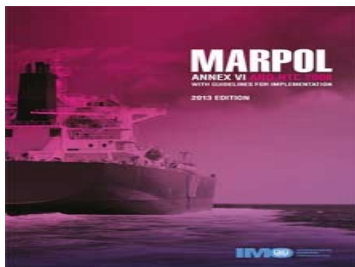




Environmental Bulletin



As environmental regulations are becoming more stringent in shipping industry, Grindrod Ship Management is continuing to pursue a proactive approach to enhance implementation of all international and local environmental regulations.

Company has considered that a senior person onboard having enough knowledge and experience is made responsible for implementing company's environmental policy and for taking all necessary measures to prevent pollution of any kind

Each crew onboard shall assist the environmental compliance officer and play their role in implementing company's policies.

Chief engineer is the designated environmental compliance officer onboard.

Following are some guidelines by which ship staff can assist environmental compliance officer and the company to achieve environmental excellence:

- Familiarizing with company's SMS manual and complying with all procedures, forms, checklists, posters etc.
- Reporting any machinery/ equipment problem to environmental compliance officer
- Keeping up to date inventory and spares of MARPOL equipment
- Ensuring entries in oil record book, Garbage record book etc. are completed in time and accurate.
- Posting anti-pollution warning notices near overboard valves
- Regularly attending environmental training/ drills
- Familiarizing in use of equipment as per maker manual
- Supervision of work by senior officers on board
- Testing / calibrating / maintaining environmental equipment as per company requirements
- Posting operating instructions near equipment
- Familiarizing with SOPEP manual / NTVRP as applicable



- Ensuring SOPEP equipment are not used other than for emergency.
- Checking ballast tanks prior de-ballasting to ensure there is no oil sheen
- Pressure testing bunker lines as per company requirements
- Consulting bridge prior discharging any waste.
- Taking all measures to conserve energy and to reduce waste.
- Ensuring proper use and record keeping of environmental tags
- Monitoring smoke emissions and reporting any abnormalities
- Ensuring compliance with local requirements like Ballast water exchange /VGP / ECA requirements etc.
- Sharing experience and good practices
- Reporting any noncompliance to senior officer
- Suggesting feedback for improvement

Please remember that any breach of international or local environmental regulations can lead to fines, detention or imprisonment.

Always clarify your doubts and queries in order to become more compliant with regulations and to reduce deficiencies pointed out by external authorities during vessel inspections.

We expect that compliance with above points in true spirit will enable company to achieve higher degree of compliance with local and international requirement.