



THE ENGINE ROOM AND ENGINE SAFETY

DEVANG SAINI

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including any guidelines regarding the use of protective clothing. Information on medical care to be followed in case of accidents is to be posted in appropriate places. Product data sheets are to be kept with the chemicals along with the appropriate protective clothing. An officer is to be designated in charge of chemical management. Particular care must be taken when fixing and lashing stores, bottles, drums and spares in order to avoid personal injuries and damages.

The Chief Engineer must ensure that all checks and precautions to avoid electrical shocks are taken by the Electrical Engineer Officer. Naked, disconnected/worn wires or open electrical equipment are not allowed onboard. All electrical equipment must be protected and any potentially dangerous situations immediately reported to the Chief Engineer and rectified by the Engineer Officer. The Electrical Engineer Officer must inspect accommodation areas including cabins at regular intervals to ensure that no potentially hazardous problems can result from the use of unauthorised equipment and/or alterations to the electrical wiring. All lifting equipment must be regularly tested according to the applicable rules and / or the maker's recommendations, under the supervision of the Chief Engineer who must maintain a record of the same which is to include certification. Blocks, slings and similar equipment must be maintained in a good condition and stored separately. Safe working loads must be clearly indicated in a permanent manner. Critical measuring instrumentation must be calibrated according to rules and maker's instructions. As a final point, the Chief Engineer is to employ all available means in order to create a safety conscious and environmentally friendly atmosphere throughout the engine department. Such means include the holding of meetings, the viewing of training videos and the reading of Company manuals. All officers and ratings are to be encouraged to contribute to enhanced safety, and improved pollution prevention measures.

This comprehensive book will be a valuable source of information for all those studying ship engineering and seeking to upgrade their engine room ratings.

— *Devang Saini*

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