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APPENDIX 12

Community Health Specification

Purpose

To avoid or minimize the negative and leverage positive impact on the health of the local community due to *Company activities*.


What situations are covered?

This Specification is applicable both to construction and operation activities if otherwise stated.


Requirements

Issue or Impact	Criteria under which circumstance mitigation is to be applied	Mitigation (any commitment or obligation to take action to avoid, minimise or reduce an impact)	Compliance (i.e. Monitoring)	Project Stage
Sexually transmitted diseases (STDs) Risk of transmission: the high likelihood of unprotected intercourse poses a significant risk to local communities and workers.	Measures to reduce risk from infectious disease will be required prior to, and during contact of workforce with resident populations.	Health awareness programs for all staff and contractors. Camp management philosophy restricting unauthorised access for public and creating supportive environment for workers and camp design with adequately sized and well-maintained recreation and sport facilities and free access to leisure activities & entertainment; connection to home and internet, convenient services and amenities, incl. the means of individual protection (condoms). Availability of treatment and counselling for infected individuals in workforce. Dealing with workers and local communities in line with Company Code of Conduct; Human Rights and Security policy.	Monitoring camp and contractor compliance with Sakhalin Energy Health and Welfare specification; Contractors' Health management specification through health and social compliance audits and reviews.	Applicable in case of large-scale construction works or operational activities with a significant potential for community health impacts and with a major proportion of non-resident workforce
Communicable and Vector-borne diseases.	To be implemented: In all high-risk project activities, including all land	Effective preventative measures defined by legislation or industry practices w.r.t prevention of communicable or vector borne diseases; provision of safe accommodation,	All staff will be provided with risk-based vaccination and personnel protection	Construction and operation.

Issue or Impact	Criteria under which circumstance mitigation is to be applied	Mitigation (any commitment or obligation to take action to avoid, minimise or reduce an impact)	Compliance (i.e. Monitoring)	Project Stage
<p>Risk of increased transmission of these diseases due to import of diseases or vectors or changes in natural ecosystems, as well as outbreaks amongst workforce as a result of Company activities.</p>	<p>clearance, major project activities and field work; As part of all waste, sewage and sanitary management programmes; In all high-risk areas, i.e. in proximity to reservoirs, waste sites, known vector infestation and quarantine areas.</p>	<p>catering services as well as food and drinking water supply; Identification, monitoring and follow up of outbreaks or incident cases of communicable diseases amongst its workforce in line with legislative requirements: Notification of Local Health and Sanitary authorities on a case by case basis in case of a communicable disease outbreak Risk-based immunization program of the workforce in line with National Calendar of prophylactic vaccination on epidemic indications (Order of March 21, 2014 N 125n, Ministry of Health of the Russian Federation). Training of medical, paramedical and other staff in identification of communicable and vector-borne diseases, and implementation of the appropriate management regimes (i.e. IOGP/IPIECA Infectious disease outbreak management and Vector-borne disease management programmes).</p>	<p>equipment in relation to individual worker activity health risk in compliance with HSE Standards. The Sakhalin Energy health team periodically audit a random sample of medical fitness examination records. Asset teams and Corporate HSE jointly audit medical fitness of the workforce. Sakhalin Energy conducts inspections in the accommodation facilities and catering agencies used by company staff and contractors. Water treatment facilities operated by the Assets are also inspected regularly. Sakhalin Energy and contractors periodically monitor drinking water at working and residential facilities used by the project workforce. Sakhalin Energy assess and monitor the status of accommodation and catering standards including focus on food quality, supply and</p>	

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Issue or Impact	Criteria under which circumstance mitigation is to be applied	Mitigation (any commitment or obligation to take action to avoid, minimise or reduce an impact)	Compliance (i.e. Monitoring)	Project Stage
			hygiene practice as well as waste management used by company staff and contractors as part of an ongoing commitment to ensure HSE standards.	
Risk of substance abuse by workforce and spread to resident population.	To be addressed and implemented from onset of employment as part of worker terms and conditions. During any incidence where the workforce interacts with resident populations.	Establish contractual agreement with workers and contractors stipulating conditions where they may be made subject to a commensurate disciplinary action and/or dismissal through either the use or trafficking of illicit substances. Implement employee alcohol and drugs awareness, prevention, assistance and education programs. Assist and support community awareness programmes. Contractors to implement camp management policy in regard to alcohol and drug misuse. Implement Sakhalin Energy Code of Conduct for workers/employees. Provide recreational alternatives within camp for the workforce. Implement legally authorised spot checks on work personnel and property to detect and prevent the use and trafficking of illicit substances within the accommodation compound and at the workplace.	Company and contractors will test the workforce for illicit substances, with more frequent testing of staff and contractors working at high hazard / risk work sites in line with Russian Federation testing requirements. Legally authorised officers shall conduct random personnel and property searches. The Sakhalin Energy health team will periodically audit a random sample of the workforce to examine medical fitness and use of illicit substances.	Measures related to Company and contractor personnel are applied routinely. Measures related to communities are applicable in case of large-scale construction works or operational activities with a significant potential for community health impacts, with a major proportion of non-resident workforce and the use of camp facilities.
Health services infrastructure and capacity Risk of increased demand on existing community health care facilities in case of mobilization of	Mitigation is to be applied in any circumstance that the workforce may impose burden upon existing community health and/or emergency	Assess staff medical fitness prior to employment to anticipate and prevent where possible the occurrence of ill health at work which could place the individual, colleagues and the wider community and emergency services at risk.	The Sakhalin Energy health team will assess worker health risk and establish internal and local health service capabilities and service	Applicable in case of large-scale construction works or operational activities with a significant

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Issue or Impact	Criteria under which circumstance mitigation is to be applied	Mitigation (any commitment or obligation to take action to avoid, minimise or reduce an impact)	Compliance (i.e. Monitoring)	Project Stage
substantial number of workforce or mass casualty event that may result in reduced availability and quality of health care and treatment to resident populations, leading to a decrease in general health.	response facilities or staff.	<p>Undertake health infrastructure upgrade of selected key hospitals if required to allow sufficient capacity for treatment of the workforce.</p> <p>Implement medical emergency response plan in partnership with other companies and stakeholders, to identify cumulative impacts upon health care facilities, and equally cumulative enhancement programmes in case of large-scale incidents or a series of simultaneous accidents that require major medical response.</p> <p>Where contractors are working in hazardous and remote areas, equip a worksite clinic with medical staff and supplies as directed by the O&G standards for local medical support. HSE clauses in contracts should specify the standards and requirements within camps.</p>	demand accordingly.	potential for community health impacts and with a major proportion of non-resident workforce.
Exposure to potentially of hazardous substances	All locations where hazardous substances are used or stored, as well as transportation routes.	Sakhalin Energy maintains Chemicals Management Specification (that require product stewardship of hazardous substances, including the cradle to grave management of these substances and the selection of substances based on the minimum effect on human and environmental health.	Sakhalin Energy's standards pertain to safe handling and use of hazardous materials, including transportations thereof as per the Chemical Management Standard.	All project life cycle
Catastrophe scenarios and mitigation strategies	Earthquakes, explosions, community epidemics etc.	Sakhalin Energy shall develop comprehensive worst-case scenarios and mitigation strategies not relying on local resources for incidents such as earthquakes, explosions, community epidemics etc. through business continuity planning.	Development of scenarios and mitigation strategies. Business continuity plan is regularly reviewed and updated.	On a regular basis all project life cycle.