

Wärtsilä Safety and Wellbeing Pledge

Safety is Wärtsilä's Non-negotiable Priority
v. 2.0 – February 2026

Introduction

Wärtsilä is committed to creating and maintaining a safe and healthy workplace for our employees and partners, wherever we operate, by applying high standards of occupational health and safety informed by applicable laws, regulations, best industry practices, and manufacturer instructions (collectively, “Best Safety Practices”). Customer and Site Owner shall provide Wärtsilä documentation showing compliance with Best Safety Practices where requested and reasonably possible. This document sets out minimum requirements to enable safe working conditions for all Wärtsilä, Customer, and third-party personnel collectively servicing Customer’s equipment or performing work at sites under Customer’s control and at third-party locations – such as shipyards – under the control of a Site Owner, Customer and / or Site Operator, in accordance with the Responsibilities’ matrix set forth in the Chapter 6 herein.

Every member of Wärtsilä’s on-site team, and every other worker at the work site, is empowered to evaluate the adequacy of safety measures at the work site, and each has the unconditional right to stop work at any time if they reasonably believe continuing would compromise their safety or that of another individual, and may evacuate the site, if safety is compromised at any point in time, until such time as the safety concern is remediated. No person shall suffer any adverse consequence for exercising these rights. Safety always takes precedence. Wärtsilä’s Safety Handbook offers assistance and guidance for performing work safely.

When contracting for services carried out by Wärtsilä personnel, the Customer pledges to abide by the following guidelines and requirements, to support Wärtsilä in communicating these guidelines and requirements to the Site Owner, and to secure the Site Owner’s compliance where it is within Customer’s control. A serious disregard of Best Safety Practices shall be considered a material breach of the contract under which Wärtsilä is performing the work. Wärtsilä shall have the right to extend the delivery or completion time for its work to the extent the delay is attributable to Customer or Site Owner’s failure to meet its obligations under this Safety and Wellbeing Pledge, and to claim reasonable additional costs arising from the suspension of work.

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1. Safety Risk Assessment; Site Induction

1.1 Safety Risk Assessments

Customer and Site Owner shall collaborate with Wärtsilä to perform a job safety analysis (“JSA”) prior to the scheduled start date for the work, and at agreed steps during the work assignment, and shall share with Wärtsilä any pre-existing safety evaluations relevant to the work and site. The JSA shall assess potential hazards associated with each step of the job, and appropriate mitigations. All parties shall sign off on the JSA. Customer and Site Owner shall implement any reasonable mitigations recommended by the JSA to prevent incidents, accidents, and injuries.

Customer and Site Owner have responsibility to create and implement an Environmental, Health and Safety Plan (“EHS Plan”) before work activity starts at the site / on site. EHS Plan shall be written and communicated in a language which all parties working at the site understand and agree upon. EHS Plan shall, at minimum, address the safety and wellbeing concerns described in sections 1-5 in this document and become an integral part of the agreement or contract between the parties, as a technical appendix to it.

1.2 Site Induction

Customer and Site Owner shall conduct a safety induction for all individuals working on site before any work is started. Customer and Site Owner shall comply with all applicable safety regulations, including the SOLAS Convention in marine installations, and shall maintain emergency plans awareness and life-saving appliances. At a minimum, prior to commencing any work, Customer and Site Owner shall inform Wärtsilä’s personnel about:



- Minimum personal protective equipment (“PPE”) requirements.
- Any certifications and special qualifications required to safely perform the work at site.

- List of chemicals available for Wärtsilä personnel with associated Safety Data Sheet (SDS).
- Any hazardous materials, including asbestos, present at the work site.
- The location of any medical facilities or designated personnel, emergency and local hospital phone numbers, and procedures for first aid.
- Fire & evacuation plan (including roles and responsibilities).
- Fire alarm call points.
- The location of fire equipment (extinguishers, fire hose reels, etc.).
- Fire and explosion hazards in the area and means to prevent them.
- The procedures to perform and secure hot works.
- Scope and nature of work done on-site by others in parallel.
- Customer and Site Owner shall provide copies of any safety policies in writing.

1.3 Work Authorisations



Customer and Site Owner shall secure any necessary work permits or authorisations for special activities (e.g., confined space entry, electrical work, hot work, forklift driving), simultaneous operations specified in section 4 and Lockout and Tagout (“LOTO”) procedures specified in section 5.7. Customer and Site Owner shall provide Wärtsilä personnel with adequate PPE for any activities requiring specialised PPE, such as welding.

2. Arrival at and Departure from a Customer site or Vessel; Shipping Equipment to Wärtsilä’s Workshops

2.1 Travel Arrangements

Except for legs of the journey (such as boarding at sea or by helicopter) where the Customer or Site Owner control the sole means of transport, all travel must be booked directly by Wärtsilä in accordance with its travel policies to secure the safety and wellbeing of travelling resources.

In locations where reasonably necessary, Customer and/or Site Owner shall collaborate with Wärtsilä to arrange meet and greet service at the airport, including but not limited to immigration clearance help, identification and escort out and secured transportation to and between accommodation and site.

2.2 Road Transportation



When the road transportation is arranged by Customer or Site Owner, Customer or Site Owner shall provide local conveyance in well maintained vehicles having functioning seat belts for all passengers. Vehicles shall have up-to-date maintenance documentation and be prepared for harsh weather conditions (winter tires, etc.). Customer or Site Owner shall use only qualified drivers complying with road safety rules. All persons in the car must wear a seat belt.

2.3 Boarding a Vessel

Wherever possible, Customer shall arrange for Wärtsilä’s personnel to board or disembark a vessel at a pier or in the harbour through a gangway or similar. Customer or Site Owner shall provide a safe mean of access between any ship and any quay, pontoon, or another ship alongside which the ship is secured. Where practicable, gangways should not be used at a greater angle than 55 degrees and fencing should be at least one metre high, with an intermediate rail or chain, adjusted to the vessel(s) movements.

Customer and Site Owner shall follow the IMO Convention for Safety of Life at Sea (SOLAS Chapter V, Regulation 23), which sets out the requirements for boarding arrangements. Tools and luggage shall be separately transferred to or from the vessel by the vessel/boat crews using appropriate means. Transfer during

the hours of darkness, or during rough weather conditions shall be avoided. If it is unsafe to embark or disembark, Wärtsilä's personnel may refuse to embark or disembark and request Customer or Site Owner of the vessel or boat to rectify any safety concerns. If the conditions cannot be met, embarkation or disembarkation shall not be attempted, and the Wärtsilä personnel shall be returned to a safe haven.

Customer shall ensure that seaworthiness and type of the pilot/launch boat to be used in the transfer is adequate. The boat shall comply with local port/maritime authority regulations. The boat shall be manned by a minimum of two persons (coxswain/deck hand) and shall

- carry sufficient emergency equipment (lifejackets for passengers, radio, flares, man overboard equipment),
- be equipped with proper illumination,
- have safe passage on the deck from the cabin to the spot of boarding/disembarking, and
- have a railing which the person can hold just before embarkation/after disembarkation.

All Wärtsilä employees involved in the transfer shall be briefed about the procedures prior to the transfer. The briefing shall include:

- navigational/time constraints,
- expected weather conditions,
- required clothing and lifesaving equipment,
- type of transfer to be used (e.g., pilot ladder or combination arrangement), and
- actions required in the event of man overboard.

2.4 Helicopter Transfer

Customer shall inform Wärtsilä well in advance if the transportation is done by helicopter so that Wärtsilä can assign personnel trained in helicopter transfer safety procedures. Customer shall secure that the helicopter is certified according to International Civil Aviation Organization (ICAO) rules. Helicopter decks (helidecks) onboard offshore facilities shall comply with the requirements of ICAO. The passengers must receive a safety briefing and safety equipment as part of every helicopter transport.

2.5 Shipping Equipment to Wärtsilä's Workshops

When shipping equipment or components to Wärtsilä's workshops, Customer shall ensure they are packed in a manner that minimises the risk of damage to the component or injury during unloading and unpacking. Specifically, Customer shall ensure that:

- components stay secured to the pallet/crate during transit with appropriate strapping methods,
- no items are stacked on top of components placed on pallets during loading onto the transportation vehicle. Stacking is only permissible when using a crate as the base, provided the following safety criteria are met:
 - the base crate accommodates the items stacked atop it without overhang,
 - the crate at the base is rated to withstand the combined weight of all stacked items, including its own weight, and
 - stacked components are secured to prevent falling during transit.

3. Lodging, Facilities, and Food

Customer or Site Owner shall secure access for Wärtsilä's personnel to facilities and accommodations sufficient to allow recovery after a workday where they can get comfortable and uninterrupted rest between shifts, adequate nutrition and sufficient beverages to maintain health, work capacity, and safety. Customer or Site Owner shall secure that Wärtsilä personnel can access off-site locations and activities after work hours where possible or shall otherwise enjoy the same freedom and facilities available to Customer's crew if lodging on-board a vessel or at remote site.

Unless otherwise agreed, Customer or Site Owner shall secure the following minimums:

3.1 Food and Beverages

- Access to at least 3 meals a day, with access to fresh, healthy food.
- A warm dinner of choice.
- An adequate supply of drinking water near the work area in clean containers clearly marked.

3.2 Working Conditions

- 8 hours continuous sleep every 24-hours.
- A maximum of 13 working hours a day, or less if local legislation is more restrictive. Travelling time is counted as working hours.
- Access to climate-controlled facilities in close proximity to the work site with
 - available drinking water,
 - storage sheds with locks, equipped with shelves and bins for tools, equipment and supplies,
 - changing rooms that are either private or adequately address the user's privacy concerns, provided with locks, a toilet and washing facilities, and
 - furnished offices with locks, with electricity and equipped with usable telephones and internet upon Wärtsilä's reasonable request where such facilities are reasonably needed for the completion of the work and Wärtsilä's duties.

3.3 Accommodation: General requirements

- If Wärtsilä's personnel are to reside at or near the work site for more than one day, Site Owner shall secure that, during the entire duration of their stay, they have access to accommodations that, at minimum:
- are equipped with adequate safety systems, including a fire detection, prevention and suppression systems with smoke and carbon monoxide alarms (or their equivalents),
- have a clear and prominently posted escape plan, where all escape paths and muster points are accessible and fully operational,
- are furnished with beds, pillows, bedsheets and blankets,
- are reasonably secured against unauthorised external access,
- have heating or cooling systems capable of continuously maintaining a comfortable room temperature.
- are clean, hygienic, and free of any health-impacting hazards such as mould, pests or infectious diseases,
- provide a satisfactory level of comfort, privacy, and protection from noise, vibration or other disturbances to allow for at least eight (8) hours of uninterrupted rest on a daily basis,
- provide adequate space or facilities for exercise and wellbeing,
- provide access to, and use of, a toilet and shower with privacy, running hot water, and adequate clean towels,
- provide access to facilities or services for washing and drying laundry,

- provide reasonable free space for movement and storage of personal belongings,
- provide access to electrical outlets in the room,
- provide access to cellular phone networks, internet, or other communication facilities to the degree such are accessible, and on terms no less generous than those applicable, to the Site Owner's own employees, the vessel's crew, or other contractor working at the site,
- are land-based where feasible (e.g. when the vessel is docked, dry-docked or berthed) taking into account both safety and duration of the commute to the work site, and
- are intended for long-term occupancy (i.e. not Suez-style cabins).
 - Any facilities, systems or services specified above must be adequate to fulfil their intended purpose, hygienic, fully active and generally accessible, regularly inspected and maintained, in good working order, and are preferably within the room or cabin, or, if that is not possible, then in close proximity to, (as applicable) the sleeping accommodations.

3.4 Accommodation: Private Lodging

- Except as provided for below, Site Owner shall ensure that Wärtsilä personnel are lodged in private rooms for the full duration of their stay, without having to share with another person. In exceptional situations, if agreed with Wärtsilä prior commencement of the job, accommodation may be shared if the following conditions are met:
 - a maximum of 2 persons are lodged per cabin/room, without "hot-bedding",
 - persons sharing a cabin must both consent and have their privacy concerns adequately met by the sharing arrangement, and
 - both individuals must be Wärtsilä personnel.

Individual Wärtsilä personnel may voluntarily waive any of these requirements in Section 3.4 if there is no negative impact on health, safety or well-being.

4. Co-ordination at Work and Simultaneous Operations



Customer or Site Owner in charge of simultaneous operations is responsible for coordinating all work activities at the same work site to avoid any conflict, hazards, or interference with the work performed by Wärtsilä, and implement sufficient measures to ensure health and safety for all parties.

A daily co-ordination meeting shall take place with all parties who are engaged in simultaneous activities to agree on the schedules, work permits, isolation of hazardous areas, and other safety measures.

Wärtsilä has experienced that the following simultaneous activities have caused severe risks at Customer facilities: lifting operations, use of hazardous chemicals or pressure tools, hot work, working above each other, and any operation requiring removal of protective structures.

Customer or Site Owner shall always promptly inform about operations which may impact the safety of the installation, such as ballasting of vessel, bunkering operations, test run of equipment, etc. Competent personnel shall be assigned for high-risk activities like operating cranes or forklifts, electrical work, work on fuel systems and erecting scaffolding. Methods statements, lift plans and similar shall be prepared prior to the commencing of the high-risk activity. Customer or Site Owner shall provide necessary Personal Protective Equipment for manpower provided by them to assist Wärtsilä team during execution of work. The Customer or the Site Owner shall promptly inform Wärtsilä personnel of any changes to the planned activities.

Overhaul operations beside a running engine should be avoided due to the risk of fire, heat and noise exposure and risk of engine break-down. In case this cannot be avoided, extra precautions shall be taken to secure the safety of personnel.

5. On-site Working Environment

5.1 Heating, Cooling, Ventilation, and Illumination; Confined Spaces and Gas Monitoring

Customer or Site Owner shall ensure that illumination, ventilation and general safety in the work site is maintained adequately, and that the engine room is equipped with emergency lighting.

Customer or Site Owner shall keep adequate ventilation running continually in the enclosed working areas (e.g., engine room and auxiliary spaces) to prevent heat illnesses and exposure to hazardous fumes and dusts. Customer shall prohibit fume or dust generating activities (grinding, painting, welding) close to the ventilation air intake. If not possible to keep the ventilation running, portable fans may be required.

When employees are exposed to excessive heat, the Customer or Site Owner shall arrange a cooler place to have the breaks at an adequate interval and provide proper hydration for all Wärtsilä personnel to prevent heat-related stress. The Wärtsilä team has been instructed to take regular breaks depending on the temperature and humidity conditions at site and this needs to be considered in the work schedules and rest periods.

If the work site is a confined space where toxic gasses may accumulate, Customer or Site Owner shall monitor and measure hazardous gases according to Best Safety Practices.

5.2 Equipment and Tools, Facilities, Consumables, Supporting Personnel



Availability of required general tools and Wärtsilä Engine Equipment shall be agreed prior to commencement of the service activities. Each party shall be responsible for the operation, maintenance, calibration and validation of any equipment or tools it provides, and for ensuring all personnel are trained on, and employ appropriate procedures and safety measures to safely and correctly operate its equipment or tools.

Unless the contract states otherwise, Customer shall provide or secure for Wärtsilä, at no additional cost, sufficient support, tools, facilities and equipment to complete the work, including

- all general tools required for maintenance as described in the applicable OEM manual (e.g. hydraulic/pneumatic tools and hoses, lifting tools, hand and removal tools),
- ancillary manpower equipped with appropriate tools (e.g., drills and hand lamps),
- heavy duty lifting, hoisting and transportation equipment,
- consumables in accordance with Best Safety Practices, including fuel, lubricants, coolant inhibitors, water, electricity, compressed air, cleaning agents and rags,
- sufficient cleaning and storage facilities, and
- adequate and safe electrical connections and AC main power appropriate for the region with protective device, and adequate illumination, including, e.g. hand lamps where required.

The party providing equipment, tools, facilities, or manpower shall ensure that, in accordance with Best Safety Practices,

- they are adequately maintained, calibrated, and in proper and safe working condition,
- they are used only for their specific purpose and within any limitations prescribed,
- all personnel are adequately trained and can perform their duties in a safe manner, always following prescribed working hours and conditions,
- it maintains all required inspection or validation certificates, and presents them promptly upon request, and
- any repairs on the equipment, tools, or facilities are carried out in a prescribed manner.

5.3 Fire Safety



Customer and Site Owner shall ensure that they implement fire precautions and protocols in accordance with Best Safety Practices where the work is performed.

They shall secure that

- alarm points and fire equipment are unobstructed and clearly visible,
- fire-fighting equipment (e.g. fire alarms, smoke detectors and emergency lights) are maintained and in good working order,
- there are emergency lights sufficient to guide personnel out of a threatened area,
- emergency routes and exits are visible and free of obstacles, and
- fire-hazardous work is performed only by authorised employees with appropriate qualification.

5.4 Lifting Operations



As a priority, lifting operations must not be carried out over people. To avoid teams being underneath a suspended load, proper coordination and isolation of danger zone is required. Only certified tools will be accepted.

At sea, external conditions like poor weather or sea roughness can impact the safety of lifting operations. Wärtsilä service team takes necessary precautions to ensure safe operations, including Stop Work Authority if the risk is deemed unacceptable. Customer shall

- ensure lifting tools are marked with Safe Working Load or Working Load Limit,
- ensure Weight Limit for the lifting equipment is well visible for user/operator,
- maintain annual/periodical inspections of lifting gears and auxiliaries, to be duly evidenced upon provision of all applicable valid certificates whenever timely requested, and
- check lifting equipment before Wärtsilä service activities, in particular
 - ensure crane works properly, has hoist and travel limit switches, all push buttons, emergency stop, and controls have proper functions and directions,
 - ensure chain block brake works well, lifting equipment doesn't show any signs of deformation, corrosion, wear or tear, defects, and chemical attack,
 - during the use of crane, the signalman shall guide the crane operator and ensure proper communication, and
 - ensure secure anchorage points for hoists, winches, chain blocks and other rigging devices.

5.5 Working at Height/Fall Prevention



Technical solutions, like railings and barriers, shall be the preferred solutions to eliminate the risk of falling from heights. If structural measures are not possible, personal fall protection and adequate anchorage points are required.

Unstable objects such as barrels, boxes, cans, or loose bricks must not be used either as working platforms or to support a working platform.

In general:

- In case manholes are required to be opened, or floorplates or railings removed, hard barricades with kick boards where necessary and appropriate signage shall be erected and maintained by Customer or Site Owner at all approaches to the area.
- Temporary hole covers shall be visibly marked (colour-code, etc.), secured in place, capable of supporting the weight of employees, equipment and materials that may be imposed on the cover.
- It shall be ensured that steps are not worn, slippery, loose; staircases equipped with handrails.

- Spills, drips and leaks shall be cleared out immediately.
- Scaffoldings, erecting, moving, dismantling or altering scaffolds, shall be done or supervised by a scaffold competent person.
- Scaffoldings shall be adequately docked (for example having a work surface and platform) and provided with guard rails.
- Scaffoldings have to be equipped with safe access ladders (portable, hook-on or attachable), stairways, stair towers, ramps, walkways and integral prefabricated frames.
- Maximum load capacity shall be displayed on scaffolding tags.
- Overloading of scaffolding is not acceptable.
- Scaffolds must be maintained in a safe and secure condition, with visual identification of regular inspections.
- Object on scaffolding must be secured against falling as dropping might pose a threat.

Manlifts:

- Wärtsilä employee shall be instructed how to use the equipment.
- Customer shall ensure that the manlift is certified and provide confirmation of regular maintenance.

5.6 Hazardous Materials, Waste, Asbestos and Other Fibrous Materials

Before service activities at site, Customer shall identify and inform Wärtsilä in writing of the presence and condition of any Hazardous Materials and/or contaminated substances, elements or waste that are restricted by Best Safety Practices. Wärtsilä personnel shall not be required to perform asbestos work or enter the area where asbestos work is ongoing unless previously duly certified that all appropriate safeguards are in place and the compliance with applicable measures is confirmed.

Customer and Site Owner shall secure that they provide a declaration that the site is asbestos-free and free of hazardous materials prior to the commencement of any service activities. Or, if asbestos or other hazardous materials are present at the work site, Customer or Site Owner

- has a documented asbestos maintenance and monitoring programme,
- can warrant that asbestos fibres in air does not exceed 0,01 fibres/cc,
- the hazardous materials have been labelled, sealed, undisturbed and in good condition, and
- has informed Wärtsilä's personnel about any possible activities involving the removal of asbestos ongoing in the workplace.

If Wärtsilä personnel encounter or suspect the presence of asbestos or other hazardous materials, they may suspend work until the risks imposed are adequately controlled.

Customer or Site Owner shall ensure all waste and hazardous materials are handled, removed and disposed according to Best Safety Practices and with the minimum possible adverse environmental impact. If activities involve cleaning of hazardous materials from equipment being serviced, Customer or Site Owner shall provide adequate PPE, such as hygienic clothes.

5.7 Lockout and Tagout – Isolation of Energised Systems



Hazardous energy can be in the form of electricity, hydraulic, pneumatic, chemical, radiation, thermal, or mechanical/gravitational energy. The Customer or Site Owner shall ensure that all precautions have been taken to prevent any energised system or machinery from unexpected energising, start-up, or release of stored energy that could cause an accident.

When Wärtsilä personnel must work with or close by energised systems, the Customer or Site Owner shall establish a robust Lockout/Tagout (LOTO) and a Work Permit process. The Customer or Site Owner shall have documented system-specific LOTO procedures and diagrams which outline the steps the authorised individual(s) must take to isolate and perform lockout/tagout for different energy sources, to verify that the

isolation is effective, and to restore energy. The Customer or Site Owner shall have lockout/tagout devices (LOTO kits) available at their installation. Lockout/tagout devices should be standardised, clearly identifiable, and equipped with a padlock or equivalent mechanism sufficient to prevent unauthorised unlocking.

Before conducting any service activities with energised systems, the Customer or Site Owner and Wärtsilä shall agree on clear accountability for lockout/tagout activities. Wärtsilä personnel shall hold the key(s) of the locking device when they are working on the system(s) that are isolated from the energy sources.

To effectively isolate the energy before commencing service activities is required to:

- get approval from all involved parties to shut down the system and isolate energy sources,
- conduct a risk assessment to identify correct systems requiring isolation, and to understand residual risks,
- communicate the planned isolation of energy with all parties working on or close by the energised system,
- issue a permit to work, where needed, defining the responsibilities to implement LOTO and other safety precautions (e.g., PPE, condition of tools, communication, etc),
- shut down the system: close the valves, block or release mechanical equipment, block or vent fluids, de-energise electric circuits, etc.,
- eliminate the risk of unexpected energy release by placing locks, e.g., locking switches or valves, separating pipes with spades/blind flanges, or locking access doors,
- tag out the equipment that is locked out to identify the lock owner and the time for isolation,
- verify the effectiveness of energy isolation by testing and/or observing that all energy sources are de-energised. Any potentially hazardous stored or residual energy must be relieved, disconnected, restrained, or made non-hazardous in some other way, and
- communicate the status of isolations between shifts and different workgroups and monitor the isolation periodically for effectiveness.

Before the restoration of energy, it is required to:

- get permission from all involved parties to carry out the de-energisation and communicate the restoration process,
- verify that all employees finished their tasks in the area and are not exposed to energised systems,
- check if the area was left in a safe condition,
- restore energy to the equipment in the order indicated in the lockout procedure, remove tags and locks,
- before restarting the equipment, notify all affected employees that the Lockout / Tagout devices have been removed, and energy is to be restored, and
- restore the energy and do operational checks after energy restoration.

5.8 Overriding or disabling of safety-critical equipment



Customer or Site Owner shall ensure that all safety-critical equipment works correctly to keep Wärtsilä personnel safe. During troubleshooting, maintenance, and commissioning operations, overriding or disabling safety-critical equipment requires authorisation.

Safety-critical equipment includes, but is not limited to isolation devices, emergency shut-down valves, lock-out/tag-out devices, trip systems, relief valves, fire/gas alarm systems, monitoring systems, limit switches, covers of mechanical equipment, and components of fall protection structures, like guardrails and gratings.

The Customer or Site Owner shall have a procedure for situations when disabling or overriding safety-critical equipment, or crossing a barrier, is required. The procedure shall clearly identify who must authorise the overriding or disabling, and what additional safety precautions apply in these situations.

The Customer or Site Owner shall inform Wärtsilä about all situations when safety-critical equipment is overridden or disabled with the potential to impact Wärtsilä personnel. Customer or Site Owner shall ensure that barricading or equivalent protections are in place to ensure unauthorised personnel cannot enter any work location where safety-critical systems are not functional.

5.9 Confined Space



All parties shall ensure that safe conditions are verified before Wärtsilä personnel enter a confined space.

As a minimum:

- A confined space entry permit shall be issued by Customer or Site Owner.

- Customer or Site Owner shall provide means to ventilate the confined space and conduct required gas monitoring.
- Non-sparking tools and specially protected lighting are used wherever flammable or potentially explosive atmospheres are likely to create hazardous conditions.
- An adequate communication system is in place to enable communication between people inside and outside the confined space. There has to be a trained attendant outside the confined space.
- Effective arrangements for raising the alarm and carrying out rescue operations in an emergency shall be in place.
- All equipment used inside the confined space has been inspected and tested to be in good working condition prior to entry into the space.

5.10 Safety Requirements for Installations Using Methanol



Customer and Site Owner shall ensure that the following systems are in operation wherever a methanol leakage is possible during performance of the work:

- fixed methanol detection and alarm system,
- ventilation system,
- fire detection and fire extinguishing system applicable for methanol fires,
- emergency shower/eye wash station, and
- explosion-proof electric installations and grounding in hazardous areas.

Customer and Site Owner shall have portable gas detection device(s) in use in the installation to detect methanol in a) toxic and b) explosive levels, as well as to detect c) low oxygen due to inert gas leakage. Installation shall be equipped with portable or fixed alcohol-resistant foam extinguishers to cover a methanol spill and suppress a pool fire. Installation shall be equipped with a suitable amount of Personal Protective Equipment and explosion-proof tools for different exposures to methanol and emergency scenarios in case of leakages. Customer's and Site Owner's personnel shall have the required competencies to operate and maintain the methanol installations. Customer and Site Owner shall establish, train and equip their Emergency Response Teams for methanol emergencies, and familiarise Wärtsilä personnel with emergency procedures.

5.11 Medical Facilities and Repatriation

Customer and Site Owner shall make their medical facilities and resources available to Wärtsilä's personnel. If no medical facilities are available on site, Customer and Site Owner shall assist in bringing Wärtsilä personnel requiring medical attention to the nearest available medical facility.

Customer and Site Owner shall secure that medical attention and hospital treatment shall be at a minimum adequate and the best possible in the area. If after medical examination it is considered necessary to repatriate an ill, injured, or deceased member of the Wärtsilä's personnel, Customer and Site Owner shall assist Contractor in arranging for such repatriation in a safe and expedient manner.

6.Division of Responsibilities, Securing Safety of the Work site

To secure safe working conditions at a site, close collaboration of all parties involved is important. The below tables 6.1 and 6.2 outline the responsibilities for specific safety relevant activities. Either party shall comply by properly implement the actions required in practice and ensure any third party it controls or contracts with also complies with the responsibilities assumed according to the indicated matrix of

responsibilities below. The implementation of procedures and obligations identified below shall be reviewed periodically during the execution of the work.

Where a responsibility is placed upon Customer, Customer shall be accountable for any third parties it has a contractual relationship with that may in practice carry out that responsibility, such as the Site Owner, site operator, vessel owner, vessel charterer, or ship management company. However, specific Customer responsibilities may be delegated to Wärtsilä under an Operations and Maintenance Agreement, in which case Wärtsilä will step into the shoes of Customer for those responsibilities. In all other circumstances, a party delegating its responsibilities to a third party shall remain accountable and jointly liable for its subcontractor's compliance.

Customer and any related parties shall promptly notify Wärtsilä, along with any involved Wärtsilä personnel on site, if they become aware of conduct not adhering to Best Safety Practices. If Wärtsilä fails to remedy the unsafe conduct, Customer and/or the party in control of the site where the Work is being carried out - may remove the non-compliant Wärtsilä personnel from the site. Customer's or related party's failure to give timely notice may be deemed acceptance of responsibility and a waiver of any claims.

6.1 Site Security

ITEM	RESPONSIBILITY ASSIGNED TO:		DESCRIPTION
	Customer	Wärtsilä	
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Site Security Plan shall be in place and available. Security briefings shall be provided on regular basis to WÄRTSILÄ personnel.
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The site shall be protected by adequate means of security fencing, gates and access control, perimeter security (such as guarding service and/or video surveillance).
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Safeguarding of WÄRTSILÄ equipment, tools, consumables and parts when delivered to site.

6.2 Environmental, Health and Safety Protection

ITEM	RESPONSIBILITY ASSIGNED TO:		DESCRIPTION
	Customer	Wärtsilä	
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overall responsibility and authority of the safety management at the site, responsibility for arranging safe working environment for all employees working at the site.
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Responsibility to provide EHS Induction training for personnel immediately upon their arrival at site.

3	<input checked="" type="checkbox"/> <input type="checkbox"/>	Responsibility for adequate storage of hazardous materials and equipment provided by any party (if applicable).
3a	<input type="checkbox"/> <input checked="" type="checkbox"/>	Provision of Material Safety Data Sheets for Hazardous Materials supplied by WÄRTSILÄ.

3b	<input checked="" type="checkbox"/> <input type="checkbox"/>	Provision of Material Safety Data Sheets for Hazardous Materials not supplied by WÄRTSILÄ according to who is supplying.
4	<input checked="" type="checkbox"/> <input type="checkbox"/>	Responsibility for providing adequate ventilation in places where gases and polluted air is present as a result of works being undertaken (painting, grinding, welding, etc.).
4a	<input checked="" type="checkbox"/> <input type="checkbox"/>	Responsibility for atmosphere testing and access control to confined spaces, when WÄRTSILÄ personnel is required to perform their duties in such locations.
5	<input checked="" type="checkbox"/> <input type="checkbox"/>	Responsibility to ensure that floor plates are installed and fixed in their designated positions and that scaffoldings are installed and managed properly.
6	<input type="checkbox"/> <input checked="" type="checkbox"/>	Responsibility to provide PPE for WÄRTSILÄ personnel working in site / on site.
7	<input checked="" type="checkbox"/> <input type="checkbox"/>	Responsibility to create and implement Health and Safety Plan before activity starts at the site / on site. EHS Plan shall be written and communicated in a language which all parties working at the site understand.
8	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	EHS Plan review and approval before the contractual work begins.
9	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Participation in regular safety meetings and weekly safety inspections/Walk through inspections at the work site.
10	<input checked="" type="checkbox"/> <input type="checkbox"/>	Instructions and all necessary arrangements shall be in place to the effect that all hazards and accidents occurred in work site/on site, where they affect safety of WÄRTSILÄ personnel and its subcontractors, shall be notified in writing to WÄRTSILÄ immediately after occurrence or at least during the soonest safety meeting.
11	<input checked="" type="checkbox"/> <input type="checkbox"/>	WÄRTSILÄ employees in work site / on-site shall have access to first aid treatment and supplies during all the time when work is performed in work site / on site.

12	<input checked="" type="checkbox"/> <input type="checkbox"/>	Fire Fighting equipment in adequate proximity to where the work will be performed.
13	<input checked="" type="checkbox"/> <input type="checkbox"/>	Provision of additional EHS training and dedicated instructions to WÄRTSILÄ personnel required to participate in Sea Trials.
14	<input checked="" type="checkbox"/> <input type="checkbox"/>	Provision of Life Saving appliances to WÄRTSILÄ personnel during Sea Trials. Life vests and lifeboats to be unlocked and available for use.
15	<input checked="" type="checkbox"/> <input type="checkbox"/>	Sanitary facilities shall be available in adequate number relative to the number of users and according to satisfactory standards. Sanitary facilities shall be maintained in clean conditions.
16	<input checked="" type="checkbox"/> <input type="checkbox"/>	Responsibility for keeping the site clean and tidy and to remove and dispose of site all waste material as it accumulates.
17	<input checked="" type="checkbox"/> <input type="checkbox"/>	Arrange proper storage of chemicals and absorbing materials, clarify how to act towards authorities in case of environmental accident.