

IAMSA BUREAU OF SHIPPING LLC



TECHNICAL DEPARTMENT

TO: All IAMSABureau Technical Personnel, and representatives.

SUBJECT: **Safety Inspection on all type of vessels**

PURPOSE: To identify Major, Minor and non conformities during inspections conducted by our surveyors

APPLICATION: Immediate

SUPERSEDES: MC 002

INTRODUCTION:

The surveyor will pay attention to the following deficiencies detected during an inspection. In case any of the following deficiencies exist on the vessel being surveyed, will notify immediately to Head Office.

Major Deficiencies

- 1) Failure of proper operation of propulsion and other essential machinery, as well as electrical installations.
- 2) Excess amount of oily-water mixture in bilge's, installations of piping, including exhaust pipes in engine room contaminated by oil, and improper operation of bilge pumping arrangement.
- 3) Failure of proper operation of emergency generator, lighting, batteries, and switches.
- 4) Failure of proper operation of the main and auxiliary steering gear.
- 5) Absence, insufficient capacity of serious deterioration of personal life savings appliances, survival craft and launching arrangements.
- 6) Absence, non-compliance, or substantial deterioration to the extent that it cannot comply with its intended use of fire detection systems, fire alarms, fire-fighting equipment, fire-extinguishing installations, ventilation valves, fire dampers, and quick closing devices.

- 7) Absence, substantial deterioration or failure of proper operation of the cargo deck area fire protection on tankers.
- 8) Absence, non compliance or serious deterioration of lights, shapes, or sound signals.
- 9) Absence of failure of the proper cooperation of the radio equipment for distress and safety communication.
- 10) Absence or failure of the proper operation of navigation equipment, taking the relevant provisions in Regulation V/12 (o) of SOLAS 1974, as amendment, into accounts.
- 11) Absence of corrected navigational charts, and/or all other relevant nautical publications necessary for the intended voyages, taking into account that electronic chart may be used as substitute for the charts.
- 12) Absence of noon-sparking exhaust ventilation for cargo pumps rooms.
- 13) Failure of the proper operation of inert gas systems.

Chemical Codes

- 1) Missing or damaged high-pressure safety devices.
- 2) Electrical installations not intrinsically safe or not corresponding to the code requirements.
- 3) Sources of ignition in hazardous location.
- 4) Insufficient heat protection for sensitive products.

Gas Code

- 1) Missing closing devices for accommodations or service spaces.
- 2) Bulkheads not gas tight.
- 3) Defective airlocks
- 4) Missing or defective quick closing valves.
- 5) Missing or defective safety valves
- 6) Electrical installations not intrinsically safe or not corresponding to the code requirements.
- 7) Ventilators in cargo are not operable.
- 8) Pressure alarms for cargo tanks nor operable.
- 9) Gas detection plant and/or toxic gas detection plant defectives.

Load Line Convention

- 1) Significant areas of damage or corrosion, or pitting of plating and associated stiffening in decks and hull affecting fitness to proceed or strength to take local loads, unless properly authorized temporary repairs for voyages to port for permanent repairs have been carried out.
- 2) A recognized case of insufficient stability.
- 3) The absence of sufficient and reliable stability information, in an approved form.

- 4) Absence, substantial deterioration, or defective closing device hatches closing arrangements and watertight/weathertight doors.

MARPOL 73/78, ANNEX I

- 1) Absence, serious deterioration, or failure of proper operation of the oily-water filtering equipment, the oil discharge monitoring and control systems, or the 15 ppm alarms/auto stop arrangements.
- 2) Remaining capacity of slop and/or sludge tank insufficient for the intended voyage.
- 3) Oil record book not available.
- 4) Unauthorized discharge bypass fitted.

MARPOL 73/78, ANNEX II

- 1) Absence of approved P8A Manual
- 2) No cargo record book available.
- 3) Unauthorized discharge bypass fitted

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