

## **Fire**

Fire in the engine room is the cause of most fire incidents on board ships. Fire main sources of ignition are hot exhaust pipes, engine surfaces, rotating machinery heating up, faulty electric equipment, leakage and inadequate cleanliness. The following notes are few recommendations for Ship owners, Masters and Officers for prevention of fire.

- Crew should ensure that insulation of exhaust pipes is sound and well maintained near diesel engines during and after maintenance.
- Crew should ensure that drain pipes, collecting tanks, engine floor are kept clean. Oily deposits in bilges should be removed and kept clean.
- Crew should ensure that lubricating and hydraulic oil is safely stored as they may heat and will release gazes and nourish the fire once ignited in the engine room.
- Crew should ensure that lower valves of level of glasses on oil tanks are automatically closed.
- Crew should ensure that entrance door of the engine room is properly closed.
- Crew should ensure that all closing devices in the engine room are operational.
- Crew should ensure that all combustible materials are stored away from fire exposed areas and that cleanliness is well maintained.