors Cross	TC	Undulating Track	UT
Panels	PA	Informal whereabouts / whereabouts	IW	Curve	C	Rock Falls	RF
Maximum Speed	MS	Way Crosses	CV	Winding Curve	WC	Slides/knocks	SK
Emergency Telephone	SOS	Detour or entrance	DE	U Curve	UC	Probability	P
Informal Dip	ID	Pedestrian cross	PC	Slope	SL	Severity	S
Cable Crosses	CC	Animal Cross	AC	Fog Zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS Point	East (m)	North (m)	Altitude (m)	Others: U	PA	MS	SOS	Dangers: ID	CC	TR	IW	PU	WC	DE	CP	AC	TC	C	WC	UC	SL	FZ	PO	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
230.00	46	375282	8483657	84							1				1	1	1										Perurban zone	4	3	12	23,24	a Pisco, Villa Tupac Amaru
230.00																											Municipality					Pisco
231.00					2																						Company					Fab of Mill
231.00																											Workshop					Mechanic
231.00											1					1	1										Perurban zone	3	2	6		
231.00	44	375124	8483017	75				1																								
232.00					1						1					1	1	1									Highway Patrol	3	3	9		
232.00											1					1												3	2	6		
233.00	43	374629	8481016	84	8																						Restaurant					
234.00					1										1													2	2	4		
235.00					2																											Nursery
236.00															1													3	1	3		Beach
236.00															1													3	1	3		
237.00															1													2	2	4		Camiones
237.00	40	374013	8475691	86							1					1												4	2	8	18,20,21	Arequipa Steels, Trucks, (2 km)
237.00											1	1																4	2	8	19	
237.00																											Company					Gas - Praxair
237.00	41	373676	8476215	88							1				1													3	2	6		Exit of trucks
237.00	42	373548	8476676	85	8																						Gas				22	
238.00					1						1																	3	2	6		
240.00	39	375121	8473819	102				1																								
241.00											1					1	1											3	3	9		Micros, farms
242.00					2		1																				Highway Patrol					50 km/h
243.00							1																									80 km/h
243.00											1																	3	2	6		Exit of trucks in parallel road
243.00	38	376338	8471698	121	4														1									4	2	8		
244.00																											Municipality					Paracas
244.00	36	376945	8470109	122	5										1													2	2	4	17	Paracas
244.00																1	1	1									Vulcanizer shop	3	1	3		
244.00	37	376764	8470636	121																							Urban zone					Santa Cruz
244.00																											Health cener					
245.00					2																											
246.00					6										1													2	2	4	16	
247.00					2																											
248.00																																End of orchards
249.00	35	378645	8465474	138															1									4	4	16	15, Film 05	Transit accident
250.00																								1			Sign	3	2	6		Do not overtake
251.00	34	379636	8464954	159	1																											
252.00																											Sign					Do not overtake
252.00																											Highway Patrol				Film 04	
253.00																											Straight block	3	1	3		Dessert
254.00					1											1	1											3	2	6		Farms
255.00					2																										Film 03	Pozo Santo
255.00																								1				2	2	4		
255.00	33	383673	8463215	200				1																								
256.00																			1									4	2	8		Do not overtake
256.00					2																	1		1				3	2	6		
257.00					4																			1				2	2	4		
258.00					1																											
259.00	32	388218	8462479	282															1									3	2	6	14	
259.00					4						1					1	1	1										4	1	4		Ranchs
260.00	31	389026	8462286	286				1																								
261.00					2																										13	
262.00	30	390352	8461942	299	4														1									3	2	6		
263.00	29	391570	8460849	319	1														1									4	2	8		Do not overtake
264.00					4																											
265.00					4										1													2	2	4		Exit of trucks
266.00	28	395371	8459855	340																							Machinery					Retrodigger
266.00																		1										3	3	9		With passengers
267.00										1																		2	2	4		
267.00																			1									4	2	8		
268.00					1																											
269.00	27	396956	8459824	340	7			1																							12	
270.00																1	1											3	2	6		Ranchs + Invasion
270.00	26	397850	8459798	346	2										1	1	1											4	2	8		Kioskos

Risk analysis

Project	Peru LNG
Route:	Ica - Lima (South Panamericana)
Date	1/13/2007

Urn	U	Vehicle Transit	Vt	Tractors Cross	TC	Undulating Track	UT
Panels	PA	Informal whereabouts / whereabouts	IW	Curve	C	Rock Falls	RF
Maximum Speed	MS	Way Crosses	CV	Winding Curve	WC	Slides/knocks	SK
Emergency Telephone	SOS	Detour or entrance	DE	U Curve	UC	Probability	P
Informal Dip	ID	Pedestrian cross	PC	Slope	SL	Severity	S
Cable Crosses	CC	Animal Cross	AC	Fog Zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS Point	East (m)	North (m)	Altitude (m)	Others: U	PA	MS	SOS	Dangers: ID	CC	TR	IW	PU	WC	DE	CP	AC	TC	C	WC	UC	SL	FZ	PO	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
271.00																											Workshop					Soldadura autógena
271.00	24	399314	8459760	358															1									4	2	8		
271.00	25	398765	8459776	349								1			1													2	2	4		
272.00	23	400485	8459682	364																							Urban zone					Santa Cruz
272.00					5																						Weigh in motion scale					
273.00					3						1					1	1										Perurban zone	3	2	6		
274.00																											Police station					Villacuri
275.00																1												3	1	3		Ranchs
275.00																											Tire shop					
275.00																											Gas station					
275.00																											Public telephone					
275.00																											Highway Patrol					
275.00																											Ambulance					
275.00																											Rest zone					
275.00	22	402244	8459574	373																							Toll				10, 11	
276.00																1		1										3	2	6		
277.00					4																											
277.00	21	404907	8459402	389											1													3	3	9		Entrance and exit of dump trucks
278.00					2													1										2	2	4		
279.00					2																											
280.00	20	408400	8459181	408	1			1																							9, film 02	
281.00					3										1													3	1	3		Ranch
282.00					2											1	1											3	1	3		Farms
283.00	19	410845	8459014	436	4																											
284.00					2														1									3	3	9	Film 01	
285.00					4					1																		2	2	4		
286.00					2																										8	
287.00					5																											
288.00																											Highway Patrol					
288.00																											Public telephone					266374
288.00	18	415039	8456814	451	3														1									4	2	8		
289.00					1						1																	2	2	4		Heavy machiney
289.00											1																	2	2	4		
289.00																											Rest zone					For trucks 24 hours
289.00																											Tire shop					With service of autogenous Welding
289.00	17	415620	8455875	441																							Gas station					Repsol
290.00																			1									4	2	8		
290.00	16	416044	8455004	451											1												Urban zone	2	2	4		Entrance to Guadalupe
290.00											1					1	1										Perurban zone	3	2	6		
291.00					2																											Guadalupe exit
291.00															1												Gas station	3	1	3		
291.00																1												3	1	3		
291.00																											Health center					Guadalupe
291.00	15	416611	8453713	439																							Police center					Guadalupe
291.00							1																				Tire shop					55 km/h
292.00	14	416850	8452873	455											1													3	1	3		
293.00	13	417157	8451773	446	3																						Gas station					Huascaran
293.00															1													3	1	3		
294.00															1													3	1	3	6	Tacama 7 km
294.00																											Health center				7	Collasos
294.00	12	417298	8451187	444	4																						Gas station					Los andes
295.00	11	417670	8449871	442											1													3	1	3		Sustanjaya
295.00															1													3	1	3		Mamacona
295.00					8																						Urban zone					
296.00	9	418127	8448828	431																							Gas station				5	Oasis
296.00																											Urban zone					ICA start
296.00																			1									3	2	6		
296.00	10	417821	8449495	441	2																						Gas station					Repsol
297.00					1																						Gas station					
297.00	7	418486	8448085	431																							Gas station					Pecsa, mechanical electric service
297.00																											Lodgings					
297.00											1	1																4	2	8		Trucks
297.00	8	418363	8448299	433																							Gas station				4	Primax
298.00	6	418793	8447550	431	4																						Gas station					

Risk analysis

Project	Peru LNG
Route:	Ica - Lima (South Panamericana)
Date	1/13/2007

Urn	U	Vehicle Transit	Vt	Tractors Cross	TC	Undulating Track	UT
Panels	PA	Informal whereabouts / whereabouts	IW	Curve	C	Rock Falls	RF
Maximum Speed	MS	Way Crosses	CV	Winding Curve	WC	Slides/knocks	SK
Emergency Telephone	SOS	Detour or entrance	DE	U Curve	UC	Probability	P
Informal Dip	ID	Pedestrian cross	PC	Slope	SL	Severity	S
Cable Crosses	CC	Animal Cross	AC	Fog Zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS Point	East (m)	North (m)	Altitude (m)	Others U	PA	MS	SOS	Dangers ID	CC	TR	IW	PU	WC	DE	CP	AC	TC	C	WC	UC	SL	FZ	PO	RF	SK	Resources	Matrix P	S	R	Photo	Observations
298.00															1													3	1	3		Airport
298.00																											Urban zone	3	2	6		
298.00																											Mall					La Angostura
298.00														1														3	3	9		
299.00	5	419236	8446782	432																							End double way					
299.00																											Vulcanizer shop					
299.00											1	1				1											Market	4	2	8		
300.00	1	421158	8444965	420																							Main square of Ica				1	
300.00																											Municipality					Ica
300.00	2	420061	8444875	421																							Ovalo Quiñones				2,3	
300.00	3	419642	8446164	426																							Gas station					Repsol
300.00	4	419484	8446338	427																							Firefighters					171 "Ofelia Banchero La Torre
					493	25	33	39	7	25	62			4	55	77	25	12	104	2	0	37	8	10	3	7	TOTAL					

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn U / Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully G / Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia: Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	G	MS	B	Dangers: D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
0.00	1	374580	8486981	76										1															2	2	4	1	South Panamericana - Libertadores
0.00																												Police station					San Clemente
0.50	2	374946	8487135	86												1													2	2	4		
0.50											1																		2	2	4	2	Whereabouts and transit
0.50	3	375154	8487227	92																								Health Center					San Clemente
1.50	4	375762	8487369	97																								Double road					
2.00	5	376862	8487470	92	1																											3	
2.50	6	376749	8487456	99																								Highway Patrol				4	
2.50																1												Gas station	3	1	3		
2.60					1																												
2.90	7	377457	8487548	101													1												3	1	3	5	
3.00	8	377629	8487568	109															1										2	1	2	6	
5.00	9	379393	8487241	127															1										2	1	2		without signposting
5.60					1																												
5.80	10	380051	8487168	120															1										2	1	2		
5.80					1																												
6.00	11	380510	8487197	125											1														1	3	3	7	Factory Rama Fibra
6.00																1	1											Perurban Zone	3	2	6		
6.50							1																						2	2	4		80 km/h
7.50	12	381683	8487221	131	1																											8	
7.80	13	381990	8487285	140											1														3	1	3		Ranch
8.50	14	383008	8487342	151															1										2	1	2		
8.50															1														3	1	3		Ranch
9.30	15	383672	8487380	155															1										2	1	2		
10.00							1																										55 km/h
10.40	16	384777	8487101	159															1										3	2	6	9	
10.40																1	1	1										Populated zone	4	1	4	10	José Olaya
10.40																		1											3	1	3		
10.80							1																										90 km/h
10.90	17	385210	8487048	162	1										1														2	2	4	11,12	
11.50	18	385940	8487030	169															1										3	2	6	13,14	
11.50														1															3	2	6		
12.10	19	386571	8486856	186														1											3	1	3	15	
12.60	20	386924	8486786	183																								Cementery				16	open
13.00	21	387388	8486663	189											1														1	3	3		Ranch
13.50	22	387864	8486527	193											1														1	3	3	17	Independencia
13.50																												Municipality					Independencia
13.50																									1				3	2	6		
14.10															1														1	3	3		Ranch
14.20																			1										2	1	2		without signposting
15.00	23	389088	8486138	213							1					1												Urban Zone	2	2	4	18	Independencia
15.50	24	389584	8485987	221												1												Restaurant	3	1	3	19	
15.50											1					1												Gas station	3	1	3	20	
15.50																												Mechanical help				21	
15.50																												Restaurant				22	El Oasis
15.50															1														1	3	3		Exit Independencia
16.00	25	390117	8485765	230																								Gas station					
16.00																												Electric service					
16.00																		1											3	1	3		
16.50	26	390721	8485484	236	1																							Automotors				23,24	San Vicente
17.00	27	391025	8485322	242	2																											25,26	5 years ago
18.00	28	391887	8484954	253												1	1											Populated zone	3	1	3	27	Santa Beatriz
18.10					1																												of 1999
18.40	29	392187	8484826	264																								Highway patrol				28	
18.50					1											1													3	2	6		
18.50																	1												3	2	6		
19.00	30	393191	8484382	270																								Gas station					
19.00																												Restaurant					
19.00																		1											3	1	3	29	
19.00															1														1	3	3		Santa Luisa
19.00																	1												3	1	3		
19.90																												Gas station				30	Huascarán
20.00																1													3	1	3		
20.00																		1											3	1	3		
20.00																												Highways	2	3	6		
20.00	31	394103	8483867	279																								Vulcanizer shop					
20.80	32	394307	8483767	277											1														1	3	3	31	
21.00																												Chute	4	2	8	32	

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
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		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others U	Others G	Others MS	Others B	Dangers D	Dangers S	Dangers TR	Dangers CC	Dangers Br	Dangers CV	Dangers DE	Dangers PC	Dangers AC	Dangers TC	Dangers C	Dangers WC	Dangers UC	Dangers SL	Dangers PH	Dangers GF	Dangers UT	Dangers RF	Dangers SK	Resources	Matrix P	Matrix S	Matrix R	Photo	Observations
21.00												1																	3	4	12		High tension
21.80	33	395299	8483289	291								1																	3	4	12	33	Electric sub station
22.00	34	395674	8483114	300							1					1												Urban Zone	4	1	4		Dos Palmas
22.00							1																						3	2	6		40 km/h
22.10																			1										3	2	6		
22.10														1															3	2	6		
22.30	35	396079	8482955	296	1						1																		3	3	9		Whereabouts
22.30																						1							3	2	6		
22.90					1							1																	4	2	8		High tension
22.90															1														1	3	3		
23.00	36	396816	8482684	317																					1				3	2	6		
23.50					1													1											3	1	3		
23.90	37	397453	8482446	325									1																2	1	2	34	Bull head, 60 Tn y 20 m
23.90																									1				3	2	6		
24.00	38	397725	8482371	339															1										2	2	4		
24.00																1													2	2	4		
24.00							1																										55 km/h
24.80	39	397975	8482365	341																1									4	2	8	35	
24.90	40	398208	8482305	349																								Gas station					D2
24.95	41	398342	8482233	350															1										2	2	4		
24.95																											1		2	2	4		
24.95																	1												3	1	3		
25.10	42	398469	8482211	350											1														1	3	3	36	
25.40	43	398773	8482109	339	4														1										4	3	12	37,38	
25.40																						1							4	3	12	39	
25.40																										1			4	3	12		
25.60	44	398754	8481809	338															1										4	3	12		
25.60																										1			2	2	4		
25.60																	1												2	2	4		
26.10	45	399511	8481629	329	1															1									3	1	3		
26.90	46	399937	8481666	334															1										2	1	2		
26.90													1																2	1	2	40	San Ignacio, 60Tn y 12m
27.00					1																												
28.00																	1												2	2	4		
29.00					1																												
29.70	47	402679	8482540	379																								Gas cross				41	Camisea
30.00	48	403092	8482608	395																1									4	1	4		
30.40																												Municipality					Humay
30.40																		1											3	1	3		
30.40																			1										3	2	6		
30.40								1																					1	2	2		
30.50																1													3	1	3		
30.70	50	403841	8482678	392																								Health Center				43	Humay
30.70																												Police station				44,45	
31.00	51	403851	8482679	395																								Municipality				46	Humay
31.00								1																					1	2	2		
31.10																			1										3	3	9		
31.30	52	404348	8482733	397															1										3	3	9		
31.30							1																										40 km/h
32.05																			1										3	1	3		
32.05																									1				2	4	8		from the km 31 to 32
32.15																			1										3	1	3		
33.00																1													3	1	3		
33.40																			1										2	2	4		Moderated
33.95	53	406587	8483538	443															1										3	1	3	47	
34.10	54	406595	8483544	453															1										2	2	4		
34.10																										1			2	2	4		
34.90	55	407386	8483728	458																						1			2	2	4		
34.90																				1									3	2	6		
34.90																	1												2	2	4		
34.90																1													2	2	4		
35.80	56	407975	8483764	462															1										3	2	6	48	
35.80																										1			4	2	8		
35.90	57	408202	8483865	461																1									3	2	6	49	
35.90																										1			2	2	4		
36.00	58	408609	8484046	468																1									3	2	6		
36.00																										1			2	2	4		
36.50	59	409145	8484286	472																1									3	2	6		
37.00																			1										3	2	6		

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				Dangers																					Matrix				
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	P	S	R	Photo	Observations
37.40																			1										3	3	9		
37.40																										1			2	3	6	50	
37.50	60	409764	8484562	476															1										2	2	4	51	
37.50																										1			4	2	8		
37.50																						1							2	3	6		
37.60	61	409859	8484603	471																								Archeological zone				52,53	Ruins Tambo colorado
38.00																			1										4	2	8	54	
38.20	62	410192	8484752	481															1										3	2	6		
38.20																										1			2	2	4		
38.20																			1										3	2	6		
39.00	63	411180	8485161	500																1									3	2	6		
39.00																						1							3	1	3		
39.50																			1										2	2	4		
39.50																			1										4	1	4		without signposting
39.60	64	411396	8485364	506																1									2	2	4		
39.60																										1			2	2	4		
40.00																										1			2	2	4		
40.10	65	411844	8485598	521															1										2	2	4		
40.10																										1			2	2	4		
40.35	66	412063	8485765	529															1										3	2	6		
40.35																1	1											Perurban zone	4	1	4		
40.35																				1									3	3	9		
40.70	67	412138	8485911	531	1														1										3	2	6	55	
40.70																	1												3	1	3		
40.70																1													3	1	3		
40.80																			1										3	2	6		
40.80																	1												2	2	4		
41.00	68	412336	8486233	531													1												2	2	4	56	
41.00																			1										4	2	8	57	
41.00																										1			2	2	4		
41.25	69	412412	8486565	537															1										2	2	4		
41.25																	1												3	1	3		
41.25																										1			4	2	8		
42.00	70	413219	8486851	540															1										2	2	4	58	
42.00																1	1											Populated center	4	1	4		Hualla Grande
42.00																										1			3	2	6	59	
42.50																1													3	1	3		
42.40	71	413586	8486968	552																1									2	2	4		
42.40																										1			3	2	6		
43.00	72	413993	8487097	558															1										3	2	6		
43.00																										1			3	2	6		
43.20	73	414222	8487254	565															1										3	2	6		
43.20																										1			2	2	4		
43.45	74	414440	8487361	572															1										3	2	6		
43.45																										1			2	2	4		
43.50																			1										3	2	6		without signposting
43.50																										1			3	2	6		
43.70																			1										3	3	9		
43.70																										1			2	2	4		
44.00	75	414834	8487628	587																1									3	3	9	60	
44.00																										1			3	2	6		
44.70	76	415297	8488128	585															1										2	2	4		
44.70																1	1											Perurban zone	3	1	3		
45.00																			1										2	1	2		without signposting
45.40																				1									2	1	2	61	
45.40																			1										2	1	2		
45.60																			1										3	2	6		
45.80																			1										3	1	3		
45.80																						1							2	2	4		
46.10	77	416314	8488874	597																1									2	2	4	62	
46.75	78	416602	8489143	602																1									2	2	4	63	
46.75																										1			2	2	4		
47.00	79	416823	8489616	611															1										3	3	9		
47.00																										1			2	2	4		
47.60																				1									2	2	4		
47.60																										1			2	2	4		
48.10	80	417750	8489733	635																1									2	2	4		
48.60	81	418101	8489647	637																								Gas cross				64	

Risk analysis

Project: Peru LNG
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		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia: Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (24)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	G	MS	B	Dangers: D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
48.60																			1										3	1	3	65	
48.60																										1			3	2	6	66	
48.60																			1										4	2	8		Without protection banisters
48.78	82	418371	8489638	639															1										4	2	8		Without protection banisters
49.20	83	418727	8490002	658		1													1										3	2	6		
49.20																										1			3	1	3		
49.40	84	418873	8490066	665															1										3	3	9		
49.40																										1			3	2	6		
49.40																			1										3	3	9		
49.80	85	419174	8490032	673																1									2	2	4		
49.80																1	1											Populated center	4	1	4	67	San Vicente
49.80																												Healthy annexe					San Vicente
50.00	86	419185	8490025	677																1									4	3	12	68	
50.00																										1			4	2	8	69,70	it is extended 400 m
50.50	87	419682	8490498	682																						1			3	2	6	71,72,73	With filtration - 800 m
50.75	88	419652	8490574	684		1													1										4	2	8	74	
50.75					1																												de 1991
51.10	89	420007	8490877	691															1										3	2	6		
51.30	90	420178	8490936	695		2													1										3	3	9		The highway gets narrow
51.55																				1									3	2	6		
51.55																										1			3	2	6		
51.70	91	420684	8490863	717															1										2	2	4		
51.70																										1			3	2	6		
52.10																				1									3	2	6		
52.10																1	1											Perurban zone	4	1	4		
52.30	92	421026	8491321	737					1																		1		3	2	6	75	
52.30																			1								1	Healthy annexe	3	3	9		Quita Sol
52.65																1			1										3	2	6		
53.00	93	421366	8491258	742																								Gas cross				76,77	
53.15					1															1									2	2	4		
53.30	94	421754	8491576	740																						1			3	2	6		
54.00	95	422033	8491853	733									1						1										4	2	8	78	La Quinga, 60 Tn - 38 m
54.25	96	422371	8491894	741																								Gas cross					
54.50																			1										3	1	3		
54.55																			1										3	1	3		
54.70																			1										3	1	3		
54.70																										1			2	1	2		
54.95																										1			2	1	2		
54.95												1																	3	4	12		High tension
55.35	97	423333	8491874	755	1															1									3	1	3		are 2, High Tension Tower
55.85	98	423808	8491990	765																						1			4	3	12		Until the Km 57.50
55.85																				1									3	1	3		
56.65																			1										3	1	3		
56.80																				1									2	2	4		
56.80																										1			3	2	6		
56.80																											1		3	2	6		
57.70	99	425346	8492568	791																1									2	2	4		
57.70																										1			3	2	6		until the km 61
58.25																			1										2	2	4	79	
58.65																1	1											Perurban zone	4	1	4		Sign do not overtake
59.40																			1										3	2	6		
59.40																										1			3	1	3		
59.75	100	427261	8493538	852																1									2	2	4		
60.15																				1									3	1	3		
60.35	101	427738	8493989	873															2										3	2	6		
60.65																			2										3	2	6		
60.65																										1			3	2	6		
60.70	102	427947	8494137	876																								Gas cross					
61.10	103	428138	8494311	875															1										3	1	3		
61.25	104	428340	8494551	879															1										3	2	6		
61.25																						1							2	2	4		
61.85	105	428841	8494722	883															2										3	2	6		
62.15	106	429034	8494834	889										1					1										2	2	4	80	
62.25																										1			2	2	4		
62.40	107	429435	8495056	901												1			1			1							3	2	6		
62.85																										1			2	2	4		
63.00	108	429947	8495132	923																						1			3	1	3	81	

Risk analysis

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		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (12)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				Dangers																					Matrix				
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	P	S	R	Photo	Observations
63.40																			1										2	2	4		
63.40																	1									1			2	2	4		
64.30																			1										3	2	6		
64.90	109	431334	8495841	973															1										4	2	8		
64.90																												Healthy annexe					Kosmonte del Cent. Pob Huancano
65.00					1														1										2	2	4		
65.00																										1			2	2	4		
65.50	110	432399	8495765	994															1										2	2	4	82	
66.00	111	432602	8495828	989												1	1											Gas cross	3	1	3	83	
66.00																												Restaurant				84	
66.00																												Gas cross				85	
66.10	112	432752	8495965	1022												1	1											Populated center	4	1	4	86,87	Sign
66.30	113	432826	8496105	1025																1									4	2	8		
66.50	114	432922	8496256	1033												1	1											Populated center	4	1	4		Huancano
66.50																												Municipality					Huancano
66.50	115	433030	8496362	1030																								Gilat Telephone				88	(056) 812067
66.50	116	433057	8496365	1031																								Public telephone				89	(056)834000 telephonic
66.50	117	433131	8496306	1037											1														1	3	3		
66.50	118	433234	8496254	1038									1																3	4	12	90	problem of passing narrowness, all the years landslides
66.70	119	433261	8496386	1034																								Health Center				91	Huancano, the cell phone does not have sign, 01 doctor, 01 obstetric, 01 dentist, 01 lic nurse, 01 techniciannico, broken motorcycle, 01 observation bed, in case of emergency they use from the municipality and 02 particulars
67.40	120	433514	8496441	1029																							1		3	2	6	92	
67.80	121	434049	8496310	1023															1										2	2	4		
68.00																			1							1			3	1	3		
68.40																			2										4	2	8		
68.40	122	434453	8496439	1029									1																2	1	2	93	Huancano, 60 Tn, 40 m
68.40																						1							3	1	3		
68.40																										1			2	2	4		
68.60	123	434846	8496567	1039																								Healthy annexe				94	Rest
68.70																1	1		1									Perurban zone	3	1	3		
68.90																			1										3	1	3		without signposting
69.00																			1										3	1	3		
69.35																						1							3	2	6		
69.40	124	435756	8496913	1093																1									3	2	6		
69.40	125	435855	8496981	1105															1							1			4	2	8		
70.00	126	436017	8497061	1119		1													1			1							3	2	6		
70.10																				1						1			3	2	6		
70.50																			1										3	2	6		
70.80	127	436717	8497076	1114																1									4	3	12	95,96	
70.80																										1			4	2	8		
70.85																			1										3	1	3		
71.05	128	437017	8496962	1105															1										3	1	3		
71.50																			2										3	1	3	97	
71.50																										1			4	2	8		
71.50																												Restaurant					Rest zone
72.00																			1										3	1	3		
72.30	129	438116	8496483	1105															1										2	1	2		
72.30																										1			3	1	3		
72.55																	1		2										3	1	3		
73.00								1																					1	2	2		
73.75	130	438399	8496016	1120																								Toll				98	Pacra
73.75																												Highway patrol					
73.85	131	438749	8495506	1135															2										3	2	6		
73.95					1														1										3	2	6		
73.95																										1			3	1	3		
74.45	132	439464	8495871	1145															2							1			4	1	4	99	
74.60																			1										3	1	3		
74.75	133	439567	8496033	1152																								Gully					

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

Maximum Speed MS
Bump B
Dip D
Stream S
Urn U
Transit TR
Gully G
Cables Crosses CC

Bridge Br
Road crosses RC
Detour or entrance DE
Pedestrian cross PC
Animal Cross AC
Tractors crosses TC

Curve C
Winding Curve WC
U Curve UC
Slope SL
Pot holes zone PH
Geological Failure GF

Undulating Track UT
Rock Falls RF
Slides/knocks SK
Probability P
Severity S
Risk R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others U	Others G	Others MS	Others B	Dangers D	Dangers S	Dangers TR	Dangers CC	Dangers Br	Dangers CV	Dangers DE	Dangers PC	Dangers AC	Dangers TC	Dangers C	Dangers WC	Dangers UC	Dangers SL	Dangers PH	Dangers GF	Dangers UT	Dangers RF	Dangers SK	Resources	Matrix P	Matrix S	Matrix R	Photo	Observations
74.95	134	439635	8496125	1156															1							1			4	2	8	100	
75.10																1	1		1									Perurban zone	4	1	4		
75.10																												Vulcanizer shop					
75.10																												Restaurant					
75.35																			1										3	2	6		
75.35																										1			2	2	4		
75.80																1	1												3	1	3		
75.90																			1			1							4	1	4		
76.00																												Gully	2	4	8		
76.60																			1									Tire shop	2	2	4		
76.60																	1	1										Rest zone	3	1	3		
77.00	135	440504	8497973	1208															1										3	1	3		
77.35															1	1													4	1	4		
77.65	136	440801	8498554	1221															2										3	1	3		
77.65																										1			2	2	4		
78.00																			1							1			3	2	6		100 m
78.35																			1										2	1	2		
78.75																												Rest zone					
78.75																												Vulcanizer shop					
78.85																			2										3	2	6		
79.00																1	1											Perurban zone	4	1	4		
79.00																										1			2	2	4		
79.35					1														1										4	1	4		
79.40	137	441677	8499911	1239																									3	3	9	101,102,103	Quebrada Pacra
79.40																										1			2	2	4		
79.60	138	441878	8499966	1247									1																2	1	2	104	Pacra, 60 Tn, 38m
79.60															1														1	3	3	105	
79.75	139	441771	8500163	1254																						1			2	2	4		
79.75																			1							1			4	1	4		
80.00	140	442138	8500278	1270		1									1														1	3	3	106	to Huancavelica
80.10																			1										2	1	2		
80.10																												Aerial water pipeline	3	2	6		
80.15																	1												3	1	3		
80.50																			2										3	1	3		
80.60																										1			3	2	6	107	
81.20	141	443387	8500147	1331											1														1	3	3	108	Ascent to pampano
81.20																										1			2	2	4		
81.25																	1		1										4	2	8		
81.50	142	443765	8500069	1349																						1			2	2	4	109	
81.75																			1										3	2	6		
82.00						3													1										3	2	6		without signposting
82.25	143	444110	8499997	1371					1																				3	2	6	110,111	
82.25																			1										3	3	9		without signposting
82.95																			2										4	2	8		
83.00						3																						Gully	2	3	6		
83.50	144	444076	8498404	1375	1								1						2										3	4	12	112,113	Huaytará (60Tn - 75m)
83.70	145	444070	8498388	1376															1										2	2	4	114	Limite departament, Ica - Huancavelica
83.90																			1										2	2	4		
84.10						4										1	1		1										4	1	4		
84.10																										1			3	1	3		
84.50	146	444661	8497688	1419			1		1										1										4	1	4	115	40 km/h
84.70																			1										3	1	3		
84.85																			1										3	1	3		
85.00						4													2										2	2	4		
85.25	147	444662	8497619	1443					1																				2	2	4		
85.35	148	445425	8497382	1460												1	1		1										3	2	6		
85.45																			1										2	2	4		
85.70																			1										3	1	3		
85.70																										1			2	2	4		
86.00						4																				1			2	2	4		
86.15					1														2										3	2	6		
86.60																			2										3	2	6		
86.70	149	446424	8496937	1506					1																				4	2	8	116	
86.90																										1			3	1	3		
87.25																			2										3	2	6		
87.25																										1			3	1	3		
87.55						4																				1			3	1	3		

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn U / Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully G / Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	Others: G	Others: MS	Others: B	Dangers: D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
87.80	150	447272	8496349	1551					1																			Aerial water pipeline	3	2	6	117	
88.10	151	447376	8496101	1561		5			1																	1			3	2	6		
88.15																			2										3	2	6		
88.20																1	1									1		Perurban zone	3	1	3		
88.35	152	447387	8496098	1578																1									2	2	4		without signposting
88.70																			1										2	2	4		
88.85																				1									3	2	6		
88.85																										1			3	1	3		
89.00						2																						Perurban zone					
89.30																			1										2	1	2		
89.60																				1						1			3	1	3		
89.80	153	448302	8495655	1623									1																2	1	2	118	Cuyahuari, 60Tn, 49m
90.00						2																				1			3	1	3	119	
90.25																			1							1			3	2	6		
90.60	154	449264	8495090	1646					1										1								1		4	2	8		
90.60																										1			3	3	9		
90.70	155	449549	8495184	1650					1																				3	2	6		
91.20						4																					1		3	2	6	120	
91.20																				1									2	1	2	121	
91.35	156	450499	8495352	1691															1										3	1	3		
91.80																			2										2	2	4		
92.45						4																				1			3	1	3	122	
93.00	157	451683	8495839	1749		5													1										2	1	2		
93.30																			1										3	1	3		without signposting
93.30																1													3	1	3		
93.40																				1		1							2	2	4		
93.70																			2										2	2	4		
93.80																			1										3	1	3		
93.50																										1			2	2	4		
93.90																1													3	1	3		
94.45	158	452677	8495452	1805		4							1																2	1	2	123	Tulpa, 60Tn, 50m
94.55																			2										3	2	6		
94.85																					1								4	2	8		
95.00																					1								4	2	8		
95.10																										1			2	2	4		
95.15																			1										2	1	2		
95.30																			1										2	2	4		
95.30																										1			3	1	3		
95.65	159	453369	8495326	1892			1																						2	2	4		
95.75	160	453634	8495049	1890									1																2	1	2	124, 125	2 de Mayo, 60Tn, 52m
95.75																			1										2	2	4		
95.75																										1			2	2	4		
96.00	161	454056	8494877	1901																								Rest zone					
96.00																												Aerial water pipeline	3	2	6		
96.00																												Car wash					
96.30	162	454063	8494876	1904	1				1																				4	2	8		
96.45																			2			1				1			4	4	16		
96.85	163	454761	8495005	1948									1																2	3	6	126	Pati, 60Tn, 30m
96.95	164	454760	8495008	1958					1																				4	2	8	127	Video and other photos
96.95																											1		4	2	8		
97.30																			1										2	1	2		
97.55																			1										2	1	2		
97.55																										1			3	1	3		
97.90																			1										3	1	3		
98.00	165	454761	8495005	2023		2			1																				3	3	9	128	
98.00																								1					3	2	6	129	
98.00																										1			3	2	6		
98.00																1	1												4	1	4		
98.30																			1										2	1	2		
98.50																			1										2	1	2		
98.70																				1									3	2	6		
98.70																								1					3	2	6		
98.70																1													3	1	3		
98.80																	1												3	1	3		
98.90																			1										3	1	3		
99.10						3													1										2	1	2		
99.20	166	456459	8495391	2083					1																				4	2	8		

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

Maximum Speed MS
Bump B
Dip D
Stream S
Transit TR
Cables Crosses CC

Urn U
Gully G

Bridge Br
Road crosses RC
Detour or entrance DE
Pedestrian cross PC
Animal Cross AC
Tractors crosses TC

Curve C
Winding Curve WC
U Curve UC
Slope SL
Pot holes zone PH
Geological Failure GF

Undulating Track UT
Rock Falls RF
Slides/knocks SK
Probability P
Severity S
Risk R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				Dangers																			Matrix				
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	P	S	R	Photo	Observations
99.20																										1			2	2	4		
99.70																			1										3	2	6		
99.80	167	456798	8495361	2103																	1								3	3	9		
99.90	168	456682	8495281	2110																	1								4	2	8		
100.10																			2										4	2	8		
100.20						4													1										3	2	6		
100.20																										1			3	1	3		
100.50	169	457100	8495237	2142									1																2	3	6	130	Muchic, 60Tn, 60m
100.50																			2										3	2	6		
100.90	170	457339	8495478	2151																								Health Center				131	Muchic
100.95	171	457382	8495539	2157					1																				3	2	6	132	
101.10	172	457508	8495599	2166												1												Gilat Telephone	3	1	3	133	(064)812648
101.20	173	457500	8495599	2178		3															1								4	2	8		
101.30																					1	1							4	2	8		
101.75																			1									Aerial water pipeline	2	1	2		
101.75																										1			3	1	3		
102.00						2											1												2	2	4		
102.15																	1		1										2	1	2		
102.40																			1			1							4	2	8		
102.40																			1										3	3	9		
102.80																	1												3	1	3		
103.15	174	458028	8495504	2254																	1								4	2	8		
103.15																			2										3	2	6		
103.70																			1										3	1	3		
104.05	175	458647	8495663	2281									1																2	3	6	134	Ana Teresa, 60 Tn, 49m
104.05																			2										2	2	4		
104.05																1												Perurban zone	4	1	4		
104.70	176	459358	8495817	2318					1																				3	1	3	135	
104.70																			1										2	1	2		
105.15																			2										3	1	3		
105.55																	1												2	2	4		
105.70																					1	1							4	2	8		
106.00						5														1		1							4	2	8	136, 137	
106.55	177	460272	8496200	2399									1																2	3	6	138, 139	Tsej Tsi 60Tn, 80m
106.65																			1										3	3	9		
106.90																												Vulcanizer shop					
106.90																												Rest zone					
107.00						4													2										2	1	2		
107.00																	1												3	1	3		
107.50	178	460916	8496957	2452																	1	1							4	2	8		
107.50																1	1												3	1	3		
107.70																			1										2	2	4		
108.00	179	461135	8496573	2470															1										2	2	4		
108.10	180	461132	8496573	2472											1														1	3	3	140	Entrance to Chuqicara
108.10																1	1											Urban zone	4	1	4		
108.10	181	461122	8496328	2484									1																2	3	6	141	
108.10																												Vulcanizer shop					02, autogenous, electric, battery charge
108.50																			1										3	2	6		
108.70	182	460828	8496067	2507		3															1	1							4	2	8		
109.25					1	5																											
109.35																1	1		1										4	2	8		
109.50																			1										2	2	4		
109.70	183	461406	8496506	2554											1														1	3	3	142	Detour to Huaytara
110.00						3														1									2	2	4		
110.20																1	1											Urban zone	4	1	4		
110.40	184	461741	8496281	2591									1																2	1	2	143	Tranca 50Tn, 50m
110.40																												Highway patrol				144	
110.50																				1									4	2	8		
110.50																1													2	2	4		
111.00						4															1								4	2	8		without signposting
111.30																												Vulcanizer shop					
111.30																												Gas station					
111.30																					1	1							4	2	8		
111.50	185	462271	8496131	2658											1	1	1												4	1	4	145	Entrance to Huaytara

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Tractors crosses	TC	Geological Failure	GF	Risk	R
Transit	TR						
Cables Crosses	CC						

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	Others: G	Others: MS	Others: B	Dangers: D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
111.50	186	461820	8496004	2653												1												Urban zone	4	1	4		Huaytara: Municipality, PNP, Public telephone: (067) 830024 - 830080 (telephone), Gilat telephone
111.50																												Municipality					Huaytara.
112.00	187	462486	8496002	2715															1									Aerial water pipeline	2	1	2		
112.30					1											1	1												3	1	3		
112.60	188	463033	8496274	2755																	1								3	3	9		
113.15						4														1									4	2	8		
113.35	189	462728	8495808	2786					1																				4	2	8	146	
113.45																			2										2	1	2		
113.45																1	1												3	1	3		
113.85																					1	1							4	2	8		
114.30																			1			1							2	1	2		
114.30																										1			3	1	3		
114.70						5													1										2	2	4	147	
114.80																										1			2	2	4		
114.80																1													2	2	4		Peolple play on the highway
115.10																			1										3	1	3		
115.45	190	463504	8495777	2888															1										2	2	4		
115.45	191	463772	8495567	2900									1																2	3	6	148	Pichushuayco 60Tn, 50m, height sickness
115.45																			1										2	2	4		
115.80																1	1		1										3	2	6		
116.00											1																		3	2	6		
116.25	192	464096	8495949	2926		2													1										2	1	2		Height sickness
116.50	193	464378	8496159	2941															1			1							4	2	8		Height sickness
116.80																			1										2	2	4		
117.00						3															1								4	2	8		
117.45																	1		1										3	1	3		
117.60																					1								3	3	9		
117.60																												Aerial water pipeline					
117.85																			1										2	1	2		
118.20	194	464239	8495768	3016																								Fog zone				149	Height sickness
118.20																			1										3	1	3		
118.50						2													2										4	1	4		
118.75	195	464041	8495316	3064																	1								4	3	12		Height sickness
119.00																			1										2	1	2		
119.00																										1			3	1	3		
119.30	196	464017	8495659	3067																							1		3	2	6	150	Height sickness
119.70																			1										3	1	3		
119.90	197	464595	8495703	3081																								Fog zone				151	Height sickness
120.00																				1									3	2	6		
120.15	198	464991	8495439	3099									1																2	3	6	152	Jatun huatas, 60Tn 55m, height sickness
120.30																			1										2	2	4		
120.60																										1			2	2	4		
120.70																				1									3	1	3		
120.80	199	465304	8495913	3125									1																2	3	6	153	Amargura I 60Tn, 40m, height sickness
120.90						2														1									4	1	4		
121.00	200	465517	8496045	3137					1																				2	2	4		height sickness
121.35	201	465876	8496138	3168																	1								2	2	4		height sickness
121.35																			2										3	1	3		
121.35																											1		2	2	4		
121.90	202	465616	8495951	3179					1																				4	2	8	154	Height sickness
122.50	203	465410	8495744	3198		2							1														1		2	4	8	155	Amargura II, 60Tn, 32m, height sickness
122.30	204	465191	8495628	3220																	1								4	3	12		Height sickness
122.60	205	465348	8495600	3224									1																2	3	6	156	Amargura III, 60Tn, 35m, height sickness
122.85																			1										2	2	4		without signposting
122.85																			1										2	2	4		
123.10						3													1										3	1	3		
123.35	206	465958	8496028	3267															1										2	2	4		Height sickness

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia: Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	G	MS	B	Dangers: D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
123.75	207	466208	8495996	3276									1																2	3	6	157	Chulhua, 50Tn, 5m, height sickness
123.80																			2										3	1	3		
123.80																										1			2	2	4		
124.55					2	2													1										3	3	9		
124.90	208	466229	8496805	3330											1														1	3	3	158	San Antonio de Cusicancha, heightsickness
125.00																												Municipality					San Antonio de Cusicancha.
125.05						3													1										2	1	2		
125.20																			1										2	1	2		
125.20																	1												3	1	3		
125.65	209	466930	8497131	3372									1																2	1	2	159	Ranramayo, 60Tn, 50m, heightsickness
126.55						3													1										3	1	3		
126.55															1	1	1											Ranch	4	1	4		Ajos de Huaytara
126.55																										1			2	2	4		
126.55																												Highway patrol					
126.55																												Tire service					
127.10	210	468029	8497252	3460		1													1										3	1	3	160	Height sickness
127.10									1																				3	2	6		
127.50																				1									3	1	3		
127.80	211	468360	8497390	3503																1									4	2	8		height sickness
128.20	212	468668	8497474	3516	1	2													1										4	1	4		height sickness
128.40																			1										2	2	4		
128.40																	1												3	1	3		
129.00	213	469148	8497453	3562		1													1										2	1	2		Height sickness
129.30	214	469384	8497858	3563									1																2	1	2	161	Suyacuna, 60Tn, 60m, height sickness
129.30																									1				3	2	6		
129.40	215	469419	8497680	3567									1																2	1	2	162	Yuraccasa, 50Tn, 48m, height sickness
129.60																										1			3	1	3		
129.80																			1										3	1	3		
130.15	216	469348	8498299	3602															1									Fog zone	3	2	6		height sickness
130.15																										1			3	1	3		
130.15																		1											3	1	3		
130.70						3													1										3	1	3		
131.00						3													1										3	1	3		
131.40																			2			1							3	2	6		
132.00	217	471079	8498389	3681									1																2	3	6	163	Ceniza, 60Tn, 14m, height sickness
132.20						2													1										3	2	6		
132.20	218	471627	8498496	3723																						1			3	1	3		Height sickness
133.00						3													1										3	1	3	164	
133.90	219	472255	8498446	3747									1																2	3	6	165	Serapio, 60Tn, 14m, height sickness
133.40																			1										3	2	6		
133.60	220	472632	8498406	3767									1																2	3	6	166	Yuracmachay, 60Tn, 14m, height sickness
133.60																			1										3	2	6		
134.00						2													1			1							3	2	6		
134.90	221	473526	8498577	3822															1										3	2	6		Height sickness
135.00	222	473656	8498593	3824		1							1																1	2	2	167	Itanacancha,height sickness
135.60	223	473287	8498945	3848																							1		3	2	6	168	height sickness
135.70																			1										3	2	6		
136.00	224	472980	8499246	3870		2													1									Fog zone	4	2	8	169	height sickness
136.60																			1										3	2	6		
136.60																									1				3	2	6		
137.00																										1			3	1	3		
137.55						3													1										3	1	3		
137.90	225	474602	8500021	3945																								Fog zone				170	height sickness
137.95																			1										3	1	3		
138.45	226	475043	8500662	3963									1																1	2	2	171	Mollepallana, height sickness
138.45																			1										3	1	3		
138.70						1													1										2	2	4		

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia: Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	G	MS	B	Dangers: D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
138.95	227	474520	8500614	3977									1																1	2	2	172	Cicchobamba, 60Tn, 27m, height sickness
138.95																						1							2	2	4		
139.25						2													1										4	1	4		
139.25																										1			3	2	6		
139.65	228	473711	8500657	4025															1									Fog zone	4	3	12		height sickness
140.70	229	474580	8500987	4070		3							1																1	2	2	173	Allinamana, 60Tn, 26m, height sickness
140.70																			1										2	2	4		
140.70																			1										3	2	6		Presence of pot holes
141.10						1													1										4	1	4		
142.50																										1			2	2	4		
142.80	230	475914	8501986	4143		5							1																1	2	2	174	Mesie, height sickness
143.00						1													1										4	1	4		
143.50	231	476567	8501871	4189																			1						2	2	4	175	Hasta el km 149, height sickness
144.00						1																							3	1	3		
145.00						4													1										4	1	4		
145.20					1																												
146.80	232	479133	8503258	4307		1									1														1	3	3	176	Hacia Ayavi, height sickness
147.00						2																1				1		Fog zone	4	1	4		
148.10						1													1										4	1	4		
148.10	233	480696	8503394	4344												1	1											Urban zone	4	1	4	177	Los libertadores, height sickness
148.10																												Rest zone					
148.10																												Gas station					
148.10																												Fog zone					
149.35						2													1										2	2	4		
150.05																			1										2	2	4		
150.80																			1									Fog zone	3	2	6		
151.30						3													1				1						4	1	4		
152.00	234	483111	8505244	4392															2										3	2	6		height sickness
152.45																			1										2	2	4		
152.75																			2										4	3	12		
153.20	235	483060	8506599	4415																1									4	3	12		height sickness
153.80																										1			2	2	4		
153.80																			1										2	2	4		
154.40	236	483748	8506743	4445																								Fog zone	3	2	6	178	height sickness
154.50																			1									Fog zone	3	2	6		
155.55																			1									Fog zone	3	2	6		del km 154 al 158
156.00	237	486541	8508335	4442		2																						Fog zone	3	2	6		height sickness
157.00						2																											
158.60																	1												3	1	3		
159.00																			1										2	2	4		
159.15	238	487593	8509348	4444	4														1										2	2	4		height sickness
160.00	239	488307	8509602	4457																								Straight block	1	3	3		height sickness
160.15																			1										2	2	4		
160.15																							1						3	2	6		from km 160 to 162
160.95																			1								1		4	2	8		
161.00						1										1											1		4	1	4		Spoiled highway
162.60	240	490654	8509726	4469		1									1														1	3	3	179	Tunel de Choclococha, height sickness
162.85																			1										3	1	3		Wet road by rains
163.60																			1										4	2	8		
163.90	241	491833	8509572	4448																								Miner camp				180	Betania, height sickness
164.65	242	492261	8509945	4439									1																1	2	2	181	Choclococha, height sickness
165.50																			1										3	1	3		
165.60																			1										3	1	3		
166.10																			1										3	1	3		
166.50																			1										3	1	3		
166.85																			1										3	1	3		
167.70	243	495092	8511174	4385		3									1														1	3	3	182	height sickness
168.45					1												1												3	2	6	183,184	
168.45						1																	1						2	2	4		
168.80																			1										2	2	4		
168.80																										1			3	1	3		
168.80																							1						3	2	6		

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

Maximum Speed MS
Bump B
Dip D
Stream S
Transit TR
Cables Crosses CC
Urn U
Gully G

Bridge Br
Road crosses RC
Detour or entrance DE
Pedestrian cross PC
Animal Cross AC
Tractors crosses TC

Curve C
Winding Curve WC
U Curve UC
Slope SL
Pot holes zone PH
Geological Failure GF

Undulating Track UT
Rock Falls RF
Slides/knocks SK
Probability P
Severity S
Risk R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	Others: G	Others: MS	Others: B	Dangers: D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
169.45						1											1		1										3	1	3		
169.45	244	497011	8511954	4339																								Miner camp				185	Chaupi, height sickness
170.00	245	497153	8512035	4339									1																1	2	2	186	Cahupi, 60Tn, 38m, height sickness
170.00					1											1													2	2	4		
170.40						1													1										2	2	4		
170.70																			1				1						3	2	6		
171.30						2											1												3	1	3		
171.35																			1										3	1	3		
171.70	246	498315	8512746	4326									1																1	2	2	187	San Rafael, 60Tn, 57m, height sickness
171.80																			1										4	1	4		
172.10						2													1										4	1	4		
172.40																			2										2	2	4		
172.60																			2				1						3	2	6		
173.50	247	500309	8512759	4337		1													1										3	2	6		height sickness
174.20						2													1				1						4	2	8		
174.60																	1		1										4	1	4		
174.90	248	500748	8513153	4366																1									4	2	8		height sickness
175.20																				1									4	2	8		Wet road
175.90																			1										3	2	6		
176.00						2													1										3	2	6		
176.65																			1										2	2	4		Flat zone
177.00	249	502190	8513150	4428		1													1										3	2	6		height sickness
177.30																			1				1						4	2	8		
177.80	250	502516	8513828	4427									1																1	2	2	188	San Miguel, height sickness
178.10					1														1				1						4	1	4		
178.75						2													1										3	3	9		
179.00																				1			1						3	2	6		
179.00						3													1										3	2	6		
179.70	251	503813	8513736	4465																								Populated center	2	2	4	189	San Felipe, Radio: frequency of 5810, internal, key 36 delta, 01 lic nurse, height sickness
179.70																												Gilat Telephone					067-862661
179.70																												Health center				190	San Felipe, Radio: frequency of 5810, internal, key 36 delta, 01 lic nurse
179.70																1	1											Lodgings	3	1	3		
180.10						3													1				1						3	2	6		
180.50	252	504416	8514096	4471															1										3	1	3	191	height sickness
180.50															1														1	3	3	192	Huaytaccasa
180.70																			1										3	3	9		
181.10																	1			1			1						3	2	6		
181.50						5													1										3	3	9		
181.75																				1									4	2	8		
182.30						2													1										4	2	8		
182.50																			1								1		4	2	8		
183.10						3													1										3	3	9		
183.40																				1						1			3	2	6		
184.00						3														1									4	2	8		
185.00						3														1									4	2	8		
186.00																			1								1		4	2	8		
186.60	253	505219	8517689	4378	1	1														1									4	3	12		height sickness
187.20																				1							1		4	2	8		
187.70																				1							1		4	2	8		Rain
188.10	254	504800	8519033	4309		10													1							1			4	3	12	193	height sickness
188.60																1	1			1									4	2	8		
189.30						6											1			1							1		4	2	8		
189.60																				1									4	2	8		
190.00																			1										3	3	9		
190.40																			1							1			3	3	9		
190.70						6													1										3	2	6		
190.80																				1									4	2	8		
191.10																	1												4	2	8		
191.70																				1									4	2	8		without signposting
192.20	255	504791	8521723	4146		10											1			1									3	2	6		height sickness

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

Maximum Speed MS
Bump B
Dip D
Stream S
Transit TR
Cables Crosses CC
Urn U
Gully G

Bridge Br
Road crosses RC
Detour or entrance DE
Pedestrian cross PC
Animal Cross AC
Tractors crosses TC

Curve C
Winding Curve WC
U Curve UC
Slope SL
Pot holes zone PH
Geological Failure GF

Undulating Track UT
Rock Falls RF
Slides/knocks SK
Probability P
Severity S
Risk R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	Others: G	Others: MS	Others: B	Dangers: D	Dangers: S	Dangers: TR	Dangers: CC	Dangers: Br	Dangers: CV	Dangers: DE	Dangers: PC	Dangers: AC	Dangers: TC	Dangers: C	Dangers: WC	Dangers: UC	Dangers: SL	Dangers: PH	Dangers: GF	Dangers: UT	Dangers: RF	Dangers: SK	Resources	Matrix: P	Matrix: S	Matrix: R	Photo	Observations
192.60																				1									4	2	8		
192.60																			1										4	2	8		
193.00																			1										4	2	8		
193.50						5													1										4	2	8		
193.70																			1										4	2	8		
194.00																										1			3	2	6		
194.20	256	505415	8522595	4070																1		1							4	3	12		height sickness
194.70																			1										3	3	9		
194.90						4											1		1										4	2	8		
195.20	257	506328	8521613	3992									1																1	2	2	194	Rumichaca I - 60Tn, 60m, height sickness
195.70	258	506518	8521469	3986																								Toll					Limit of Huancavelica-Ayacucho, height sickness
195.70																		1										Highway patrol	3	1	3		
195.90	259	506627	8521328	3983		2																						Gas station	3	1	3	195	height sickness
195.90																	1											Vulcanizer shop	2	2	4		
196.00	260	506674	8521088	3976																								Health center				196	Ccarhuaccpampa: Radio (level from Ayacucho Minsa), Frequency 5095, 01 lic nurse and 01 support tech, height sickness
196.00																												Restaurant and lodgings					10 rooms
196.00																												Gilat Telephone					(066) 812234
196.00																												Gas station					
197.30	261	506611	8520711	3961															1										3	2	6		Rain, height sickness
197.60																			1										2	2	4		Rain
197.80						5														1									4	2	8		Rain
198.00																			1										4	2	8		Rain
198.20																			1										3	1	3		Rain
198.40																				1									3	3	9		Rain
198.80						2													1										4	3	12		Rain
199.15	262	507081	8519081	3983															1										3	1	3		height sickness
199.40																			1										2	2	4		
199.60						3													2										4	2	8		
199.80																				1									4	2	8		
200.10																	1												3	1	3		
200.40	263	508255	8518878	4028		4													1										3	3	9		height sickness
200.80																					1								4	4	16		
201.00																					1								3	3	9		
201.40																			2										4	2	8		
201.70	264	508073	8517942	4057	1	3														1									4	3	12		height sickness
202.50						7															1								4	3	12		
203.00	265	508812	8517182	4095																	1								4	3	12		height sickness
203.50	266	509007	8516738	4110		6													1										4	3	12		height sickness
204.00	267	508942	8516420	4124		4													1										4	3	12	197	height sickness
204.50	268	509202	8516371	4111													1												3	2	6	198	height sickness
205.00	269	509747	8516466	4098		2										1	1											Populated center	3	1	3	199	Ccarhuaccpampa, height sickness
205.50	270	510316	8516627	4091													1												2	2	4	200	height sickness
206.00	271	510607	8516819	4089		3														1									3	3	9		height sickness
206.40																	1		1										4	3	12		
207.00	272	510978	8517118	4056															1										4	3	12		Rain, height sickness
207.40	273	510972	8517993	4042		3														1							1		4	3	12		height sickness
208.00					1														1										4	3	12		
208.40	274	510910	8518808	4015																1							1		4	3	12	201	height sickness
208.50						4													1				1						4	4	16		
209.00						2														1									4	3	12		100 of pot holes
209.40																				1									4	3	12		
210.00						5														1									3	3	9		
210.10	275	511666	8519833	3973									1																3	4	12	202,203,204	Apacheta 60Tn, 48m, height sickness
211.00	276	511295	8519111	4001		7													1			1							4	3	12		height sickness
211.50																				1		1				1			4	2	8		
212.00						3														1						1			4	3	12		
213.00	277	512172	8520598	4066																1									3	3	9		height sickness
213.90						1				1										1						1			4	2	8		
214.00																			1							1			4	2	8		

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

Maximum Speed MS
Bump B
Dip D
Stream S
Urn U
Transit TR
Gully G
Cables Crosses CC

Bridge Br
Road crosses RC
Detour or entrance DE
Pedestrian cross PC
Animal Cross AC
Tractors crosses TC

Curve C
Winding Curve WC
U Curve UC
Slope SL
Pot holes zone PH
Geological Failure GF

Undulating Track UT
Rock Falls RF
Slides/knocks SK
Probability P
Severity S
Risk R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				Dangers																				Matrix				
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	P	S	R	Photo	Observations
214.40														1															3	3	9		Press the horn twice
214.90						1																				1			3	2	6		
215.20						2														1									3	2	6		
216.00																				1									3	2	6		
216.40																			1				1						4	2	8		
216.70						4											1												3	2	6		
217.00																			1										2	2	4	205	
217.00																			1										3	3	9		
217.40	278	515075	8523099	4204		2							1																3	1	3	206	Licapa, 38m, height sickness
217.40																1	1											Populated center	3	1	3	207	Licapa.
217.40					2														1							1			4	3	12		
218.00																1	1												3	2	6		
218.80																			1										3	2	6		
219.40																			1			1							4	2	8		
219.70						2											1												2	2	4		
220.50						8											1		1										4	1	4		
221.00	279	515715	8523136	4239		5																						Gas cross	1	3	3	208	height sickness
222.00																	1												3	1	3		
222.10						3													1										3	1	3		
222.30																			1										2	1	2		
223.00																												Straight block	1	1	1		
223.50						5													1										3	1	3		
223.50																	1												3	1	3		
224.00						2													1										2	2	4		
224.70																	1			1									4	1	4		
225.50	280	522194	8523418	4432		3									1														2	2	4	209	Hospital, height sickness
225.80																				1									4	3	12		
226.50						5											1			1						1			4	3	12		
227.50																				1		1							4	2	8		
227.80						5													1							1			4	1	4		
228.00																			1										3	1	3		
228.50						6														1									3	3	9		
229.00						7														1									3	3	9		
230.00																				1									4	3	12		
230.50	281	526688	8524017	4605		3														1									4	3	12		height sickness
231.00						5																							3	1	3		
232.00						5															1								4	2	8		
233.00					1	5														1									4	3	12		
234.00																				1									4	2	8		
234.50						5														1									4	3	12		
235.00	282	527974	8523252	4718	1	2																1							3	1	3	210	Abra apacheta, height sickness
236.00					1														1										4	3	12	211	
236.40						4														1		1				1			4	3	12		100 m rock falls
237.00						5														1									4	3	12		
237.90																			1										4	3	12		
238.00						4																							3	1	3		
239.20						5														1									4	3	12		
240.00						5														1									4	3	12		
240.50																				1									4	3	12		
241.20	283	532222	8522881	4513		4														1							1		4	3	12		height sickness
242.00						2														1									4	3	12		
243.00	284	533350	8524326	4431																	1								4	4	16		height sickness
243.40						2														1									4	3	12		
243.95															1														1	3	3		
244.00	285	533501	8523694	4400									1																1	2	2	212	Niñacha, height sickness
244.20																				1									3	1	3		
245.00										1																			3	1	3		
246.00																												Straight block	1	3	3		
246.50	286	535855	8523723	4323		1				1					1														1	3	3	213	Paras, height sickness
246.50																												Municipality					Paras.
246.60																			1										4	3	12		
247.00	287	536393	8523200	4296																							1		3	2	6	214	height sickness
247.50	288	536421	8523232	4289									1																1	2	2	215	Supamayo, spoiled, height sickness
247.50																										1			2	3	6	video	100 to 200 m
247.60																				1									4	2	8		
248.00																												Straight block	1	3	3		

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others U	Others G	Others MS	Others B	Dangers D	Dangers S	Dangers TR	Dangers CC	Dangers Br	Dangers CV	Dangers DE	Dangers PC	Dangers AC	Dangers TC	Dangers C	Dangers WC	Dangers UC	Dangers SL	Dangers PH	Dangers GF	Dangers UT	Dangers RF	Dangers SK	Resources	Matrix P	Matrix S	Matrix R	Photo	Observations
248.40															1														1	3	3		
249.00	289	537617	8523968	4240		1														1									4	4	16	216	Devil's curve, height sickness
249.00					3																											217	
249.80																												Intake	3	2	6		Apacheta
250.00																												Straight block	1	3	3		From the km 230 to 250 slopes with filtration
250.50	290	538695	8524241	4194											1														1	3	3	218	height sickness
250.70					1					1																			2	2	4		
250.90										1																			2	2	4		
251.00						2				2										1									4	2	8		
252.00																			1										4	3	12		
252.50	291	540619	8525427	4125									1																1	2	2	219	Suchuna, 36Tn, 12m, height sickness
252.60						1														1									3	2	6		
252.60										1																			2	2	4		
253.00						2														1						1			3	2	6		
253.00										2																			3	2	6		
254.00						2																						Straight block	1	3	3	220	
255.00	292	543209	8525995	4072															1										3	1	3		height sickness
255.50	293	543472	8525988	4050											1														1	3	3		height sickness
256.00	294	543583	8526007	4046												1	1											Populated center	3	1	3		Tunsuya, height sickness
256.80																				1									4	3	12		
257.30	295	544202	8525907	3995																								Control					Niñobamba, height sickness
257.30																												Highway patrol				221	Rain with hailstormfrom the km 255 to 257
257.30																												Gas station					
257.50	296	545212	8525431	3985		1																							3	1	3		height sickness
257.60	297	545235	8525430	3985																								Gilat Telephone					(066)812056, height sickness
258.00					1														1										2	1	2		
258.50																										1			3	1	3	222,223	Water fall
259.00	298	546826	8525072	3951		3							1																3	1	3	224	Niñobamba, height sickness
259.00										1																			2	2	4		
260.00																												Straight block	3	1	3		
260.00										2																			3	2	6		
262.00						1													1										4	1	4		
262.10	299	549637	8525035	3889		2										1	1											Populated center	3	1	3		Rumichaca, height sickness
262.40								1																					1	2	2		Cat eye
262.30	300	549851	8525007	3882									1																1	2	2	225	Rumichaca II, 36Tn, 20m, height sickness
262.30									1							1	1												4	2	8		Whereabouts, commerce
262.30														1															3	2	6		Occollo
262.50	301	550209	8524884	3871		3																						Health center	3	1	3		Occollo, height sickness
262.50																												Gilat Telephone					(066) 812037
263.00																			1										3	3	9		
263.50																										1			2	2	4		
264.00					1																												
264.10						2														1									4	3	12		
265.00						2														1									4	3	12		
266.00	302	552559	8525970	3790		1														1									4	3	12		height sickness
266.50																	1												3	1	3		100 m
267.00						1														1									4	3	12		
267.00																											1		2	2	4		Tree falls
268.00																				1									4	3	12		
269.00																				1									4	3	12		
269.50	303	555088	8525079	3706	1	2											1			1									4	3	12		height sickness
270.00	304	555781	8524767	3678	2												1	1										Perurban zone	4	3	12		TotoraBamba, height sickness
271.00																1	1		1										3	1	3		
272.00					1																				1				3	2	6		
272.00	305	558027	8524097	3609									1																1	2	2	226	Jatumpampa, 36Tn, 21m, height sickness
273.00	306	558227	8524111	3609												1	1											Populated center	4	1	4		Jatumpampa, height sickness

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia: Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	G	MS	B	Dangers: D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
274.00					1																							River	3	4	12		Posibility of flood by river swollen and landslides
274.80						1											1												3	1	3		
275.00																			1										2	2	4		
276.00																			1										3	3	9		
276.80								1																					1	2	2		
276.90					1																												
277.00					1														1										3	3	9		
277.40																													4	2	8		Quebrada, Possible fall of landslides
278.00																			1										4	3	12		
279.00																				1									4	4	16		
280.00	307	563985	8523295	3494													1			1									3	4	12		from km 280 to 281 river swollen, height sickness
282.00																				1									2	2	4		
283.00																	1			1									4	2	8	227	
283.00																										1			3	1	3		
284.00	308	567180	8525074	3421																1									3	2	6		height sickness
285.00	309	568057	8525233	3409												1	1											Ranch	3	1	3	228	Mitapa Samam, height sickness
285.50	310	568628	8525450	3403												1	1											Ranch	3	1	3		Angasmayo, 36Tn, 31m,height sickness
286.00																			1										4	2	8		
286.10	311	569126	8525373	3386									1																1	2	2	229	Angasmayo, 36Tn, 31m, height sickness
286.10					1														1										4	2	8		
286.50																				1									4	3	12		
287.00																1	1											Straight block	3	1	3		
287.30					1														1										4	3	12		
288.00																1	1											Populated center	4	1	4	230,231	Ccayhuacancha
288.50																				1									3	3	9		
288.70	312	570120	8527096	3345																								Perurban zone					San Lucas, height sickness
288.90	313	570029	8527606	3332									1													1			3	1	3	232	Casacanchi, 100m rock falls, height sickness
289.00	314	570388	8527796	3330											1														1	3	3		Proyecto Cachi, height sickness
290.50	315	571081	8527533	3323											1													Highway patrol	1	3	3		height sickness
290.50																												Vulcanizer shop					
290.50																												Lodgings					
290.80	316	571267	8527465	3326												1	1											Perurban zone	4	1	4		Vincho, height sickness
290.90																												Municipality					Vincho.
291.00																				1		1				1			4	2	8		
291.20						1																					1		4	1	4		
291.90					4														1										4	3	12	233	
292.00						3														1									4	3	12		
292.50	317	572295	8528233	3400																								Health center				234	Arizona, height sickness
292.70	318	572095	8528396	3410												1	1											Populated center	4	1	4		Arizona, height sickness
292.70																												Gilat telephone					(066) 812036
293.00						1														1		1				1			4	3	12		
294.00						4														1		1				1			4	3	12		
295.00						2														1		1				1			4	3	12		
296.00	319	573078	8530222	3504		1														1		1							4	3	12		height sickness
296.00																											1		3	2	6		from Km 295 to 296
297.00																				1		1							4	3	12		500 of eroded slopes
298.00	320	572332	8531518	3554		3														1		1							4	3	12		height sickness
298.50	321	572698	8531463	3568	2	1																							3	1	3	235	height sickness
299.00																				1									4	3	12		
299.50					1																												
300.00																				1									4	3	12		
300.50	322	573859	8530934	3644																				1					3	2	6		height sickness
301.00	323	574090	8530880	3654											1														1	3	3		Sallalli, height sickness
301.00	324	574580	8531431	3684	1												1									1			3	1	3	236	height sickness
302.00																				1									4	3	12		
302.50					1																												
303.00																				1		1							4	3	12		
304.00					1															1		1				1			4	3	12		
305.00	325	574800	8533418	3836	1															1									4	3	12		height sickness

Risk analysis

Project: Peru LNG
Route: Pisco - Ayacucho (Libertadores highway)
Date: 1/10/2007

		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	Others: G	Others: MS	Others: B	Dangers: D	S	TR	CC	Br	CV	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	Matrix: P	S	R	Photo	Observations
305.00	326	574761	8533649	3840												1	1											Populated center	4	1	4		8 Diciembre, height sickness
305.00																												Gilat telephone					(066) 812044
305.00																												Health center					"8 de Diciembre"
305.00																										1			2	2	4		
306.00																				1		1							4	3	12		
306.40						1																							3	1	3		
307.00	327	573668	8534245	3865		1														1		1							4	3	12		height sickness
307.50	328	573767	8534575	3870		1																						Gas cross	1	3	3	237	height sickness
308.00																				1		1							4	3	12		
308.50	329	574030	8535271	3894	1										1														1	3	3		Rio Cachi Allpachacca, height sickness
308.70	330	574320	8535245	3888											1														1	3	3		San José de Ticcllas, height sickness
309.00																				1									4	3	12		
310.00					1															1									3	3	9		
310.50																	1									1			4	3	12		
310.70															1		1												3	1	3		
311.00																				1									3	3	9		
312.00	331	576405	8536768	3753	1															1									3	3	9		height sickness
312.50	332	576773	8537118	3723												1	1											Populated center	4	1	4		Chunyac, claro has sign, height sickness
313.00	333	577769	8537881	3642												1	1											Populated center	4	1	4		Orcopuquio, height sickness
314.00	334	578110	8538005	3634											1														3	3	9		Exit of Vehicles, height sickness
315.00						1														1									4	3	12		
315.60	335	579022	8538640	3585		1																				1			3	2	6		height sickness
316.00	336	579154	8538861	3569	1												1				1								4	4	16		height sickness
317.00	337	578698	8539337	3529																								Toll					height sickness
317.00																												Highway patrol					
317.00																												Blade lever					
317.50	338	578863	8539763	3512											1														1	3	3		height sickness
318.00	339	578821	8539918	3506											1														1	3	3		Socos, height sickness
318.00																												Municipality					Socos.
318.10																				1						1			4	3	12		
319.00	340	579621	8540185	3456	1															1						1			4	3	12		height sickness
320.00						1														1									4	3	12		
320.50					1																												
321.00	341	579931	8541774	3351												1	1											Populated center	4	1	4		Rancha, height sickness
321.50	342	580333	8542087	3318											1														1	3	3		to the health post, height sickness
321.50																												Health center					at 100m from the highway, 01 tec nurse, 01 male nurse, 02 beds for minor surgeons
321.50																												Gilat telephone					(066) 812265 or 812262
322.00	343	580485	8542500	3306																				1					3	4	12		height sickness
323.00																				1									3	3	9		
323.80	344	580992	8543725	3239												1	1											Populated center	4	1	4		Caccha, height sickness
324.00																				1									4	3	12		
325.00	345	581359	8544318	3185												1	1											Perurban center	4	1	4		Huascahura, height sickness
325.50	346	581328	8544525	3173																								Health center					Huascahura, height sickness
326.00	347	581773	8544379	3144																								Gilat telephone					height sickness
326.80																				1									4	3	12		
328.00																				1									4	3	12		
328.10	348	582580	8545153	2978											1														1	3	3		Quinapata, height sickness
329.00	349	582883	8545558	2934												1	1											Urban zone	4	1	4		Ingreso a Ayacucho, height sickness
330.00	350	583857	8545053	2809																								City					Plaza de armas Ayacucho, height sickness
330.00																												Municipality					Ayacucho
					84	493	8	5	20	13	6			6	43	80	110	12	379	152	26	46	15	4	7	135	26	TOTAL					

Project: Peru LNG
Route: Ayacucho - PS3 (Libertadores highway)
Date: 1/11/2007

Maximum Speed MS
Bump B
Dip D
Stream S
Urn U
Transit TR
Gully G
Cables Crosses CC

Bridge Br
Road crosses RC
Detour or entrance DE
Pedestrian cross PC
Animal Cross AC
Tractors crosses TC

Curve C
Winding Curve WC
U Curve UC
Slope SL
Pot holes zone PH
Fog zone FZ

Undulating Track UT
Rock Falls RF
Slides/knocks SK
Probability P
Severity S
Risk R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia: Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	G	MS	B	dangers: D	S	TR	CC	Br	RC	DE	PC	AC	TC	Highway: C	WC	UC	SL	PH	FZ	UT	Slope: RF	SK	Resources	Matrix: P	S	R	Photo	Observations
332.00	1	583868	8544920	2721																								Main square AYACUCHO				01,02,03	It is adjusted to 0 km the trucks meter. The route will be indicated according to the km meter
1.70	2	584884	8545315	2702															1										3	3	9		
1.70																			1										3	3	9		
1.70											1					1												Vulcanizer shop					
2.30																			1										2	3	6		
2.70																				1									3	4	12		
2.80																			1										3	3	9		
3.40	3	585523	8546663	2659												1												Gas station				4	Pecsa
3.40																1												Gas station				5	Havoline
3.60																1				1									3	4	12		
4.00																1												Gas station					Cruz de Chalpan
4.20					1		1																			1								
4.70	4	585559	8547591	2599									1																2	1	2	6	Totorilla, 30Tn, 20.6m
4.80																				1						1			4	2	8		
5.00																1												Gas station					Petroperu
5.20																				1						1			4	3	12		
5.40																1												Gas station					Tambinto
5.50																				1									3	4	12		
5.70	5	586357	8547956	2598			1													1						1			4	3	12		40 km/h
6.90																				1						1			4	3	12		
7.10																												Gas station					Tokheim
7.20																				1									3	4	12		
7.60																			1										4	4	16		
7.70																				1						1			4	3	12		
8.40	6	588105	8548183	2575																1									3	4	12		
8.80											1					1													4	2	8		
8.90																				1						1			4	4	16		Without protection banister
9.20																				1									3	4	12		
9.60																				1									3	4	12		Sign keep the right
9.70	7	587618	8549461	2517	6																											7	
9.80																				1									3	4	12		
10.10	8	587323	8549528	2510																								Gas station				8	Quinto
10.10																1	1											Urban zone	3	2	6		Santo Domingo
10.20																				1									3	3	9		
10.70	9	587027	8549961	2503											1																	9	to Muyurina
10.80	10	586918	8550210	2505																								Sign					San Miguel de Macoto
11.10	11	586891	8550350	2497	1																												
11.30																				1								Sign	3	3	9		Do not overtake
11.30																1	1												4	1	4		
11.60																	1												1	3	3		
11.80																												End of urban zone					
12.40	12	586278	8551477	2476												1	1											Perurban zone	4	1	4		
12.90	13	585986	8551787	2475									1																2	1	2	10	Chacco, 30Tn, 40m
12.90																												Police station					
13.00	14	585909	8551892	2471												1	1											Populates zone	4	1	4		Chacco
13.40														1															2	2	4		
13.50																												End of urban zone					Chacco
13.60																				1									3	3	9		
14.10																			1										3	2	6		
14.50																				1									3	2	6		
14.70																1	1											Perurban zone	4	1	4		
14.80																												Sign					Keep the right
15.00																				1						1			3	2	6		
15.00																	1												1	3	3		
15.50	15	583843	8553323	2459																						1			3	4	12	11	Big rocks
15.60																			1										3	2	6		
15.70	16	583684	8553405	2454									1																2	1	2	12	Huallapampa, 30Tn, 20m
15.70																		1											2	2	4		
16.10	17	583686	8553403	2459											1																		Pacayccasa
16.30	18	583743	8553956	2470												1	1											Urban zone	4	1	4		Huayllapampa
16.30																	1												1	3	3		
16.60	19	584067	8554036	2484																								Gas station				14	
16.60																												Vulcanizer shop				15	
16.70	20	584151	8554129	2487											1																	16	Hanta - Tambo
16.90								1								1	1											Perurban zone	4	1	4		

Project: Peru LNG
Route: Ayacucho - PS3 (Libertadores highway)
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Urn U
Gully G

Maximum Speed MS
Bump B
Dip D
Stream S
Transit TR
Cables Crosses CC

Bridge Br
Road crosses RC
Detour or entrance DE
Pedestrian cross PC
Animal Cross AC
Tractors crosses TC

Curve C
Winding Curve WC
U Curve UC
Slope SL
Pot holes zone PH
Fog zone FZ

Undulating Track UT
Rock Falls RF
Slides/knocks SK
Probability P
Severity S
Risk R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia: Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				dangers										Highway							Slope			Matrix				
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	CC	Br	RC	DE	PC	AC	TC	C	WC	UC	SL	PH	FZ	UT	RF	SK	Resources	P	S	R	Photo	Observations
17.00	21	584297	8554277	2483											1																		
17.10								1											1										3	2	6		
17.30							1																										35 km/h
17.40								1									1												4	1	4		
17.60								1											1										2	2	4		
17.80	22	584494	8555112	2490												1	1											Urban zone	3	2	6		Pacaycasa
17.90																1													3	2	6		Students
18.00																												Gas station					
18.10	23	584520	8555303	2494									1																2	1	2	17	Orcasitas, 40Tn
18.20								1																									
18.50								1																									
18.60	24	584819	8555860	2505											1														4	1	4	18	Pacaycasa
18.70					2																											19	
18.80	25	584918	8556003	2513												1	1											Populated center	4	1	4	20	Pacaycasa
18.90								1																									
19.10																												End of populated center					
19.20								1																									
19.30								1																									
19.70								1								1																	
19.90								1											1										4	1	4		
20.10								1											1										4	1	4		
20.20								1																									
20.30	26	586199	8556650	2552									1																2	1	2	21	Ocopa
20.50																			1										2	2	4		
20.80																			1										2	2	4		
21.10	27	586939	8556792	2587																	1					1			3	3	9		
21.20																			1										2	2	4		
21.70																					1								3	3	9		
21.90																				1						1			3	2	6		
21.30																			1			1				1			3	2	6		
22.70	28	587268	8556673	2665																	1	1							4	2	8		
22.90							1												1										3	3	9		45 km/h
23.10																				1									3	3	9		
23.30					1																												
23.70	29	586991	8555832	2721															1										3	2	6		
24.30																												Archeological zone					
24.50																				1									3	3	9		
24.80																			1			1							4	2	8		
25.00					3														1									Sign	4	3	12		Do not overtake
25.30											1								1										3	3	9	22	Unsafe transport
25.70																			1										3	3	9		
26.10																			1										2	3	6		
26.50	30	588376	8555676	2844													1												2	2	4		
26.80											1						1		1										4	3	12		
27.00																	1		1										3	2	6		
27.40																			1										3	2	6		
27.70	31	589018	8556381	2895												1	1											Populated zone	4	1	4	23,24	Huacahurara
27.80																			1										3	3	9		
28.10																			1										3	2	6		
28.50																			1										2	2	4		
28.80	32	589840	8556197	2922												1	1											Populated zone	4	1	4	25	Pampachacra
29.00																			1										3	3	9		
29.10																				1									3	3	9		
29.80																			1										3	4	12		
30.00																			1										3	2	6		
30.40	33	591326	8555536	2981											1														2	2	4	26,27	Acos-Vincho
30.50																			1										3	2	6		
30.70																					1								3	4	12		
30.90																				1									3	4	12		
31.20																					1								3	4	12		
31.40	34	591891	8555226	3016											1														2	2	4		
31.50							1													1		1							3	2	6		35 km/h
31.90																1	1											Perurban zone	4	1	4		
32.00																1	1		1			1							3	2	6		
32.50	35	592534	8555738	3096													1				1								3	3	9	28	
32.40																				1		1							4	1	4		
33.00																			1										2	2	4		
32.20																1	1			1								Perurban zone	3	2	6		

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		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Fog zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia: Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	G	MS	B	dangers: D	S	TR	CC	Br	RC	DE	PC	AC	TC	Highway: C	WC	UC	SL	PH	FZ	UT	Slope: RF	SK	Resources	Matrix: P	S	R	Photo	Observations
33.50																			1			1							4	1	4		
33.80	36	592869	8556971	3205							1					1	1											Populated zone	3	2	6	29	Quinua
33.80																												Municipality					Quinua
34.20	37	593154	8557152	3235																								Health center	2	2	4	30	Quinua
34.30	38	593365	8557115	3240							1																		3	2	6	31	
34.30																												Vulcanizer shop					
34.30																												Vulcanizer shop					
34.50	39	593626	8557210	3251																								Gas station					Cusco Tarpey
34.60																			1										3	2	6		
34.90																			1									End of populated center	2	2	4		
35.00																	1												2	2	4	32	
35.10	40	593921	8557640	3288											1				1										2	2	4		
35.20	41	593938	8557701	3294											1														2	2	4	33	To Obelisco
35.40	42	593943	8557839	3303											1														2	2	4	34	To Obelisco
35.80	43	593939	8558307	3315												1	1		1									Perurban zone	3	2	6		
36.00																1	1					1							3	2	6		
36.40							1													1									3	4	12		35 km/m
37.20																				1									3	2	6		
37.80																				1									3	4	12		
37.90																1				1									3	4	12		
38.00	44	594234	8559741	3428							1																	Vulcanizer shop	3	4	12		Trucks stop
38.30																				1									3	4	12		
38.50																										1			2	2	4		
38.80																					1								3	4	12		
38.90																				1									3	4	12		
39.70																					1								4	4	16		
39.90	45	594521	8560142	3528											1														2	2	4	41	Huamanguilla (km 24)
40.00																				1		1							4	3	12		
40.00																										1			1	2	2		
41.20																											1		2	2	4		Eroded slopes
41.40																					1								3	4	12		
41.70																				1									3	2	6		
42.20	46	594842	8561262	3648																	1	1							4	2	8		
42.50	47	594867	8561396	3658																1									2	2	4		End of asphalted road
43.00	48	594989	8561345	3695																1									3	4	12		
43.50																					1						1		4	4	16	42,43,44	
43.90	49	595090	8561717	3757																						1			4	4	16	45,46	
43.90																											1		4	4	16	47,48	Wet slopes
44.10	50	595234	8561513	3778																			1	1					3	2	6	49	
44.10					2																											50	
44.60	51	595522	8561834	3807																						1			3	2	6		
45.00	52	595929	8561871	3832																							1		3	2	6	51	
45.00																			1				1						3	2	6	52	
45.20											1																		3	2	6	53	
45.50																				1									4	4	16		
45.70	53	596589	8561981	3871																						1			3	3	9	54	
45.70						1																							2	2	4	55	
46.30																	1									1			4	3	12	56	
46.30																							1			1	1		4	2	8	Video 01	
48.50	54	596875	8562545	3978	1																											57	
48.60																											1		2	3	6	58	
49.00																										1			3	3	9		Wet slopes
49.70	55	597566	8563072	4029		1																							4	4	16	59,60	Spoiled road
50.00																				1									2	2	4		
51.60	56	598807	8564139	4114																1									3	2	6	61	
51.60																										1			3	2	6	62	
51.80	57	598946	8564155	4121		1																							4	4	16	63,64	Collapsed
51.80																											1		3	2	6	65	
51.80					1																											66	
51.90																				1									3	2	6		
52.20	58	599295	8564128	4141		1																							3	3	9	67	
52.30																				1									3	2	6		
52.40	59	599416	8563930	4149		1																							2	1	2		
52.50																				1									3	3	9		
52.50	60	599457	8563948	4155		1																							2	1	2		
52.80	61	599465	8564182	4168		1																							2	1	2		
52.85	62	599487	8564219	4172		1																							2	1	2		
52.90	63	599338	8564227	4171																1			1				1		4	4	16	68	Wet slopes, filtration

Project	Peru LNG
Route:	Ayacucho - PS3 (Libertadores highway)
Date:	1/11/2007

		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Fog zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				dangers										Highway							Slope				Matrix				
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	CC	Br	RC	DE	PC	AC	TC	C	WC	UC	SL	PH	FZ	UT	RF	SK	Resources	P	S	R	Photo	Observations
53.20																				1			1						4	2	8		narrow way until thel km 53.6
53.30	64	598959	8564292	4184		1																							3	2	6		
53.50	65	598900	8564302	4191		1																							2	1	2		
53.60																				1									3	2	6		
53.80																				1									3	3	9		
53.90	66	598728	8564477	4214	1	1																							2	1	2	69	
54.00																				1									3	2	6		
54.20	67	598606	8564525	4221		1																							2	1	2		
54.40	68	598483	8564792	4209		1																							2	1	2		
54.50	69	598476	8564964	4201		1																	1						3	2	6		
54.70																				1									3	2	6		
55.10																	1			1									3	2	6	70	
55.20	70	598378	8565446	4173	1	1																							2	2	4		
55.30	71	598462	8565553	4169		1																							2	2	4		
55.40	72	598504	8565682	4161		1																							2	2	4		
55.50	73	598506	8565777	4155		1																							2	2	4		
55.60																				1									2	3	6		
55.70	74	598536	8565929	4146		1														1									2	2	4		
56.10	75	598314	8566269	4126		1											1												2	3	6		
56.30	76	598180	8566331	4124		1																							2	2	4		
56.40					1	1																							2	1	2		
56.50	77	598300	8566565	4119		1														1									3	2	6		
56.70	78	598359	8566657	4115	2	1																							2	1	2		
56.80																				1									3	2	6		
56.90	79	598585	8566527	4110		1																							2	2	4		
57.10	80	598756	8566551	4101		1																							2	2	4		
57.30																				1									3	2	6		
57.50						1																							2	2	4		
57.60	81	599034	8566674	4080		1																							2	2	4		
57.70						1																							2	2	4		
57.80	82	599196	8566428	4066		1																							3	4	12	71	Collapsed
57.80																				1									3	2	6		
58.10	83	599390	8566496	4064		1														1									3	2	6		
58.20	84	599533	8566561	4054		1																							2	1	2		
58.20																											1		3	3	9		Wet slopes, 500m
58.10	85	599846	8566663	4038		1																							2	1	2		
58.80	86	600028	8566629	4033													1											Stream	4	2	8	72	
59.00																										1			3	4	12	73	
59.00																										1			3	4	12	Video 02	
59.60	87	600648	8567192	3996		1																							2	2	4		
60.80	88	601828	8567568	3945		1																							2	2	4		
61.10																										1			3	2	6		
61.50																				1									3	4	12		narrow way until the km 65.7
62.00																					1								3	3	9		
62.40	89	603208	8567637	3883		1																							2	2	4		
62.70	90	603469	8567575	3872		1														1									3	4	12		alternate km 47+388
63.20					1																												
64.40																					1					1			4	4	16		
64.80	91	604848	8566725	3794					1																	1			3	4	12	74	Stream
64.90	92	604944	8566844	3791																							1		3	3	9	75	
64.90																				1									3	4	12		Narrow way
65.30																					1								4	4	16		
65.70																					1								4	4	16		
65.90																	1			1									4	3	12		
66.00																					1								4	4	16		
66.40																					1								4	4	16		
66.60	93	605494	8567410	3724																						1			3	3	9		Alternate KM 51
66.80																				1									4	4	16		narrow way until the km 67.8
67.30	94	606290	8567135	3692	2																												
67.30																				1		1							4	3	12		
68.70																1						1							2	3	6		End of slopes
69.00																1					1								4	3	12		
69.60	95	606285	8567394	3600																	1							Tire shop	3	4	12		
70.00																1	1												4	1	4		
70.30																										1			3	2	6		
70.40																					1	1							4	4	16		

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Route: Ayacucho - PS3 (Libertadores highway)
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		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Fog zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others				dangers										Highway							Slope		Resources	Matrix			Photo	Observations
					U	G	MS	B	D	S	TR	CC	Br	RC	DE	PC	AC	TC	C	WC	UC	SL	PH	FZ	UT	RF	SK		P	S	R		
70.90																				1									3	3	9		Km alterno 55+190
71.00																					1								4	4	16		
71.50																				1									3	3	9		
72.40	96	606327	8567713	3493																	1	1							4	4	16		
72.50																				1									3	3	9		
72.80																	1												2	2	4		
72.90																					1	1							4	4	16		
73.50	97	606247	8567778	3457																	1								4	4	16		
74.00	98	605924	8567933	3439																	1								4	4	16		
74.30																											1		1	3	3		
74.60																	1				1								4	4	16		
74.80	99	606332	8567929	3414	1																												
75.00																			1										3	2	6		
75.30	100	605889	8568021	3410											1						1								4	4	16	76	Tambo
75.30																												Municipality					Tambo
75.70																1													2	2	4		100 m
76.00																										1			3	2	6		100 m
76.10																	1												1	3	3		
76.50																					1								3	4	12		
77.10	101	606626	8568051	3324											1														2	2	4	77	Tambo - San Miguel
77.10																					1								3	4	12		
77.10																												Highway patrol					
77.40																1	1												4	1	4		
77.80																											1		3	2	6		narrow way and danger of slides 1 km
77.90	102	607353	8567977	3241													1												2	2	4	78	
78.20	103	607614	8567941	3212											1														2	2	4		tambo
78.50																					1					1			4	3	12	79	
78.90																					1								4	4	16		
79.00																				1									3	2	6		
79.00																											1		2	2	4		Wet slopes
79.00																										1			1	3	3		
79.40	104	607984	8567066	3123		1										1	1												4	1	4		
79.50																					1								4	4	16		
79.60																				1									3	3	9		
79.90																1	1												3	1	3		
80.00																				1									3	3	9		
80.60																				1									3	4	12		
81.00																	1			1									4	3	12		
81.10																					1								4	4	16		
81.30																				1									3	3	9		
81.40	105	608756	8566384	3039												1													1	3	3		
81.60																					1								4	4	16		
81.90																					1								4	4	16		
82.10																				1									3	3	9		
82.30	106	608899	8566077	3001		1										1	1												4	1	4		
82.40																				1									3	3	9		
82.50	107	609069	8565910	2983		1																							1	3	3		
82.50																											1		2	2	4		500 m
83.10	108	609284	8565413	2952	1																								2	1	2	80	
83.10																					1								4	4	16		
83.20																				1									3	3	9		
83.80																											1		3	2	6		200 m
84.10																					1								4	4	16		
84.20																	1				1								4	3	12		
84.50																1	1											Perurban zone	4	1	4		
85.10	109	610041	8564883	2844											1														2	3	6	81	San Miguel
85.20																				1									3	3	9		
85.40																	1												1	3	3		
85.50																				1									3	3	9		
85.90																1	1												3	2	6		Farm zone
86.20	110	610386	8563423	2776																							1		3	2	6		600 m
87.00	111	610370	8563118	2783																								Landslide zone	3	4	12	82,83	Mudd falls
88.10	112	610829	8562115	2724											1														2	2	4	84	
88.20																										1			3	2	6		100 m
88.30	113	610679	8561931	2723												1	1											Populated center	3	2	6		San Miguel
88.30																												Gilat telephone					(066) 822340 Ramón Castilla 205, San Miguel
88.60	114	610472	8561425	2728											1														2	2	4		

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		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Fog zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				dangers										Highway								Slope						
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	CC	Br	RC	DE	PC	AC	TC	C	WC	UC	SL	PH	FZ	UT	RF	SK	Resources	Matrix P	S	R	Photo	Observations
88.60																												Gas station					
88.60																												Publci telephone					Jr la mar 213
89.10	115	610468	8561254	2735																								Main square				85	San Miguel
89.10																												Municipality					San Miguel
89.10																												Police station					San Miguel
90.00	116	611039	8561003	2650									1																2	1	2	86	Ucusmayo 36Tn 18m
90.00																												Gas station					
90.00																	1												1	3	3		
90.20	117	611101	8560748	2638																								Trees fell	3	2	6	87	
90.30																				1									3	3	9		
90.90																1													1	3	3		
91.40	118	611563	8559848	2595																1						1			3	2	6		
92.00																				1									3	3	9		
92.10																					1								4	4	16		
92.20	119	611488	8559147	2585					1																				3	2	6		
92.30																				1									3	3	9		
92.70								1								1	1												3	1	3		
92.90																				1									3	3	9		
93.20																				1									3	2	6		
93.40																1	1											Perurban zone	4	1	4		
93.50								1																					1	2	2		
93.60	120	612352	8558093	2550									1																2	1	2	88	Illaura, 36Tn, 16m
93.60	121	612396	8558070	2550									1																2	1	2		End of bridge Illaura
93.70								1								1	1											Perurban zone	4	1	4		
93.80					1																												
94.00																				1									3	3	9		
94.30	122	612617	8557605	2561																	1					1			4	3	12		
94.50																	1												1	3	3		
94.80																				1									2	3	6		
95.30																					1								3	3	9		
95.40																				1									2	3	6		
95.70	123	613281	8556666	2515											1	1	1											Perurban zone	4	1	4		
96.50																				1									3	2	6		
96.80	124	614135	8555902	2490					1																				2	2	4		
96.90	125	614174	8555846	2488		1																							2	2	4		
97.10																					1								3	4	12		
97.30	126	614542	8555668	2482												1	1											Urban zone	4	1	4	89	Patibamba
97.40	127	614606	8555652	2484																								Health center				90	Patibamba
97.60								1																					1	3	3		
97.60	128	614727	8555725	2486																								Municipality					Patibamba
97.90	129	614936	8555629	2482									1																2	1	2	91	Soccomayo, 20Tn, 21m
98.10																1	1											Perurban zone	4	1	4		
98.30								1																					1	3	3		
98.50																				1									3	3	9		
99.10																1	1											Perurban zone	4	1	4		
99.30																					1								3	4	12		
99.50																					1								3	4	12		
99.60	130	616269	8554860	2409												1	1											Populated center	4	1	4		Miskibamba
99.70								1																					1	3	3		
99.80	131	616412	8554746	2401		1																							1	2	2		
99.90								1																					1	3	3		
100.00																					1	1							4	3	12		
100.20	132	616721	8554522	2369		1																							1	2	2		
100.40	133	616839	8554384	2366		1																							1	3	3		
100.60																				1									3	3	9		
100.70						1																							2	2	4		
100.90						1																							2	2	4		
100.90																											1		3	2	6		Wet slopes 100m
101.40																				1									3	3	9		
101.50																1													1	3	3		
101.70								1																					1	2	2		
101.90	134	617599	8553090	2352													1												2	2	4	92	
102.20	135	617666	8552969	2357									1																2	1	2		Without name
102.20																1	1											Perurban zone	4	1	4		
102.30	136	617683	8552936	2355											1														1	3	3		Chilca
102.30																					1								3	4	12		
102.60						1																							2	2	4		
102.70																					1								3	4	12		
103.00																				1									3	3	9		

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Maximum Speed MS
Bump B
Dip D
Stream S
Urn U
Transit TR
Gully G
Cables Crosses CC

Bridge Br
Road crosses RC
Detour or entrance DE
Pedestrian cross PC
Animal Cross AC
Tractors crosses TC

Curve C
Winding Curve WC
U Curve UC
Slope SL
Pot holes zone PH
Fog zone FZ

Undulating Track UT
Rock Falls RF
Slides/knocks SK
Probability P
Severity S
Risk R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others				dangers										Highway							Slope		Resources	Matrix			Photo	Observations
					U	G	MS	B	D	S	TR	CC	Br	RC	DE	PC	AC	TC	C	WC	UC	SL	PH	FZ	UT	RF	SK		P	S	R		
103.30						1																							1	3	3		
103.40																				1									3	3	9		
103.80																1	1												4	1	4		
104.00																				1									3	4	12		
104.20																				1									3	3	9		
104.40	137	618856	8551505	2250				1					1																3	1	3		Without name
104.80																					1	1							4	3	12		
105.10																				1									3	2	6		
105.20																					1								3	4	12		
105.20																										1	1		4	1	4		Wet slopes 1 km
105.80																					1	1							4	3	12		
106.00																					1	1							4	3	12		
106.30	138	619388	8551335	2351													1				1								4	3	12		
106.70	139	619488	8551477	2370		1																							1	3	3		
106.80						1																							1	3	3		
106.90																					1								3	4	12		
107.00	140	619601	8551511	2379					1																				3	2	6	93,94	
107.20																					1								3	4	12		
107.60						1																							1	3	3		Alternate km 18
107.80																					1								3	4	12		
107.90						1																							2	2	4		
108.30																				1									3	3	9		
108.60																	1												1	3	3		Alternate Km 19
109.00																					1								3	4	12		
109.10																	1												1	3	3		
109.70	141	619297	8552082	2502												1	1											Populated center	4	1	4	95	Tranca
110.00					2																												
110.20								1																					1	2	2		
110.70	142	619313	8553145	2574												1													1	3	3		
110.90								1																					1	2	2		
111.00																					1								3	4	12		
111.40																	1												1	3	3		
111.50																				1									1	3	3		Alternate Km 22
112.10																					1								3	4	12		
112.50																												Straight block	3	1	3		
112.60						1																							1	3	3		
112.70																												Straight block	3	1	3		
113.20																					1								3	4	12		
113.70	143	619670	8553446	2726													1												2	3	6	96	
113.90	144	619809	8553251	2743																							1		3	2	6	97,98	
114.20																				1									3	2	6		
114.80																1	1											Rural zone	3	1	3		
114.90									1																				1	3	3		
115.10	145	620513	8552292	2811																								Water fall	3	2	6	100-101	
115.10																										1			3	2	6		
115.10																											1		3	2	6		400 m
115.50																												Valley				104-105-106	
115.50																											1		3	2	6	107	
115.50	146	620508	8551949	2842																	1								3	4	12		
115.60																				1								Straight block	2	2	4		
115.90																				1	1					1			4	4	16		
116.40									1																				4	4	16		
116.60	147	621274	8551592	2910																						1	1		4	4	16	110	
116.80																				1						1			4	4	16		
117.00						1																							3	2	6		
117.00																				1									3	3	9		
117.10	148	621374	8551255	2927				1								1	1											Populated center	4	1	4		Chilinga
117.40	149	621591	8551169	2932												1	1		1									Urban zone	3	2	6		
117.60																	1			1									3	2	6		
117.90								1									1												3	1	3		
118.00									1																				2	2	4		
118.10																	1												3	2	6		
118.20								1																					1	2	2		
118.30	150	622228	8550655	2952																								Gas cross					
118.70																				1						1			4	4	16		
119.00																											1		3	3	9		
119.30																				1									3	4	12		
119.60	151	622895	8551163	2965		1															1								3	2	6		
119.90	152	623092	8551044	2972												1	1											Urban zone	4	1	4		Aquilla

Project: Peru LNG
Route: Ayacucho - PS3 (Libertadores highway)
Date: 1/11/2007

		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Fog zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				dangers										Highway							Slope							
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	CC	Br	RC	DE	PC	AC	TC	C	WC	UC	SL	PH	FZ	UT	RF	SK	Resources	Matrix P	Matrix S	Matrix R	Photo	Observations
120.20								1																					1	2	2		
120.30								1																					1	2	2		
120.40																					1								3	4	12		
120.80																										1			3	2	6		
121.10																							1					Straight block	3	2	6		
121.60																1	1				1							Perurban zone	4	2	8		
122.00								1																					1	2	2		
122.30																										1			3	2	6		
122.50																1	1											Perurban zone	4	1	4		
122.60								1																					1	2	2		
122.70																											1		3	2	6		
122.70																					1								4	4	16		
122.80																1	1												4	1	4		
122.90								1																					1	2	2		
123.00																										1			2	2	4		
123.10								2																					1	3	3		
123.30																				1									3	3	9		
123.40																					1								3	4	12		
123.60	153	624723	8551925	3167																	1								3	3	9		
123.70																					1								3	3	9		
124.10																				1									3	2	6		
124.15	154	624448	8551460	3196				1																					1	2	2		
124.20								1													1								4	3	12		
124.30																				1									3	4	12		
124.80								1												1									4	3	12		
124.90																				1									3	3	9		
125.30																					1								3	3	9		
125.40																					1		1				1		4	3	12		
125.50	155	624742	8552360	3298																1									3	4	12	112-113-114	
125.70																				1									3	2	6		
126.00																					1								3	4	12		
126.10																				1									3	3	9		
126.20							1	1																					3	1	3		55 Km/h
126.30								1																					1	2	2		
126.40																					1								3	4	12		
126.60	156	624449	8552650	3269												1	1											Urban zone	4	1	4		
126.70								1																					1	2	2		
126.90	157	624341	8552774	3270		1	1																						2	2	4		
126.90									1																				3	2	6		
127.00						1																							1	3	3		
127.20																				1									3	3	9		
127.30																			1										3	4	12		
127.50																				1									3	2	6		
127.50																											1		2	2	4		Eroded slopes 100m
127.70																				1							1		3	3	9		Eroded slopes 200m
127.90																				1									3	2	6		
128.10																					1								3	4	12		
128.40																					1								3	4	12		
128.50	158	624591	8553890	3178												1	1											Populated center	3	2	6		Sachraccay, District of Anco Lamar
128.50																												Lodgings					
128.50																												Helath center				115	Sacharaccay, Ambulance, motorcycle
128.80								2																					1	3	3		
128.90																					1								3	4	12		
128.90																												Gilat telephone					(066) 812080
128.90																												Minor council					Alejandro Quispe
129.00								2																					1	3	3		
129.10	159	624900	8553667	3194									1								1								3	3	9		
129.20									1											1									4	3	12		
129.20																											1		3	2	6		Wet slopes
129.30								2																					1	3	3		
129.50	160	625126	8553339	3217				1																					1	2	2		Cat eyes
129.60																				1									3	4	12		
129.80																					1	1							3	2	6		
130.00																				1									3	2	6		
130.10																	1												2	2	4		
130.60																				1	1								3	2	6		
130.80																					1								3	4	12		

Project	Peru LNG	Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
Route:	Ayacucho - PS3 (Libertadores highway)	Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
Date:	1/11/2007	Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
	Urn U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
	Gully G	Cables Crosses	CC	Tractors crosses	TC	Fog zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				dangers										Highway							Slope			Matrix				
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	CC	Br	RC	DE	PC	AC	TC	C	WC	UC	SL	PH	FZ	UT	RF	SK	Resources	P	S	R	Photo	Observations
131.10	161	625497	8552719	3328												1	1											Urban zone	4	1	4		Huallhua
131.40								1																					1	2	2		
131.50	162	625495	8552677	3331												1	1											Communal urus	4	1	4	116	
131.55																1													1	3	3		
131.60								1												1									4	3	12		
131.80								1																					3	1	3		
132.00																1	1												3	1	3		Exit of urban zone
132.10	163	625922	8552436	3379											1														2	2	4		Anyay
132.40																									1				2	2	4		
132.50																				1									3	2	6		
132.80																			1										3	3	9		
132.90	164	626108	8553168	3424						1																			3	2	6		
133.10																					1								3	4	12		
133.20																					1								3	4	12		
133.30																				1									3	3	9		
133.40	165	625946	8553334	3453					1																		1		3	2	6	117	
133.50					1																1								3	4	12		
133.70																					2								3	4	12		
134.00																				1									3	2	6		
134.10	166	625654	8553622	3492																								Gas cross					
134.20									1																				3	2	6		
134.30																					1								3	4	12		
134.60																				1									3	2	6		
134.70																1													2	2	4		
134.90	167	626039	8554041	3529				2								1	1											Perurban zone	3	2	6		Alternate Km 83
135.20																			1		1	1							4	3	12		
135.50																				1									3	2	6		
135.60																				1									3	3	9		
136.00																1					1								4	3	12		
136.70								1																					1	2	2		
136.50											1									1									3	3	9		
136.60																					2	1							4	3	12		
137.00																				1									3	3	9		
137.20																					1						1		4	3	12		Eroded slopes, 200m
137.80																					2	1							4	3	12		
138.00																				1									3	3	9		
138.20	168	626512	8553787	3724																	2	1							4	3	12		
138.50																					2	1							4	3	12		
138.60																					1	1							4	3	12		
138.70																				1									3	3	9		
139.00	169	626741	8553852	3773																1									3	3	9		
139.20																				1	1								4	3	12		
139.40																				1									3	3	9		
139.70																					1								3	4	12		
139.80	170	626723	8553655	3822																								Gas cross				118	
139.90																				1									3	3	9		
140.20	171	627058	8553770	3849					1																				3	2	6		
140.40																				1									3	3	9		narrow way
141.00	172	626916	8553035	3890																	1								3	4	12		
141.30																				1									3	4	12		
141.50																				1									3	3	9		
141.70	173	627266	8553618	3929		1																							2	2	4	119	
141.70																				1									3	3	9		End of narrow way
142.10	174	627548	8553875	3959																								Gas cross					
142.60																					1								3	4	12		
142.80																				1									3	2	6		
143.00																	1												2	2	4		
143.00	175	627797	8553863	4020																								Gas cross					
143.00									1																				3	2	6		
143.00																					1								3	4	12		
143.40																					1								3	4	12		
143.60																					1								3	4	12		
143.70	176	627931	8554092	4042																						1			3	2	6	120	
143.70																									1				3	2	6		
144.20	177	628232	8554336	4061																1									3	4	12		
144.30																	1										1		3	2	6	121	
144.30																				1									3	3	9		
144.80									1																				3	2	6		
144.90							1														1								3	3	9		40 km/h

Project: Peru LNG
Route: Ayacucho - PS3 (Libertadores highway)
Date: 1/11/2007

		Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
		Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
		Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
Urn	U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
Gully	G	Cables Crosses	CC	Tractors crosses	TC	Fog zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia: Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				dangers										Highway							Slope							
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	CC	Br	RC	DE	PC	AC	TC	C	WC	UC	SL	PH	FZ	UT	RF	SK	Resources	Matrix P	S	R	Photo	Observations
145.00									1											1									3	3	9		
145.20	178	629208	8554708	4093					1												1								3	4	12		
145.50																				1									3	3	9		
145.80																					1						1		4	3	12		
146.00																				1									3	3	9		
146.20	179	629273	8555305	4128																	1								3	4	12		
146.50						1			1																				3	2	6		
146.70																				1									3	3	9		
146.80									1																				2	2	4		
147.20	180	630026	8555152	4107																								PS4 - TGP				122	
147.20																												Gas cross					
147.50																				1									3	2	6		
147.80																				1									3	4	12		
147.90																				1									3	2	6		
148.20																	1												1	3	3		
148.50																			1										3	4	12		
148.60									1																				2	2	4		
148.80																				1									3	3	9		
148.90									1																				2	2	4		
149.10																				1									3	2	6		
149.20	181	631379	8554246	4028																								Gas cross					
149.50	182	631624	8553990	4013					1																		1		3	2	6	123	
149.80							1																										40 km/h
149.80									1																				2	2	4		
149.90	183	631813	8554025	4004																								Gas cross					
150.10																			1										3	3	9		
150.30	184	632120	8554303	3993											1														2	2	4	124	
150.30																				1									3	3	9		
150.60	185	632454	8554448	3978												1	1											Urban zone	3	2	6		
150.80								1								1	1											Populated center	4	1	4		Pacobamba
150.80	186	632685	8554542	3972				1																1					3	2	6	125	
150.90																					1								3	4	12		
151.00							1																	1					3	2	6		40 km/h
151.40																				1									3	3	9		
151.50									1																				2	2	4		
151.70																					1								3	3	9		
151.90									1							1													3	2	6		
152.00									1							1													3	2	6	126	
152.50	187	633411	8553805	3967					1												1								4	3	12		
152.60									1																				2	2	4		
152.60																				1									3	4	12		
152.80	188	633341	8553511	3975																1						1			4	2	8	127	
153.00									1							1													3	2	6		
153.40	189	633107	8553136	3978											1														2	2	4	128	Para PS3
154.50																				1									3	3	9	129-130	
154.50																					1								3	4	12		
154.40																					1								3	4	12		
155.00	190	633967	8553256	3872																	1								3	4	12		
155.40																					1								3	4	12		
155.90																					1								3	4	12		
156.30	191	634103	8553556	3801		1																							2	2	4		
156.30																				1									3	2	6		
156.80	192	634645	8553623	3768		1																							2	2	4		
156.80																				1									2	2	4		
157.40	193	634858	8553714	3724																	1								3	4	12		
158.00	194	635363	8553874	3673																	1								3	4	12		
158.30																					1								3	4	12		
159.00	195	635546	8553917	3632																								Gas cross					
159.10	196	635624	8553954	3628												1	1											Urban zone	3	2	6	132	Start of Huayllaures
159.10								1																					1	3	3		
159.30								1																					1	3	3		
159.40								1																					1	3	3		
159.50								1																					1	3	3		
159.60								1																					1	3	3		
159.80								1																					1	3	3		
159.80	197	636704	8554283	3573												1	1												4	1	4		End of urban zone
160.20																												Gas cross					
160.20	198	636755	8554259	3575																							1		3	2	6	133	
160.30						1																							1	3	3		

Project	Peru LNG	Maximum Speed	MS	Bridge	Br	Curve	C	Undulating Track	UT
Route:	Ayacucho - PS3 (Libertadores highway)	Bump	B	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
Date:	1/11/2007	Dip	D	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
		Stream	S	Pedestrian cross	PC	Slope	SL	Probability	P
	Urn U	Transit	TR	Animal Cross	AC	Pot holes zone	PH	Severity	S
	Gully G	Cables Crosses	CC	Tractors crosses	TC	Fog zone	FZ	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia: Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

Km	GPS point	East (m)	North (m)	Altitude (m)	Others: U	G	MS	B	dangers: D	S	TR	CC	Br	RC	DE	PC	AC	TC	Highway: C	WC	UC	SL	PH	FZ	UT	Slope: RF	SK	Resources	Matrix: P	S	R	Photo	Observations
160.30																				1									3	2	6		
161.10	199	637547	8553945	3613					1																				2	2	4		
161.20	200	637663	8553814	3625																								Gas cross					
161.60	201	637791	8553640	3631						1											1								4	3	12		
161.60	202	637782	8553776	3635																								Gas cross					
162.00																					1								3	4	12		
162.20					1																			1			1		3	2	6		
162.80	203	638180	8554377	3574					1																			Gas cross	2	2	4		
162.90																	1				1								3	2	6		
163.20	204	638450	8554609	3586																								Gas cross					
163.50					2														1										3	2	6	134	
163.70	205	638719	8554734	3559																								Gas cross					
163..8																					1								3	4	12		
164.10	206	638931	8554876	3524					1																				3	2	6	135	
164.50						t																							2	2	4		
164.50																				1									3	2	6		
165.10																				1									3	2	6	136	Photo of PS3
165.50									2												1								4	3	12		
165.80	207	639758	8555413	3449																								Gas cross					
166.10																					1								3	4	12		
165.60	208	639728	8555519	3406																	1							Gas cross	3	2	6		
166.70																					1								3	3	9		
167.10	209	640224	8555426	3366													1				1								4	3	12	137-138-139	
167.70	210	639856	8555641	3348																								Gas cross					
167.90																					1								3	4	12		
168.00																					1								3	4	12		
168.20							1									1	1											urban zone	4	1	4		15 km/h - Chiquintirka
168.90								1	1																				3	2	6		
168.50								1																					1	2	2		
168.60																					1								3	4	12		
168.80									1																				3	2	6		
169.00								1																					1	3	3		
169.10																					1								3	4	12		
169.20								1																					1	2	2		
169.20																												Municipality					Chirquitinka
169.20	211	640216	8555808	3257												1	1											Populated center	4	1	4	141	Chirquitinka
169.20																												Hardware store					Chirquitinka
169.20																												Municipal hospital					Chirquitinka
169.20																												Gilat telephone					Chirquitinka, 066-812077
169.20																												Health center					Chirquitinka
169.20																												Police station					Chirquitinka
					35	62	12	65	35	2	9			1	22	79	93	1	48	162	133	26	8	4	2	45	35	TOTAL					

Proyecto: Peru LNG
Ruta: Santa Cruz - Puerto San Martín
Fecha: 1/12/2007

Urn	U	Transit	TR	Curve	C	Undulating Track	UT
Gully	G	Road crosses	RC	Winding Curve	WC	Rock Falls	RF
Maximum Speed	MS	Detour or entrance	DE	U Curve	UC	Slides/knocks	SK
Bump	B	Pedestrian cross	PC	Slope	SL	Probability	P
Dip	D	Animal Cross	AC	Pot holes zone	PH	Severity	S
Stream	S	Tractors crosses	TC	Geological Failure	GF	Risk	R

MATRIZ DE RIESGO

Grado de Severidad	Probabilidad de Ocurrencia			
	Frecuente (4)	Ocasional (3)	Remoto (2)	Improbable (1)
Catastrofico (4)	Extremo (16)	Extremo (12)	Alto (8)	Mediano (4)
Critico (3)	Extremo (12)	Alto (9)	Mediano (6)	Mediano (3)
Moderado (2)	Alto (8)	Mediano (6)	Mediano (4)	Bajo (2)
Menor (1)	Mediano (4)	Mediano (3)	Bajo (2)	Bajo (1)

					Others				Dangers								Highway							Slope							
Km	GPS point	East (m)	North (m)	Altitude (m)	U	G	MS	B	D	S	TR	RC	DE	PC	AC	TC	C	WC	UC	SL	PH	GF	UT	RF	SK	Resources	P	S	R	Photo	Observations
0.00	1	377209	8469350	235							1		1	1													3	2	6	1	South Panamericana Sur with Santa Cruz
											1			1												Perurban zone	3	2	6		
0.70	2	376211	8470160	225							1			1													3	3	9		Informar whereabouts of micros
1.40	3	375571	8470215	218							1															Dessert	3	2	6	2	
2.00											1															Straight block	3	2	6		
3.20					1																										
3.70	4	373215	8470459	192									1														2	2	4	3	To farms
4.40	5	372563	8470576	186									1														3	1	3	4	
4.70	6	372094	8470616	183							1										1						3	2	6		
5.00											1										1						3	2	6		
6.00	7	370841	8470800	173							1																4	3	12		Heavy transit 24 hours
6.60	8	370256	8470900	161																						Camp				5	Abandoned
8.60											1													1			2	1	2	Film 01	
10.00	9	367057	8471354	131							1																3	2	6		
10.30													1														3	1	3		
10.50																										Cutting zone	3	2	6		
11.00	10	365782	8471472	107							1		1														4	2	8	6	Pisco - Paracas
11.30	11	365538	8471495	104							1			1													3	2	6		Start of Paracas district
11.70	12	365510	8471194	109										1												Gas station	3	1	3		
													1	1												Hotel	3	1	3		Paracas
12.00											1															straight block	3	2	6		Km alternate 21 (old panamericana) leads to Pisco
12.50	13	365309	8470111	100													1										3	1	3		
12.50											1																3	2	6		
12.90													1													Gas station	3	1	3		Vitara
14.20																	1										3	1	3		
15.10																										straight block	1	2	2		Km alternate 24 (olp panamericana) leads to Pisco
15.30							1				1																2	2	4		45 km/h
15.60							1										1										3	2	6	Film 01	35 km/h
15.90	14	364448	8467104	88				2																		Control lodge	3	1	3	9	
15.95	15	364355	8467000	82							1		1														3	2	6		to beaches
16.40	16	364043	8466654	80	1																									10	
16.50																		1									3	2	6		
17.00											1															straight block	2	2	4		Km alternate 26
17.70	17	362921	8466392	81													1										3	2	6		
18.00	18	362632	8466416	82									1													Museum	2	2	4	11, 12	Paracas
18.30																										Sign	2	2	4		Do not overtake
18.40							1																				3	1	3		40 km/h
18.50	19	361990	8466159	105									1				1										3	3	9	13	
18.90											1															straight block	3	2	6		Km alternate 28
21.00	20	359452	8467988	81							1															straight block	3	2	6		
22.20	21	358896	8468423	85													1										3	3	9		
22.80					2																										
23.00	22	358364	8468320	72													1										3	3	9		
24.10	23	357357	8468945	79							1						1										4	3	12	14,15	Trucks crush
24.80											1															Straight block	3	2	6		Km alternate 36
24.90							1				1																2	2	4		80 km/h
26.80	24	358370	8471292	65									1														3	2	6	16	Atenas, km alternate 36
27.10	25	358582	8471684	73													1										3	2	6		
28.10	26	359471	8472360	69										1			1									Camp zone	2	2	4		
28.80	27	359753	8472757	64													1									Sign	3	2	6	17	Punta Pejerrey
28.90														1												Camp zone	2	2	4		
29.20	28	360033	8473056	63									1														2	2	4	18	To the water tank
29.20																										Welders	3	2	6		
29.60	29	360147	8473419	56																						Port terminus					Generla de San Martín - ENAPU
					4	0	4	2	0	0	22	0	12	8	0	0	11	1	0	0	2	0	0	1	0	TOTAL					

ANEXO J

Safe Driver's Code

Plan your Drive, Drive your Plan

Key behaviors of all drivers of vehicles:

- **Maximum speed - 100 km/hour unless road signals, road conditions, and/or weather conditions dictate lower speeds.**
- **No driving under non-daylight conditions without prior authorization by manager.**
- **Cell phone use while driving is strictly prohibited.**
- **Maintain safe following distances (3 second rule) at all times.**
- **Rest at least 15 minutes after 2 hours of driving and 12 hours after 10 hours of driving.**
- **Observe all road signs. Construction signs may change frequently and traffic patterns may have been altered.**
- **ZERO TOLERANCE**

Additional behaviors:

- Comply with the laws and ordinances of the country in which the vehicle is being operated.
- The operating condition of a vehicle is the responsibility of the worker driving the vehicle. Unsafe conditions are to be repaired promptly.
- Windshield, door glasses, rear glasses and rear-view mirrors are to be properly maintained at all times.
- All glass is to be kept clean and free of stickers, etc., except for those required by law.
- Windshields that have breaks, cracks, or shattered spots that obscure vision are to be replaced immediately.
- Daily maintenance of the vehicle should include an operational and/or visual check of the brakes, lights, horn, tires, windshield wipers and washers, rear-view mirror, windows, and steering assembly.
- When parking vehicles, the driver is to take positive steps to ensure that the vehicle does not roll out of control while unattended.
- All vehicles will be positioned in such a manner that ensures the equipment's exhaust is not in contact with combustibles.
- Headlights must be on at all times while performing work for PLNG/COLP unless security concerns dictate otherwise.
- Use horn to warn, not to annoy.
- Respect passengers and all road users including pedestrians.
- Signal your intentions; allow the other driver time to react.
- Move only when doors are closed and locked and after everyone's seat belt is fastened.
- Before beginning any trip, you must be fit, alert and have the following documents in your vehicle:
    a) Your Driving License
    b) Insurance (SOAT)
    c) Registration
    d) Private Vehicle Insurance
    e) Safe Driver / Passenger Code
- Only approved access routes shall be used.
- Follow the law 100% when driving (neither PLNG nor the contractor will pay fines).
- Report all collisions and faults promptly and specify all details for effective investigation.
- It is not allowed to use the "hands free" device.

ANEXO K

PERU LNG

FIRE INSIDE THE VEHICLE

CLASSIFICATION	LEVEL´S DESCRIPTION
ATTENTION	Mild warm-up of the engine, breaks and/or radiator. Mild short circuit that generates a slight burnt smell. Both conditions are detected and corrected without affecting the normal working of the vehicle. It is done a subsequent communication of the incident.
LEVEL I	Small attempt of fire in the engine, electric system, break system of the vehicle. The attempt can be controlled throughout physical means, stopping the running, turning off the engine, applying water or using partially a portable extinguisher. The vehicle can, with a minor repair and using the available tools, set off until a workshop for a meticulous revision. It must be informed immediately.
LEVEL II	Fire declared in any part of the vehicle. The flames envelop more of the 10% of the vehicle and only can be managed with one or many portable extinguishers (sand or available water). The vehicle alter being turned off can set off, having to be towed to an authorized workshop. It is possible that the driver spend the night on the route. The notification to the control center is immediate. The communication to the external support (PNP and CBP) as well as to a safe towing means will be necessary. A slight injured person can result from the control efforts. It does not involved property of third parties.
LEVEL III	Fire out of control envelops totally the vehicle, without possibility of using properly any portable extinguisher. It is only possible to control the emergency with the presence of a firefighter's vehicle. The destruction of the vehicle is almost complete. It must be transfer in a tower platform type to an authorized workshop. It must de done the police expertise, notification to the insurance broker and towing company throughout the control center.

RUN OVER PEOPLE OR ANIMALS

CLASSIFICATION	LEVEL´S DESCRIPTION
ATTENTION	Sudden break in presence of a pedestrian, rub without consequences of a person or animal on the route. Bring forward and recognition of persons with bad intentions on the route that try to throw domestic animals to the vehicles tires.
LEVEL I	Slight bump to a pedestrian with the vehicle or vice versa that does not cause damage to the person. Run over of an animal without consequences. The vehicle does not present damages. The Incident does not cause injured people that can not be assisted with a portable first aid kit. . The persons or owners of animals does not want to go to the PNP, health center or authority on the route.
LEVEL II	Run over or bump to a pedestrian with the vehicle. Maximum two slight injured people or one serious. The victim falls and is hard for him/her to return. Has moderate injuries, bleeding injuries, possible damage of the limbs or spine, is not oriented and/or shows pain. The injured person must be transferred to a health center for its evaluation and subsequent recovery. In case of an animal, this can not be able to manage on its own without help, has injuries and bleeding. The emergency must be reported immediately to the Control Center and fulfill with the procedures of the PNP and insurance.
LEVEL III (and fatal)	Run over that creates visible fractures, unconsciousness, bleeding and bruises in several parts of the body. The injured person must receive specialized medical attention. It is also considered as level III an Incident that generates run over of several pedestrians, more than two slights (that must be checked) or more than 2 serious ones. In case of an animal's run over this does not recover and can stay under the vehicle. The vehicle ends with damage. The emergency must be immediately reported to the Control Center and fulfill with the **procedures of the PNP and insurance. It is necessary the presence of a PERU LNG functionary** at the hospital.

ATTACHMENT K

STRIKE/ HIGHWAY BLOCK OUT

CLASSIFICATIÓN	LEVEL'S DESCRIPTION
ATTENTION	Reception of non-official commentaries about discomfort of the community o certain sector of the surroundings that threaten with blocking the highway. Gathering of people complaining on the route, without obstruction.
LEVEL I	Pacific manifestations that obstruct the way for a period of time no longer to the 30 minutes. The complaints are not directed to **PERU LNG**. It is not necessary the presence of external support (PNP) to dispel or transit at slow speeds through the manifestation. The incident is reported at the arrival to a company's facility.
LEVEL II	Unusual, sudden and violent movement of people complaining on the route. It is generated a total block out of the transit for a period of time longer than two hours and shorter than 4 hours. It is observed aggression to any vehicle or company that try to cross the block out. It is necessary the presence of the PNP to ensure the integrity of the affected people. It is reported to the Control Center and it is considered to come back to a safer place.
LEVEL III (and fatal)	Indefinite national or regional strike, violent highways' block out with complaints directed to the company. Try of aggression to vehicles, personnel and contractors of **PERU LNG**. The presence of the PNP does not offer safety to the parked vehicles. Likely damage or moderate injury to the crew. The report to the Control Center in immediate. The retreat must be done as soon as possible.

ANEXO L

ATTACHMENT L

PERU LNG

TRAINING PROGRAM ACCORDING TO THE COURSE TYPE

				PEOPLE TO WHOM THE TRAINING PROGRAM IS DIRECTED									
			Annual	BUSSINESS LEVEL				CONTRACTOR LEVEL			LOCAL LEVEL		
ITEM	COURSE TYPE OR ACTIVITY	ET-CAP	frequency	FE	JE	BE	VE	CC	SC	FC	AL		
1	Contingency Plan Induction	53	1	X	X	X	X	X	X	X	X		
2	Emergency Organization (procedures)	9	1		X	X			X	X			
3	Use of portable extinguishers	8	1	X	X	X	X		X	X			
4	Fight against fire	1	1			X	X						
5	Basic First aids	10	1		X	X	X		X				
6	Advanced first aids (BTLS)	35	1			X							
7	Rescue with ropes (Level I)	6	1				X	X					
8	Incident Command	30	1	X	X	X				X	X		
9	Defensive driving		1		X	X		X					

NOTE:
IN THE JOINED TECHNICAL ESPECIFICATIONS ARE DETAILED THE PURPOSE, LIST OF TOPICS, DURATION, AND OTHER DETAILS OF EACH COURSE
A TRAINING SCHEDULE TABLE DEFINING DATES, SCHEDULES AND WORK GROUPS MUST BE DEVELOPED

OPTIONAL COURSES

ANEXO M

TRAINING ACTIVITY SPECIFICATION	ET CAP-001 A

TITLE:	TEACHING HOURS:
COURSE FIGHT AGAINST FIRE	8- 24 HOURS

TYPE:
TEORETHICAL - PRACTICAL

DIRECTED TO:
BRIGADE AGAINST FIRE

TRAINING OBJECTIVE:
At the end of the course, the participant will be able to:

- Describe the bases principles of the behavior of the fire and classification.
- Identify and use the several types of portable extinguishers that are in the company.
- Identify and use properly the hoses and states rooms against fires.
- Use properly the Self-contained Breathing Equipment (SCBE)
- Use properly the foam generating equipments.
- Know the more used techniques in the combat against incipient, structural and non-structural fires.
- Describe the basic safety procedures during the combat against fires.

PURPOSE:
Provide to the participants the knowledge and necessary techniques to combat and control properly attempts or fires, using portable extinguishers, fire hoses and foam generating.

PERFORMANCE OBJECTIVES:
In case of a fire, the participants, divided in work equipments of 5 persons, in a period of time no longer than 10 minutes and following the procedures taught in the course, will be able to:

- Select the properly extinguishing equipment.
- Operate properly the extinguishing equipment.
- Control or extinguish the attempt or fire.
- Generate foam.

SPECIFICATION OF THE TRAINING ACTIVITY	ET CAP-006

TITLE:	TEACHING HOURS:
COURSE "RESCUE WITH ROPES I"	16 HOURS

TIPO:

TEORETHICAL (25%) AND PRACTICAL (75%)

25 PARTICIPANTS

DIRECTED TO:

RESCUE BRIGADE

TRAINING OBJECTIVE:

At the of the course, the participant will be able to:

- List all the procedures to evaluate the incident.
- Indicate in a list the actions to be done to carry out the rescue of a trapped person in a cliff.
- Identify and use the different rescue equipments.
- Identify and use the different types of ropes.
- Indicate the types of mobilization and transfer of victims in a risky scenario.

PURPOSE:

Provide to the participants the necessary techniques to find and rescue victims that are trapped in places of difficult access, with the use of ropes and rescue accessories for lifting and descending with safe procedures for the rescuer as for the victim.

PERFORMANCE OBJECTIVE:

In case of a trapped person in a cliff, the participants, divided in a in work teams of 4 and 5 persons, in a period of time no longer than 20 minutes and following the procedures taught course, will be able to:

- Evaluate and ensure the scene.
- Apply the more adequate rescue procedure.
- Mobilize and transfer the patient.

LIST OF TOPICS:

- Safety in the scene
- Use of harness

PERU LNG

Training Department

SPECIFICATION OF THE TRAINING ACTIVITY	ET CAP-008

TITLO:	TEACHING HOURS:
COURSE ABOUT USE AND HANDLING OF EXTINGUISHERS	02 - 06 HORAS

TIPO:

THEORETICAL - PRACTICAL
(2 hrs.) (2-4 hrs.)

DIRECTED TO:

100 % OF THE PERSONNEL groups of maximum 18 participants

TRAINING OBJECTIVE :

At the end of the course the participant will be able to:

- Describe the Basic principles of fire behavior.
- Describe the types of fires.
- Identify and use diverse types of portable extinguishers that are in the company.
- Describe the basic safety procedures during the combat against fires.

PURPOSE:

Provide to the participants the knowledge to differentiate the different types of fires that can be generated, recognize the more adequate extinguisher for this type of fire and use it efficiently to eliminate the risk.

PERFORMANCE OBJECTIVE:

In case of a incipient fire situation, the participants divided in work groups of 2 members, in a period no longer than 2 minutes and following the procedures taught in the course will be able to:

- Select the adequate extinguisher equipment.
- Operate properly the selected extinguisher .
- Extinguish the incipient fire.

LIST OF TOPICS:

- Modern theory of combustion
- Types of extinguishers

SPECIFICATION OF THE TRAINING ACTIVITY	ET CAP-009

TITLE:	TEACHING HOURS:
INDUCTION TO THE CONTINGENCY PLAN EMERGENCIES ORGANIZATION	02 HOURS

TYPE:
THEORETICAL

DIRECTED TO:
100% OF THE PERSONNEL

TRAINING OBJECTIVE:

At the end of the course the participant will be able to:

- Describe the components of the organization chart of company's emergencies.
- Describe the general and specific function of the emergencies plan.
- Describe the general procedures in case of Fire, Earthquake and Evacuation.
- Know which are the Response Procedures for specific Emergencies.

PURPOSE:

Provide to the participants the necessary instructions to recognize an emergency and activate the emergencies organization, fulfill with the notification procedures developing the functions, responsibilities and established procedures for cases of fire, earthquake, evacuation need and others pre-established.

PERFORMANCE OBJECTIVE:

In case of a situation the participants in groups of 10 to 12 members, in a period of time of 10 minutes, must activate the Emergency Organization of the company, fulfill with the notification ways, initiate the control activities and evacuate in a safe way the other members of the group, according to the lines indicated in the talk.

SPECIFICATION OF THE TRAINING ACTIVITY	ET CAP-009

TITLE: EMERGENCIES ORGANIZATION	TEACHING HOURS: 02-04 HOURS

TYPE:
THEORETICAL

DIRECTED TO:
100% OF THE PERSONNEL

TRAINING OBJECTIVE:

At the end of the course the participant will be able to:

- Describe the components of the emergencies organization chart of the company.
- Describe the general and specific functions of the emergencies plan.
- Describe the general procedures and notification ways.
- Know which the Response Procedures are for specific Emergencies.

PURPOSE:

Provide to the participants the necessary instruction to recognize an emergency and activate the emergencies organization, fulfill the notification procedures developing the functions, responsibilities and established procedures for cases of accident, fires, natural phenomenon, evacuation necessity and other pre-established.

PERFORMANCE OBJECTIVE:

In case of a situation the participants in groups of 2 to 4 members, in a period of time of 10 minutes, must activate the Emergency Organization of the company, fulfill with the notifications forms, initiate the control activities and execute in a safe way the guidelines indicated in this course.

SPECIFICATION OF THE TRAINING ACTIVITY	ET CAP-010

TITLE :	TEACHING HOURS:
COURSE ABOUT FIRST AIDS	6-12 HOURS

TYPE:

GENERAL COURSE FOR THE PERSONEEL
15-18 PARTICIPANTS

DIRECTED TO:

100 % field, building, industry and commerce personnel.

TRAINING OBJECTIVE:

At the end of the course the participant will be able to:

- Find, identify and evaluate the injuries of a person using the principles of general description.
- Identify the signs and symptoms of respiratory obstruction and apply the measures of urgent respiratory assistance.
- Identify the signs and symptoms of cardiac failure and apply CPR.
- Identify the signs and symptoms of the injuries and bleeding applying the adequate measures.

PURPOSE:

Provide to the participants the knowledge and abilities to attend one or more injured persons, as consequence of an emergency, using the existing equipments in the facilities, as well as preparing the involved persons for a proper transfer.

PERFORMANCE OBJECTIVE:

In a request of help, the participants divided in work groups of 2 and 3 members, in a period of time no longer than 10 minutes and following the procedures taught in the course will be able to:

- Secure the scene and evaluate a patient.
- Stabilize the injured patient and with respiratory problems in the scene.
- Prepare the person for its transfer.

SPECIFICATION OF THE TRAINING ACTIVITY	ET CAP-030

TITLE :	TEACHING HOURS:
COURSE "INCIDENT COMMAND"	12 - 24 HOURS

TYPE

THEORETICAL (10-20 hours) - ROOM SIMULATION (02-04 hours)
20 PARTICIPANTS

DIRECTED TO :

- Miner Companies (Managers, supervisors and functionaries)
- Petrochemical industries
- Companies that transport acids, GLP, fuels.
- Carriers of dangerous materials
- Aerial and maritime lines
- Responsible of elaborating plans and emergency and disaster procedures.

TRAINING OBJECTIVES:

- Know the Basic principles about necessary Leadership for the adequate direction of Institutions, Organizations and personnel in emergency situations.
- Establish the structure and characteristics of a Command Positions.
- Define the facilities and necessary equipment to establish a Command positions, as well as the control formats and incident management.
- Determine the expansion and contraction form of a Response Organization, according to the necessity and incident's magnitude.
- Establish the structure and scopes of an Action Plan that includes a time table of activities.
- Know the scopes and applications of a Command Position (CP), a Centre of Emergency Operations (CEO) and a Contingency Plan of the private activity.
- Understand the objectives that the Medias has, to be able to develop the press work and know the adequate way to generate truthful, timely information and technically adequate according to the type and magnitude of each emergency.

PERFORMANCE OBJECTIVES:

- Establish the initial structure of the command position under the charge of the Incident Command System (ICS) and the tactical priorities to be executed.

SPECIFICATION OF THE TRAINING ACTIVITY	ET CAP-004

TITLE: ADVANCED FIRST AIDS	TEACHING HOURS: 32 - 40 HORAS

TYPE:
THEORETICAL - PRACTICAL

REQUIREMENT: Basic First Aids

DIRECTED TO:
BRIGADE OF FIRST AIDS / EXPLORATION PERSONNEL / PEOPLE IN CHARGE OF THE MEDICAL POST

TRAINING OBJECTIVE :
At the end of the course, the participant will be able to:

- Find, identify and evaluate injuries in a person using the principles of general description (revision)
- Identify the signs and symptoms of respiratory obstruction and apply the measures of urgent respiratory assistance (revision)
- Identify the signs and symptoms of cardiac failure and apply CPR in adults (revision)
- Know the triaje techniques STAR.
- Apply the protocols of primary and secondary evaluations.
- Know the interpretation of the Glasgow scale and the trauma scale.
- Identify the signs and symptoms of bleedings and apply the adequate measures to control them.
- Know the symptoms, signs and Basic attention for cases of Anaphylactic Shock, Stress heat, Diabetic Coma and ACV.
- Restore properly fluids by intravenous way.
- Identify the signs and symptoms of trauma in bones and apply the measures of urgent assistance.
- Identify the signs and symptoms of burns / electrocutes and apply the urgent initial treatment..
- Use the immobilization techniques and transfer of victims with and without stretchers.

Purpose :
Provide to the participants the knowledge and necessary abilities to attend properly, in the incident place, stabilize and prepare for its transfer , in a safe way to the place where it receives medical attention.

ANEXO N

PERU LNG

ATTACHMENT N

SCHEDULE OF PROGRAMMED AND UNEXPECTED MOCKS

ITEM	MOCK CHARACTERISTIC	TYPE	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7	MONTH 8	MONTH 9	MONTH 10	MONTH 11	MONTH 12
1	Communications exercises (Control Center)	Programmed		X										
2	Of vehicular accident with slight injured persons	Programmed				X								
3	Of truck roll over with trapped persons	Programmed						X						
4	Of sickness of a crew member (driver)	Programmed								X				
5	Of vehicle accident with 01 serious injured person	Programmed										X		
6	Of vehicle accident with 01 fataland slight injured person	Programmed												X
7	Collision of two trucks, with roll over.	Programmed												

NOTE:
The contractor companies must submited to the mock program of PERU LNG
It will be used all the resources and available equipments of the company and in the route.
Finished every mock, it must be presented an inform that details reaction times, communication order, procedures fulfillment, etc.

ANEXO O

PERU LNG

Environment, Social, Health and Safety (ESHS) Management System (MS)

Enlace a Versión en Español

Preliminary Incident Report Form

To be used in conjunction with
PLNG's
Incident and Investigation Guideline 02/GP/PJ/PR/004/A03

Document Number:			Document Uncontrolled if Printed (Controlled Copies are Maintained on the PERU LNG S.R.L. Lima General Drive.)			
A03	23-May-07	23-May-08	Bill Pierce	Luciana Rivera	Reese Wolsey	Jim White
A02	12-Dec-06	12-Dec-07	Luis Cavero	Luciana Rivero	Rodney Cox	Jim White
A01	27-Jul-06	27-Jul-07	Mark Hansen	Jim White	Luis Cavero	Jim White
Rev	Effective Date	Review Date	Author	Document Controller	Document Review	Document Approval
Revisions			Approval - Compañía Operadora de LNG del Perú S.A.C., the operator of PERU LNG S.R.L.			

This document was printed on 14-Aug-07.

Incident Report Number to be completed by COLP Health and Safety Manager: IR-__-__-P-__ __
This report must be presented to COLP General Manager in English within 24 hours of Incident

GENERAL INFORMATION

LOCATION:		TASK BEING CONDUCTED:	
DEPARTMENT:	_____	PROJECT SPECIFIC:	_____
REPORTED BY:		PHONE # :	
DATE OF INCIDENT:	TIME:	DATE REPORTED:	
INCIDENT:	PLNG ☐ CONTRACTOR ☐	CONTRACTOR/OTHER:	

IDENTIFY INCIDENT

INJURY:	PROPERTY DAMAGE:		ENVIRONMENTAL:
Injured Party: _____	☐ Fire	☐ EHS Nonconformance	☐ Spill Volume ____ ___
Injury Type: _____	☐ Near Miss	☐ Equipment Failure	☐ Spill Recovered ____ ___
____ Lost Days (if applicable)	☐ Security	☐ Equipment Damage	☐ Water
____ Date Returned to Work (if applicable)	☐ Theft	☐ Unsafe Condition	☐ Hydrocarbon
PROCESS LOSS: _____	☐ Vandalism	☐ Vehicle Accident - Chargeable	☐ Emulsion
Other (Specify) _____	☐ Violation	☐ Vehicle Accident - Non-Chargeable	☐ Gas
Total Estimated **PLNG** Cost: _____			☐ Gas Leak Volume ____ ___
Total Estimated Total Cost: _____			☐ Public Impact / Complaint
			☐ Regulatory Action
			TERRAIN AFFECTED: _____

PERSONNEL/GOVERNMENT AGENCIES NOTIFIED (IF MORE SPACE REQUIRED, PLEASE LIST ON SEPARATE SHEET)

DATE NOTIFIED:	AGENCY CONTACT PERSON:	CONTACT PHONE #:	AGENCY/PLNG DEPARTMENT:
			_____
			_____

PRELIMINARY DESCRIPTION OF INCIDENT

ANALYSIS: RISK ASSESSMENT (of actual events)

Severity	----------	Probability	----------	Risk Ranked	----------

DIRECT CAUSE The actual hazardous or unsafe action or condition. (the point of energy)

INDIRECT CAUSE The situation that perpetuated the hazardous or unsafe actions of people, or that created the hazardous/unsafe condition.

☐ Act of Others	☐ Housekeeping	☐ Material Specs Inadequate	☐ Training Inadequate
☐ Animal Presence	☐ Human Factor	☐ Modifications Inadequate	☐ Weather Extremes
☐ Corrosion	☐ Inspection Inadequate	☐ Orientation Inadequate	☐ Work Planning Inadequate
☐ Design Inadequate	☐ Lack of Procedure	☐ Procedure Inadequate	☐
☐ Excessive Wear and Tear	☐ Maintenance Inadequate	☐ Procedure Not Used	☐

ROOT CAUSE The breakdown of a management system that, if left uncorrected, may allow the hazardous condition or situation to continue.

☐ Hazard Assessment & Risk Management	☐ Competency Training	☐ Communications
☐ Legal and Other Requirements	☐ Document Control	☐ Operational Control
☐ Incident Investigation and Analysis	☐ Objectives, Targets	☐ Emergency Readiness

REMEDIAL ACTION SECTION

Remedial Action Item:	Target Date:	Completed Date:	Action By:
1.			
2.			

SIGNATORIES

Title	NAME	SIGNATURE	DATE
Company / Contractor Representative:			
HS or E Representative:			
Health and Safety Manager:			

Please E-Mail Completed Form and any Pictures to COLP_eshs_MS-Lima@colp.com.pe or fax to (511) 707-2499 attn: H & S Dept.

ANEXO P

PERU LNG

ATTACHMENT P

INFORMANT		HOUR OF THE CALL	
NAME			
ROUTE		UNITS	

ACCIDENT			
PLACE			
INITIAL TIME			
ROLL OVER (YES/NO)			
FIRE (YES/NO)		CRASH	
RUN OVER		LANDSLIDE	

TRUCKS			
COMPANY			
PLATE NUMBER		SOAT	
DRIVER			
SUPERVISOR			
ACTIONS TAKEN			

INJURED PEOPLE	
SERIOUSNESS	
DEATH PEOPLE	
ACTIONS TAKEN	

ACCIDENT ZONE	
CHARACTERISTICS	
CLOSE TOWN	
WEATHER / WIND	

COMMENTARIES, NECESSITIES AND REQUIREMENTS	
END OF THE ACCIDENT	

ANEXO Q

ANEXO R

ATTACHMENT R

PERU LNG

LIST OF EQUIPMENTS AVAILABLE IN THE COMMAND CENTER

FACILITIES

The facilities of the Command Center must allow carrying out its operations during a long period of time if the emergency conditions let it. Its location in the building must make easier or ensure the following:

- Entrance and movement of Functionaries, Chiefs, Visitors, even when the rest of the offices are not working.
- Access to a bathroom for the users.
- Secondary power source of automatic activation (power generator)
- Conditioned environment of automatic and manual regulation.
- Restricted access, security in the entrance door.

MINIMUM EQUIPMENT

The minimum equipments that this environment must maintain are based on providing the easiness so the functionaries of PERU LNG can administrate an emergency of proportions, coordinate resources in the way, request support to external institutions, do the coordination with the press and authorities, as well as a constant communication with the scene responsible. On this way, it will be necessary to count with:

- A fixed exclusive device central type (identifies the calls, speaker, memory, etc.). This line will NOT pass by the central.
- Two annexes of the telephonic central of PERU LNG
- A cell phone type RPM
- A Nextel cell phone (optional)
- Connection for three laptops or computers with restricted access (with code) to the company's server.
- One printer
- Connection to Internet for this computer.
- An acrylic board with markers of many colors.
- General and detailed maps of the route Lima – Pisco – Ayacucho (original and copies).
- Cable connection for a television.
- Copy of the Contingency Plan
- Copy of the risk analysis of the route Lima – Pisco – Ayacucho
- Office materials (Paper, pens, notebooks, flip charts, etc.)

ANEXO S

S.1 FIRE DEPARTMENT

S.2 INTERNAL CONTACTS PLNG-COLP

S.3 DIRECTORY OF MINISTERIO DE SALUD

S.4 EXTERNAL SUPPORT FROM PRIVATE COMPANIES

S.5 EXTERNAL CONTACTS – GOVERNMENT AUTHORITIES

S.1 FIRE DEPARTMENTS

COMPAÑÍA NACIONAL DE BOMBEROS			
LIMA			
Position	**Contact**	**Office**	**Cell Phone**
GENERAL COMMANDER	Brig.Gral. CARLOS CORDOVA GOMEZ LICEA COMANDANCIA GENERAL		rpm 87211 9904-8642 rpm 87207 9871-8283
GENERAL DIRECTOR OF OPERATIONS	BRIG. MAY. JOSE MORALES PAZ		rpm 87216 Tel 9867-6861
	LICEA DIGO - DICOM		rpm 87206 9871-8255
ADVISOR IN MEDICAL URGENCIES	BRIG. MAY. JORGE REINA NORIEGA		rpm 88047 Tel9904-8355
COMMUNICATIONS DIRECTOR	BRIG. VITO MONOPOLI RAGGIO		rpm 87223 Tel 9871-2274
PDTE. CONS. DPTAL. LIMA	BRIG.MAY. RAFAEL CENTRO CALVO CAMPOS		rpm 88618 9866-6671
LIMA			
IV COMMANDANCY BY DEPRATMENT - LIMA CENTER		427-0489 / 427-5392	
FIRST CHIEF	Major Brigadier CBP MINI MESARINA, Miguel Alberto		
	B-49 CAÑETE	581-2004 / 581-1144	Rpm 88049 9871-8984
FIRST CHIEF	Captain CBP NAVARRO FERNÁNDEZ, José Jesús		Rpm 88515 9864-6365
CUSCO			
FIRST CHIEF	Major Brigadier CBP PONCE DE LA JARA, Luis Antonio	084-221392	
	B-57 QUILLABAMBA	084-281240	
FIRST CHIEF	Lieutenant CBP PAJUELO ESCALANTE, Liman Elmer		
	B-118 URUBAMBA		
FIRST CHIEF	Sub. Lieutenant ALVAREZ ZAMBRANO, Arturo	084-201466	
HUANCAVELICA			
	B-56 HUANCAVELICA	067-753100	rpm 88056 Tel 064 9652068
FIRST CHIEF	Lieutenant Brigadier CBP MERINO ESPEZA, Celestino		rpm 88693 Tel064 9652084
SECOND CHIEF			rpm 87934 Tel99623619
ICA--AYACUCHO			
VI COMMANDANCY OF ICA	Major member of the brigade CBP JHONG VALDEZ, Jorge Artemio	056-227154	
	LICEA DEPARTAMENTAL ICA		rpm 88206 056- 9621976
CHIEF UNIT INST.PREV. OPER. AND INV.	SUB. TNTE. ABEL LUJAN		rpm 88250 Tel99623558

S.2 INTERNAL CONTACTS

Oficinas

Oficinas COLP en Lima Víctor Andrés Belaúnde 147 Vía Real 185, Torre Real 12, piso 2, San Isidro Tel (511) 707-2100 Fax (51 1) 707-2499
Oficinas PLNG en Lima Víctor Andrés Belaúnde 147 Vía Real 185, Torre Real 12, piso 2, San Isidro (511) 707-2000
Oficina de Cañete Jirón Grau 329, San Vicente de Cañete (511) 581-1031
Oficina de Chincha Calle Pedro Moreno No 114, Chincha Alta (5156) 263-676
Oficinas en Ayacucho Jr. 9 de Diciembre N° 184 (5166) 316-722

Rix -- Jim	COLP EXPAD	(511) 707 2252		51 9403 8741
Salazar Zanelli Igor	COLP	(511) 707 2119		51 9819 3167
Security				
Galvez Garcia Zenon	COLP	(511) 707 2181		(511) 9406 7365
Hernández --- Alvaro	COLP EXPAT	(511) 707 2110		(511) 9828 6851 (511) 9759-0248

Ayacucho Office

Oficinas en Ayacucho Jr. 9 de Diciembre N° 184 Central Telefónica: (5166) 316 722				
Nombres y Apellidos	**Compañía**	**Oficina**	**Domicilio**	**Celular**
Community relations				
Gallardo Martinez, Karina	COLP ADECCO	066-316722	066-312516	066-9601482 01-93515129
Pipeline				
Casapia Nuñez Guillermo	COLP ADECCO	066-316722		511- 9351 5130
De la Torre Toscano Hugo	COLP ADECCO	066-316722		---
Salazar Trigoso Joe	COLP ADECCO	066-316722		511- 9351 5133
Alfaro Asto Luis	COLP ADECCO			066-9642358

Chincha Office

Oficinas en Ayacucho Central Telefónica: (5166) 316 722				
Nombres y Apellidos	**Compañía**	**Oficina**	**Domicilio**	**Celular**
Community relations				
Aldo Gironda Jr. Rodrigo de Mazuelos # 134, Magdalena – Lima, Panamericana sur km.197 (hotel sausal)	COLP		01 - 96966016	403*9284

S.3 DIRECTORY OF MINISTERIO DE SALUD

DIRECCIÓN REGIONAL DE SALUD AYACUCHO:
DIRECTOR: DR. JORGE RODRIGO QUISPE PEREZ.
DIREMID : QF. NELIDA TENORIO CACERES.
ADDRESS: AV: INDEPENDENCIA S/N - AYACUCHO
TELEPHONE : DG: 066 - 812075 (TELEFAX)
DIREMID: 066 - 815486
CT: 066 - 815578 – 815581– 815577 FAX: 066 - 815579

DIRECCIÓN REGIONAL DE SALUD ABANCAY – (APURIMAC I):
DIRECTOR : DR. OSCAR CIRILO GARAY VALLENAS.
DIREMID : QF. ROSA LOPEZ PEÑA.
ADDRESS: AV: DANIEL ALCIDES CARRION S/N - URB: PATIBAMBA
TELEPHONE: DG. 083 – 322118 (TELEFAX)
DIREMID. 083 - 324077
CT. 083 – 321117(DA) – 322976(DEC) – 323078(DS)

DIRECCIÓN REGIONAL DE SALUD ANDAHUAYLAS – (APURIMAC II):
DIRECTOR: DR. ADLER MALPARTIDA TELLO.
DIREMID : QF. JESÚS AYQUIPA SANTI.
ADDRESS: AV: PERU S/N – ANDAHUAYLAS.
TELEPHONE: DG: 083 – 721706
DIREMID: 083 – 721161 (TELEFAX)
CT: 083 – 721407(TELEFAX) – 721356 (SALUD AMB).

DIRECCIÓN REGIONAL DE SALUD CUZCO:
DIRECTOR: DR. DANILO VILLAVICENCIO MUÑOZ
DIREMID : QF. MIRIAM MANNLLA AQQUEHUA
ADDRESS: AV. DE LA CULTURA S/N - CUSCO
TELEPHONE: DG: 084 – 232937 FAX. 084 – 223561
DIREMID: 084 – 242220
CT: 084 - 231050 - 226261

DIRECCION REGIONAL DE SALUD DE HUANCAVELICA:
DIRECTOR : DR. FIDEL MIRANDA MEDINA.
DIREMID : QF. AMADOR ARTESANO AMBROSIO.
ADDRESS: AV. ANDRES .A. CACERES S/N - BARRIO YANANACO.
TELEPHONE : DG: 067 – 752991 (TELEFAX).
DIREMID: 067 – 753113 ANEXO: 425
CT: 067 – 737662.

DIRECCIÓN REGIONAL DE SALUD ICA:
DIRECTOR: DR. MARIO LUIS FRANCO SOTO
DIREMID : QF. CARLOS EZEQUIEL MONGE TOVAR
ADDRESS : URB. SAN MIGUEL I - 223
TELEPHONE : DG: 056 – 234791 FAX: 056 – 235123
DIREMID: 056 – 212639. (TELEFAX).

DIRECCIÓN DE SALUD V - LIMA CIUDAD:
DIRECTOR: DRA. MARIA TEREZA PERALES DIAZ.
DIREMID : QF. PEDRO YARASCA PURILLA
ADDRESS: JR. ANTONIO RAYMONDI Nº 220 - 2º PISO LA VICTORIA
TELEPHONE: DG. 4232922 FAX. 4318816
DIREMID. 3323522 ANEXO: 265 – 266
CT. 4232352 – 4232922 – 42365827

HOSPITALES REGIONALES DE SALUD

APURIMAC:

HOSPITAL DE APOYO GUILLERMO DIAZ DE LA VEGA.-
DIRECTOR: DR. JUAN R. ORTEGA ASCUE.
DRUGSTORE CHIEF: QF. ESTHER BARRANCA ECHEGARAY.
ADDRESS: DANIEL ALCIDES CARRION S/N - APURIMAC
TELEPHONES: 083 – 321006 - 321108 FAX: 083 – 321118. FAX: 323026

HOSPITAL DE APOYO Nº 6 - ANTABAMBA.-
DIRECTOR:
DRUGSTORE CHIEF:
ADDRESS: PROVINCIA ANTABAMBA – APURIMAC
TELEPHONES: 083 – 323078 – 596408

HOSPITAL DE APOYO Nº 3 – CHALHUANCA.-
DIRECTOR: ANDRES COSME MEDINA.
DRUGSTORE CHIEF: QF. MIRIAM AYQUIPA GRANDA.
ADDRESS: PLAZA DE ARMAS - JR. ANDAHUAYLAS S/N.
TELEPHONES: 083 – 320299.

AYACUCHO:

HOSPITAL DE APOYO CORA CORA.- (Ejecutor)
DIRECTOR: DR. RICARDO WILLIAMS MUÑANTE PACHAS.
DRUGSTORE CHIEF: QF. CRISTINA LOPEZ ROMERO.
ADDRESS: AV. NERRO CATANZARO S/N CORA CORA - AYACUCHO
TELEPHONES: 066 – 451251(TELEFAX) - 066 – 451269(DG).

HOSPITAL REGIONAL DE AYACUCHO.- (Ejecutor)
DIRECTOR: DR. JORGE A. RODRIGUEZ RIVAS.
DRUGSTORE CHIEF: QF. GABY UNTIVEROS BONILLA.
ADDRESS: AV. INDEPENDENCIA Nº 355 – HUAMANGA
TELEPHONES: 066 – 812180 - TELEFAX: 066 – 812380 (DG).

HOSPITAL DE APOYO SAN MIGUEL.-
DIRECTOR: DRA. MARIA DEL PILAR TORRES MENDEZ.
DRUGSTORE CHIEF: QF. WILDER ATAO BAUTISTA.
ADDRESS: AV. MARISCAL CASTILLA S/N – SAN MIGUEL
TELEPHONES: 066 – 834060 (TELEFAX).

HOSPITAL DE APOYO SAN FRANCISCO.-
DIRECTOR: DR. EDMAR CUCHO JUNEZ
DRUGSTORE CHIEF: QF. JHON CHIPANA PALOMINO.
ADDRESS: AV. HUANTA S/N – SAN FRANCISCO – AYACUCHO
TELEPHONES: 066 – 835103 (TELEFAX) - 066 – 835202(CT).

HOSPITAL DE APOYO PUQUIO.- (Ejecutor)
DIRECTOR: DR. CESAR BARRERA CEPEDA.
DRUGSTORE CHIEF: QF. ANA MARIA SOLIS YEREN.
ADDRESS: AV. JHON KENNEY S/N - PUQUIO - HUANTA
TELEPHONE: 066 – 452225 - FAX: 066 – 452233.

HOSPITAL DEPARTAMENTAL DE HUANCAVELICA.-
DIRECTOR: DR. LEDUAN GOMEZ VALDEZ.
DRUGSTORE CHIEF: QF. IRIS QUIROZ CARDENAS.
ADDRESS: ANDRES AVELINO CACERES S/N.
TELEPHONES: 067 – 752990 (TELEFAX) - 067 – 753512 (LOG).

ICA:

HOSPITAL REGIONAL DE ICA.-
DIRECTOR: DR. LIMBER REYNOSO SÁNCHEZ.
DRUGSTORE CHIEF: QF. AIDA ELIAS YUPANQUI.
ADDRESS: CAMINO A LA HUACACHINA S/N - ICA
TELEPHONES: 056 – 234791 - 235531 FAX: 056 – 232793 - 235123

HOSPITAL DE APOYO SANTA MARIA DEL SOCORRO.-
DIRECTOR: DR. ERICK HUERTA TALAVERA
DRUGSTORE CHIEF: QF. LUISA PINO ALVA.
ADDRESS: CALLE CASTRO VIRREINA Nº 759 – ICA
TELEPHONES: 056 – 233112 – 233631.

HOSPITAL DE APOYO DE PALPA.-
DIRECTOR: DR. JUAN RENAN ARAUJO QUISPE
DRUGSTORE CHIEF: QF. IRENE JUSTO SEJURO.
ADDRESS: CALLE INDEPENDENCIA S/N .
TELEPHONES: 056 – 404053 – 404160

HOSPITAL SAN JUAN DE DIOS DE PISCO.-
DIRECTOR: DR. FRANCISCO APALAYA MEJIA
DRUGSTORE CHIEF: QF. RAMON GALA CARRIZALES.
ADDRESS: CALLE. SAN JUAN DE DIOS Nº 350 - PISCO.
TELEPHONES: 056 – 532332 (TELEFAX).

HOSPITAL SAN JOSE DE CHINCHA.-
DIRECTOR: DR. JORGE EDILBERTO BARRERA REYES
DRUGSTORE CHIEF: YENNY SUAREZ MENDOZA.
ADDRESS: AV. ABELARDO ALVA MAHURTUA S/N - CHINCHA
TELEPHONES: 056 – 261421 (TELEFAX) - 056 – 261232 (CT) 266505 (ECON).

HOSPITAL DE APOYO NAZCA.-
DIRECTOR: DRA. JESÚS HELEM CORDOVA MOLINA.
DRUGSTORE CHIEF: QF. MADELEYNE QUINTEROS PINO.
ADDRESS: CALLE CALLAO S/N - NAZCA
TELEPHONES: 056 – 522010 (TELEFAX).

JUNIN:

HOSPITAL DANIEL A. CARRION DE HUANCAYO.-
DIRECTOR: DR. PEDRO VASQUEZ URRIAGA
DRUGSTORE CHIEF: QF. SONIA ROJAS ROSALES.
ADDRESS: AV. DANIEL ALCIDES CARRION Nº 1550 - 1552 - HUANCAYO
TELEPHONE: 064 – 222157 (TELEFAX) – 232222 (CT) - 218889(FCIA).

INSTITUTOS ESPECIALIZADOS

LIMA CIUDAD:

HOSPITAL DE APOYO SANTA ROSA.-
DIRECTOR: DR. CESAR ANTONIO ZELAYA VIDAL.
DRUGSTORE CHIEF: QF. SONIA ROJAS PACHECO.
ADDRESS: AV. SUCRE S/N – PUEBLO LIBRE.
TELEPHONES: 4633100 – 4638578 (CT) TELEFAX: 4639535 (DG).

HOSPITAL DE EMERGENCIAS JOSE CASIMIRO ULLOA.-
DIRECTOR: DR. JORGE MOSCOL GONZALES.
DRUGSTORE CHIEF: QF. MARTHA SALAZAR MAGNO.
ADDRESS: AV. REPUBLICA DE PANAMA Nº 6355 – MIRAFLORES.
TELEPHONES: 445509 (CT) 4462321 (DG) TELEFAX: 4472642 (DG).

HOSPITAL ESPECIALIZADO EMERGENCIAS PEDIATRICAS.-
DIRECTOR: DR. FERNANDO RAMOS NEYRA.
DRUGSTORE CHIEF: QF. ELVA MEDRANO SARAVIA.
ADDRESS: AV. GRAU Nº 800 – LA VICTORIA.
TELEPHONES: 4749820 (CT) - 4749810 (DG) TELEFAX: 4749808 (DG).

HOSPITAL ESPECIALIZADO SAN BARTOLOMÉ.-
DIRECTOR: DR. SANTIAGO CABRERO RAMOS.
DRUGSTORE CHIEF: QF. ELVIRA ROJAS TORRES.
ADDRESS: AV. ALFONSO UGARTE Nº 825 – LIMA.
TELEPHONES: 3309010 – 3303521 (CT) TELEFAX: 4315131 (DG).

HOSPITAL NACIONAL ARZOBISPO LOAYZA.-
DIRECTOR: DR. LUIS SÁNCHEZ HURTADO.
DRUGSTORE CHIEF: QF. MÁXIMO RAMÍREZ CHUQUILLANQUI.
ADDRESS: AV. ALFONSO UGARTE Nº 848 – LIMA.
TELEPHONES: 4313799 (CT) TELEFAX: 4332411(DG).

HOSPITAL NACIONAL DOS DE MAYO.-
DIRECTOR: DR. FERNANDO CARVALLO ORDÓÑEZ.
DRUGSTORE CHIEF: QF. LILIAN INFANTES HERNÁNDEZ.
ADDRESS: PARQUE HISTORIA DE LA MEDICINA PERUANA
(ALTURA CUADRA 13 AV: GRAU)
TELEPHONES: 3280028 (CT) TELEFAX: 3281434(DG).

HOSPITAL VICTOR LARCO HERRERA.-
DIRECTOR: DR. CARLOS ECHEVARRIA QUEVEDO.
DRUGSTORE CHIEF: QF. ROGER RODRÍGUEZ JULCAMANYAN.
ADDRESS: AV. EJERCITO Nº 600 – MAGDALENA DEL MAR.
TELEPHONES: 2615516 (CT) FAX: 4614442 (DG).

LIMA SUR:

HOSPITAL DE APOYO REZOLA.-
DIRECTION: DR. GUILLERMO CHIA CHONG.
DRUGSTORE CHIEF: QF. NANCY ARTEAGA CARDENAS.

S.4 EXTERNAL SUPPORT FROM PRIVATE COMPANIES

1. *External Key Contacts - Industrial*

TGP/COGA CONTACTOS DE EMERGENCIA				
Position	Name	Telephone		
		Office	Private	Cellular
General Manager / TGP	Ricardo Ferreiro	617 7726	rferreiro@tgp.com.pe	9755 2950
President of TgP (Argentina)	Ricardo Markous	54 (11) 4018-5971		
Operation Manager / COGA	Sergio Pesavento	617 7801	spesavento@coga.com.pe	9754 3258
Health & Safety Chief / COGA	Johnny Palma	617 7879	jpalma@coga.com.pe	9352 3056
EHS Manager / COGA	Virgilio Panduro/ Norka (secretaria)	617 7888	vpanduro@coga.com.pe	93523054
EHS Field Coordinator in Lurín Zone / COGA	Rodolfo Gallo	617 7882	rgallo@coga.com.pe	9754 3250
EHS Field Supervisor in Ayacucho Zone / COGA	Isaac Mattos	617 7777 (Central) Anexo 7550	imattos@coga.com.pe	9757 3517
Maintenance Manager / COGA	Eduardo Ridi	617 7861	eridi@coga.com.pe	9751 7299
Maintenance Responsible in Ayacucho / COGA	Pedro Villanueva	066 818007	pvillanueva@coga.com.pe	9754 3252
Gerente d e Relaciones Institucionales / TGP	Rafael Guarderas	617 7731/41	rguarderas@tgp.com.pe	9755 2957
Legal Responsible / TGP	Renzo Viani	617 7746	rviani@coga.com.pe	97552952
Community Relation Responsible / COGA	Victor Hugo Mendoza	617 7875	Vmendoza@coga.com.pe	93500664
Control Room Responsible / COGA	Edilberto Amaya	617 7814	eamaya@coga.com.pe	97568919
Transportation Manager / COGA	Martín Catalano	617 7813	mcatalano@coga.com.pe	9754 3253
Surface installation MANTENIMIENTO Responsable / GOGA	Daniel Trapani	617 7862	dtrapani@coga.com.pe	9750 8843
Rotary Equipment Responsible / COGA	Daniel Ferrari	617 7863	dferrari@coga.com.pe	9751 0336
Pipe Responsible / COGA	Walter Seri	617 7864	wseri@coga.com.pe	9750 8842
Installation Security Responsable / COGA	Alfredo Justo	617 7857	ajusto@coga.com.pe	9755 2954
TELEFONO DE EMERGENCIA: 0 800 10 600				

2. External Key Contacts - Industrial

COMPANY	POSITION	NAME	TELEPHONE	FAX / e-mail
TGP	Coordinador de Vuelo Kiteni through TgP:	Jorge Risco	617 7777 + 7010 9751 7155	
TGP	Through Techint:	Jorge Risco	213 5555 + 45 + 34 ou 213 5555 + 45 + 39	
TGP	Coordinador de Vuelo Ayacucho - Huamanga	Michele Arones	9751 1254 617 7777 + 7572	
HELIAMERICA SAC	Gerente General	Pierre Galipon	01-445-2525	01-242-3332 pierregalipon@gmail.com
HELIAMERICA SAC	Gerente Administrativo	Mario Balderrama	01-445 2525 (of.)	01-242 3332 mbalderrama@heliamerica.com
HELIAMERICA SAC	Gerente de Operaciones Lima	Roberto Hereña	01445 2525(of.) 01-9840 9118 (cel.)	01-242 3332 rherena@heliamerica.com
HELIAMERICA SAC	Coordinador de vuelos Ayacucho	Ever Franco	066-816 225	
HELIAMERICA SAC	Oficina Ayacucho		(+51) (66) 316225	
HELIAMERICA SAC	Pilotos	Héctor Alvariño Federico Simi	(los pilotos solamente están en TARAPOTO)	
CORPAC Aeropuerto Ayacucho	Aeropuerto Cnel. FAP Alfredo Mendivil Torre de Control	Nestor Puchuri	066-312418 (of.) 066-317701	
CORPAC Aeropuerto Cusco	Aeropuerto Alejandro Velasco Astete	Freddy Zúñiga Paredes	084-222 611 (of.) 084-224 531 (of.)	
ATSA	Transporte Aéreo	Miguel Arriola	01 – 575 1702 (of.) 01 9647 0154 (cel.)	01- 575 3641
LC-Busre	Transporte Aéreo	Mónica Sánchez	01 – 619 1300 (of.)	
Aerocondor	Transporte Aéreo	Sonia Pereda	01 – 6146000 - 6146014	
PNP Unidad de aviación de la Policía Nacional del Perú	Coronel - Jefe de la unidad Lima	Daniel de la Flor Cam	01-575 3021 (of.) 01-9735 8047 (cel.)	

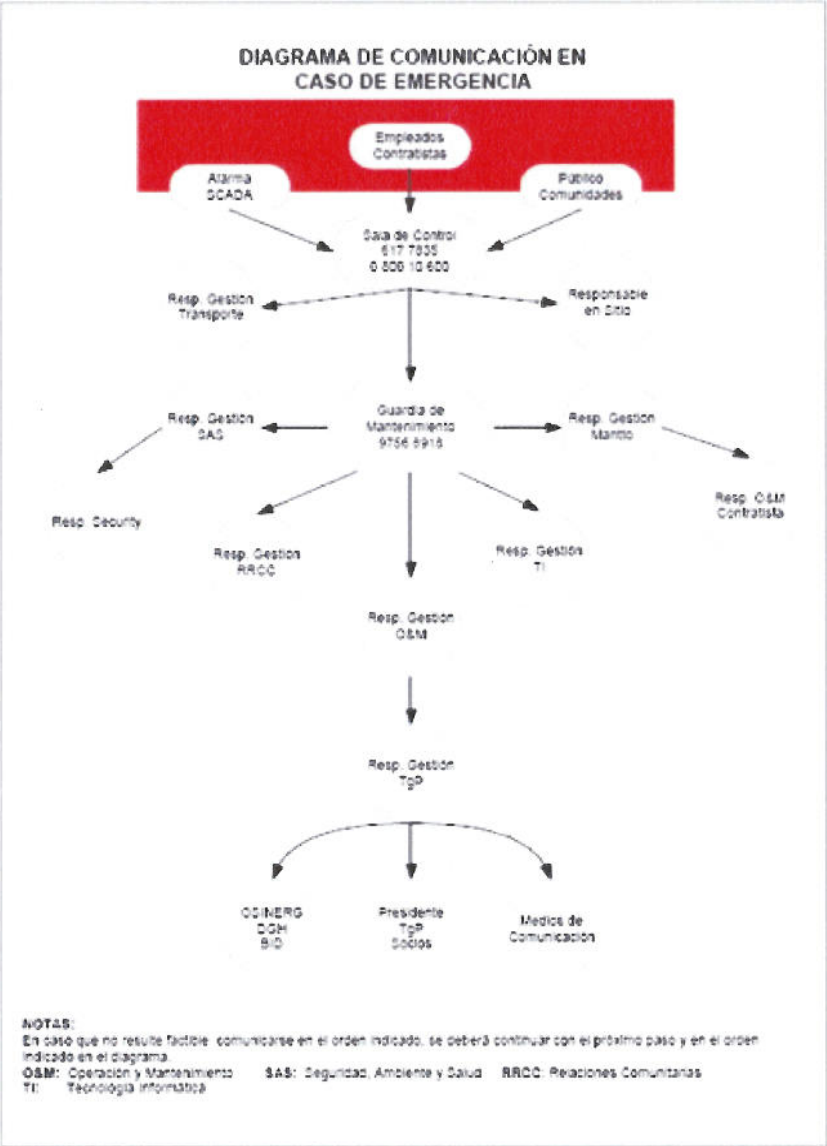
4. Others

TGP/COGA EMERGENCY CONTROL PROCEDURE – COMMUNICATIONS DIAGRAM

Coga	PROCEDIMIENTO	Identificación: **01 SE PR 017**	Versión: 0	Pág. **24** de 26
	PROCEDIMIENTO GENERAL PARA EL CONTROL DE EMERGENCIAS OPERACIONALES			

ANEXO 4

DIAGRAMA DE COMUNICACIONES



S.5 LIST OF EXTERNAL CONTACTS – GOVERNMENTS AUTHORITIES

1. Government Agencies

Agency	Position Contact Person	Office Telephone	Cell phone/e-mail
MINISTERIO DE ENERGÍA Y MINAS MEM	Minister Juan Valdivia Romero	Telephone: 475-0065 Fax: 475-0065	
MINISTERIO DE ENERGÍA Y MINAS DGH	General Director of Hydrocarbons Gustavo Adolfo Navarro Valdivia	Telephone: 475-0065 Fax: 475-0065	gnavarro@minem.gob.pe
MINISTERIO DE ENERGÍA Y MINAS DGAAE	Directora General de Asuntos Ambientales Energéticos Iris Marleni Cárdenas Pino	Telephone: 475-0065 Fax: 475-0065	icardenas@minem.gob.pe
OSINERG Organismo Supervisor de la Inversión en Energía Sector: Presidencia del Consejo de Ministros Bernardo Monteagudo N° 222. Magdalena del Mar, Lima	General Manager Edwin Quintanilla Acosta	Telephone: 219-3400 Fax: 219-3413	
OSINERG	Manager of Supervisión in Hydrocarbons Julio Salvador Jacome	01-219 3400 annexe 1202 Fax: 219-3413	01- 264 3739 01-9668 6247 (cel.) jsalvador@osinerg.com.pe
MINISTERIO DE AGRICULTURA Instituto Nacional de Recursos Naturales INRENA Calle Diecisiete No. 355 Urb. El Palomar, San Isidro, LIMA - LIMA	Chief Isac Roberto Ángeles Lazo	Telephone: 511-224 (3298) Fax: 511-224 (3218)	jefatura@inrena.gob.pe Teléfono: 2243298 - 101
MINISTERIO DE AGRICULTURA Instituto Nacional de Recursos Naturales INRENA	General Manager Miguel de los Reyes Rosas Silva		gerencia.general@inrena.gob.pe Teléfono: 2243298 - 201
MINISTERIO DE SALUD MINSA	Health Ministry Dr. Carlos Santiago Vallejos Sologuren	Telephone: 315-6600 Fax: 431-0033	431-0408 / 431-3331
MINISTERIO DE SALUD DIGESA Las Amapolas # 350 Urb. San Eugenio, Lince (Lima 14) Lima - Perú	General Director Dra. Maria del Carmen Gastañaga	Telephone : 4428353 - 4428356 Telefax : 4226404	E-mail: cgastanaga@digesa.minsa.gob.pe digesa@digesa.minsa.gob.pe
MINISTERIO DE TRABAJO Y PROMOCIÓN DEL EMPLEO	Minister of Employment and Work Promotion Dra. Susana Isabel Pinilla Cisneros	Telephone: 315-6000 / 315-7200 Fax: anex 5011	
ESSALUD	President of the Directive Committee Ing. Pío Fernando Barrios Ipenza	Telephone: 265-7000 Fax: 471-2938	265-6000
ESSALUD	General Manger Dr. Javier Angel Rosas Santillana	Telephone: 265-7000	265-6000
MINISTERIO DE TRANSPORTES Y COMUNICACIONES MTC Jr. Zorritos 1203, Lima	Minister Dra. Verónica Zavala Lombardi	Telephone: 315-7800 Fax: 315-7800	433-0010 / 433-1888

2. Local Authorities

Agency	Position Contact Person	Office Telephone	Cell phone/e-mail
LIMA			
GOBIERNO REGIONAL DE LIMA Avenida Tupac Amaru 403-405, Huaura, Huacho - LIMA	Regional President Miguel Angel Mufarech Nemy	232-2762	232-2762
GOBIERNO REGIONAL DE LIMA Avenida Tupac Amaru 403-405, Huaura, Huacho - LIMA	General Manager Juan Falcón Ugarte	232-5999	
MINISTERIO DE ENERGÍA Y MINAS Regional Lima Av. 28 de julio 468-Huacho	Eng. Antonio Cuadrado Vega	Fixed Telephone : 239-4187 Fax : 239-4187	Cel : 9653-5726 Regional - mail rlima@minem.gob.pe
INDECI Instituto Nacional de Defensa Civil Dirección Regional de Lima y Callao Dirección: Av. Galvez Barrenechea 366 - San Isidro	Regional Director Lima-Callao Juan Carlos Campos	(01) 475-6000	segunda_region@indeci.gob.pe
INDECI Instituto Nacional de Defensa Civil Dirección Regional de Lima y Callao	INDECI Chief Juan Luis Potesta	01 - 225 9898 (of). 01-224 0918	
COMPAÑÍA NACIONAL DE BOMBEROS IV Comandancia Departamental - Lima Centro	First Chief Major member of the brigade CBP MINI MESARINA, Miguel Alberto	427-0489 / 427-5392	
COMPAÑÍA NACIONAL DE BOMBEROS Lurin	Commander Tnte.Gustavo Ormeño Mendoza	01-430 3120	
COMPAÑÍA NACIONAL DE BOMBEROS B-49 CAÑETE	Captain CBP NAVARRO FERNÁNDEZ, José Jesús	581-2004 / 581-1144 Rpm 88049 9871-8984	Rpm 88515 9864-6365
Essalud Hospital Cañete Av. Mariscal Benavides 495		581-3404	
Hospital Rezola	Executive Director Dr. Chia Chong	581-1349 581-2010	
ICA			
GOBIERNO REGIONAL DE ICA Dirección: Av. Cutervo No. 920 Ica, ICA	Regional President Manuel Vicente Tello Cespedes	Telephone: (056) 238575-219133-229236-238481 Fax: 228200	
MINISTERIO DE ENERGÍA Y MINAS Regional Ica Parque Industrial Mz. C y D La Angostura	Eng. Leoncio Teófilo Carnero Carnero	FixedTelephone: 056-212331 Fax : 056-212331	Director - mail lcarnero@minem.gob.pe Regional - mail rica@minem.gob.pe
INDECI Defensa Civil de la Municipalidad de Chincha		056-9725475(Ica)	
MINISTERIO DE SALUD DIGESA Calle Cajamarca 204, ICA	Executive Director Marco Antonio Arbulú Gavilano	056-231311 056-228136	
POLICÍA NACIONAL Comisaría Sectorial de Chincha Av José Gálvez Chipoco 220 Chincha Alta, Chincha		056-261391	
POLICÍA NACIONAL Comisaría Grocio Prado – Chincha Plaza de Armas s/n, Grocio Prado, Chincha		056-269006 056-266484	

Agency	Position Contact Person	Office Telephone	Cell phone/e-mail
INDECI Dirección Regional de Defensa Civil de Ayacucho-Huancavelica Dirección: Jr. Quinua 462 Cercado - Ayacucho	Regional Director Arq. Alfredo Jesús Castro Mendoza	Telephone: (066) 326149 Telefax: (066) 326149	region_ayacucho@indeci.gob.pe
COMPAÑÍA NACIONAL DE BOMBEROS B-63 AYACUCHO	First Chief	Rpm 88063 083-9640089	rpm 88349 Tel083 9640138
COMPAÑÍA NACIONAL DE BOMBEROS B-56 HUANCAVELICA	First Chief Lieutenant member of the brigade CBP Merino Espeza, Celestino	067-753100 rpm 88056 Tel 064 9652068	rpm 88693 Tel064 9652084
CORPAC Aeropuerto Cnel. FAP Alfredo Mendivil AYACUCHO	Control Tower Nestor Puchuri		066-312418 (of.) 066-317701
POLICÍA NACIONAL IX Región de la PNP	Coronel – Chief of IX Region Haroldo Ocampo Ríos		066-812454
MINISTERIO DE SALUD DIGESA Av. Independencia 355, AYACUCHO	Eng. Vladimir Rivero Maldonado	066-312311	
MINISTERIO DE SALUD Dirección Regional Ayacucho Av. Independencia s/n, AYACUCHO	Health Director Dra. María Torrealba Cabrera	066-312075 (Direction) 066 - 812075 (Central Telefax)	
MINISTERIO DE SALUD Dirección Regional de Salud Huancavelica Av. Andres A. Cáceres s/N Barrio Yananaco HUANCAVELICA	Director: Dr Ezequiel Benítez Tocaya Medina	Direction: 067-228136/452532 067 – 752991 Central Telefax)	
ESSALUD AYACUCHO	Manager of Department Dr. Wilber Joseph Vega Mendoza Medical Director Feliciano Mederos	Emerg 066-314250 066 – 312 470 (of.) 314072 312296 066 – 314072(fax.)	
	CUSCO		
GOBIERNO REGIONAL DE CUSCO Av.Tomasa Tito Condemayta s/n Cusco, CUSCO	Regional President Carlos Ricardo Cuaresma Sanchez	Telephone: (084)-234068 / 241515 Fax: (084)-223071	
MINISTERIO DE ENERGÍA Y MINAS Regional Cusco Av. de la Cultura N° 732-A-4to piso	Eng. Mauro Valdivia Jordan	Fixed Telephone : 084-226191 Fax : 084-226191	Cel : 084-9625813 Director - mail mavajo@terra.com Regional - mail rcusco@minem.gob.pe
POLICÍA NACIONAL X Región de la PNP	General – X Chief Territory Direction Cusco Carlos Alberto Esaine Armas		084-226 009 (of.)
POLICÍA NACIONAL Policía de Carreteras	Captain PNP –Chief of the Highways Police Calca		084-804306 (of.)
POLICÍA NACIONAL Policía de Carreteras	Captain PNP - Chief of the Highways Police Quillabamba Narciso Huamanrayme		Does not have
POLICÍA NACIONAL Comisaría Calca	Captain PNP – Chief of the Command of Calca Arnaldo Bedoya		084-202 223 (of.)
POLICÍA NACIONAL Comisaría Quillabamba	Major PNP - Chief of the Command of Quillabamba Segundo Calamba		084-281 143 (of.)