



CHIEF ENGINEER

RESPONSIBILITIES

- Responsible for maintenance and repair of the electrical, fuel, water, sewage, hydraulic and pneumatic systems aboard. Preventative maintenance and repair for the barge's cranes, compressors, work winches, anchor winches and abandon-ship systems
- To establish firm guidelines / procedures and schedules for the maintenance and check out of all mechanical equipment and systems.
- To coordinate all his activities with those of the Barge Foreman, Welder Foreman and Chief Electrician to ensure that all tasks are completed in the most efficient manner.
- To be on call to troubleshoot / operate equipment such as auxiliary pumps, air compressors, steam generators, jacks and machine shop, to assist or expedite direct job efforts.
- During pipeline operation will operate and maintain tension devices, conveyors, track shoes, davits, winches and hydraulic pumps.
- Will maintain equipment logs, barge ballast / fuel / oil / water inventories and reports, order and maintain adequate spare parts and tools inventory, compile and assign priorities for repair work.
- Will be familiar with applicable A.B.S. and ensure that all work and modifications complies with their requirements, and have a knowledge of shipyard / dry dock procedures.

QUALIFICATION AND EXPERIENCE

- The position requires a minimum of 10 years' experience as a Chief Engineer.
- Should have wide-ranging mechanical experience with emphasis on operation and maintenance of heavy-duty diesel engine. Required to have working knowledge of boilers, water desalination units, deck and derrick cranes, anchor winches, and generators.
- Construction operation requires individual to be knowledgeable of hydraulic systems relative to the operation of conveyors and tension devices. Ideally, the Chief engineer will be able to set up a machine shop and organize various types of bench test equipment.
- Should be conversant with A.B.S. and towing procedures. Considering the diversity of tasks under his control the Chief Mechanic must be flexible and able to delegate authority. Should be capable of effectively managing and supervising a multinational crew.