

Third Engineer

Duties

The Third Engineers shall report to the 2nd Engineer who shall assign him duties, both at sea and in port, and whose orders they shall consider effective and binding as though emanating from the Chief Engineer.

The Third Engineer shall assist the 2nd Engineer when necessary, in carrying out his duties.

Third Engineer is designated as in-charge of Maintenance of Auxiliary Engine and Boiler.

He is responsible for keeping record of Auxiliary engine running hours.

He is responsible for carrying out routine maintenance of the boilers.

He is responsible for carrying out planned routine maintenance of auxiliary engines such as filter, nozzle cleaning and overhaul of fuel valves under the supervision of Chief engineer or Second Engineer. Pre-overhaul checklist shall be prepared before carrying out overhauls on the Generators.

He is responsible for maintaining inventory of spares for Auxiliary engines and boilers.

He is responsible for taking indicator card readings, crankshaft deflections and bearing clearances of auxiliary engines under the supervision of Chief engineer or Second Engineer. Third Engineer shall ensure that such cards or gauges are properly calibrated before use.

He shall be responsible for maintaining records for boilers and boiler water test records.

The Third Engineer shall also carry out other machinery maintenance and monitoring as directed from time to time by the Chief Engineer and Second Engineer.

Environmental and MARPOL Management

The Third Engineer shall always comply with Company Environment Policy and MARPOL requirements under guidance of the Chief Engineer who is in-charge of waste stream management in the Engine Room.

The Third Engineer is responsible for the operation, testing, maintenance and recordkeeping of the **Sewage disposal system** including Sewage holding tank, Sewage treatment plant and Sewage overboard valve. Recordkeeping includes but not limited to Waste Water discharge log, Sewage Treatment Plant maintenance plan.

The Third Engineer is responsible to minimize leakages from the Auxiliary Engines to the bilges.

The Third Engineer shall ensure that blow down of boiler is not directly discharged into the Engine Room bilges.

Scrubber Equipment

- Plan and take Slurry [alkali] and Silo [powder] bunker.
- MgOH Slurry, Silo dosing pump and Circulation pump maintenance.

- Assist 2E in Water treatment unit maintenance, chemical filling, observation & inventory (WTU chemicals & sensor testing chemicals).
- Scrubbing SW filter, make water filter inspection and cleaning.
- Wash water weekly analysis

Maintenance of Records and log

The Third Engineer is responsible for maintenance of records and upkeep of the forms, logbooks and files as per assigned by Chief Engineer