

- (i) first aid related to injuries which might be expected in machinery spaces and use of first aid equipment;
- (j) functions and use of life-saving appliances;
- (k) methods of damage control with specific reference to action to be taken in the event of flooding of sea water into the engine room;
- (l) safe working practices.

5. Every candidate shall possess a knowledge of international maritime law as embodied in international agreements and conventions as they affect the specific obligations and responsibilities of the engine department, particularly those concerning safety and the protection of the marine environment. The extent of knowledge of national maritime legislation is left to the discretion of the Administration but shall include national arrangements for implementing international agreements and conventions.

6. Every candidate shall possess a knowledge of personnel management, organization and training aboard ships.

#### **Regulation III/4**

*Mandatory Minimum Requirements for Certification of  
Engineer Officers in Charge of a Watch in a  
Traditionally Manned Engine Room or  
Designated Duty Engineer Officers in a  
Periodically Unmanned Engine Room*

1. Every engineer officer in charge of a watch in a traditionally manned engine room or the designated duty engineer officer in a periodically unmanned engine room on a sea-going ship powered by main propulsion machinery of 750 kW propulsion power or more shall hold an appropriate certificate.

2. Every candidate for certification shall:

- (a) be not less than 18 years of age;
- (b) satisfy the Administration as to medical fitness, including eyesight and hearing;
- (c) have not less than a total of three years approved education or training, relevant to the duties of a marine engineer;
- (d) have completed an adequate period of sea-going service which may have been included within the period of three years stated in subparagraph (c);
- (e) satisfy the Administration that he has the theoretical and practical knowledge of the operation and maintenance of marine machinery appropriate to the duties of an engineer officer;
- (f) have attended an approved practical fire-fighting course;
- (g) have knowledge of safe working practices.