



Services offered by Maat Engineering Ltd. for marine vessels.

Installation, repair, and maintenance of HVAC and refrigeration systems for yachts and ships:

- Repair and servicing of AC chillers
- Repair and servicing of Refrigeration systems for central refrigerators and cold rooms
- Repair and servicing of Air Handling Units
- Repair and servicing of electric motors for ventilation equipment
- Repair of kitchen (galley) exhaust ventilation
- Repair of pumps for HVAC and Refrigeration equipment
- Maintenance of cold rooms (storage)
- Inspection for refrigerant leaks and adequate action to minimize it
- Inspection and balancing of air pressure
- Replacement of HVAC&R insulation (Armaflex)
- Application of insulation paint (Armafinish)
- Inspection and repair of fire dampers and actuators
- Repair of ventilation for machinery spaces
- Adjustment of overall air conditioning system
- Preparation of a maintenance schedule for HVAC and Refrigeration systems
- Cleaning of heat exchangers and coils
- Maintenance of Air Handling Units
- Preparation for various audits (USPH, Canada PH, MCA, RAAS, HESS)
- Inventory of spare parts and refrigerants
- Supply of spare parts for HVAC and refrigeration equipment
- Supply of filters for Air Handling Units
- Thermographic Inspections
- Implementation of Refrigerants Consumption logbook according to (F-gas and US EPA regulations)
- Other Services

Important note: All repair and maintenance activities will be conducted in accordance with the planned maintenance system of the vessel (Planned Maintenance System – PMS), as well as emergency and recommended activities in line with specific operational conditions at sea.

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