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CHAPTER 44 - ENGINE-ROOM RATING

PART I - GENERAL REQUIREMENTS OF APPLICANTS

- 44.1 (1) Every applicant for a certificate as Engine-Room Rating shall:
- (a) obtain a medical certificate prescribed by the Crewing Regulations;
 - (b) obtain a certificate of completion for each of the following Marine Emergency Duties Courses, set out in TP 4957, from a school listed in TP 10655:
 - (i) Basic Safety (A1);
 - (ii) Survival Craft (B1); and
 - (iii) Marine Fire Fighting (B2);
 - (c) obtain a First Aid Basic (Emergency) Certificate, set out in TP 13008; and
 - (d) pass an oral examination.
- (2) The service required by an applicant for an Engine-Room Rating Certificate is six months as follows:
- (a) (i) not less than three months service as an engine-room rating or engine-room assistant in the engine room of a steamship or motor ship, or in the boiler room of a steamship; and
 - (ii) the remaining time composed of any combination of service, subject to time limitations, if any, set out in Chapter 33, section 33.1(2)(c); or
 - (b) (i) a certificate of successful completion of a course in Engine-Room Rating duties at a school listed in TP 10655; and
 - (ii) not less than three months service as an engine-room rating or engine-room assistant.
- (3) Not in use.

PART II - EXAMINATION

- 44.2 (1) For an Engine-Room Rating Certificate, there shall be an oral examination to determine that the applicant possesses sufficient knowledge and skill to perform, with safety, the duties of an engine-room rating.
- (2) The examination referred to in Section 44.1(1)(d) shall consist of 10 questions on any of the subjects referred to under the "Column" heading in section 44.4.

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PART III - VALIDITY OF CERTIFICATE

- 44.3 The certificate as an Engine-Room Rating is valid as a rating forming part of an engine room watch, as required by the Crewing Regulations.

PART IV - SYLLABUS OF EXAMINATION

44.4 Oral Examination

ITEM	COLUMN
1.	<p>General</p> <p>The particular needs of the engine room in which the applicant intends to serve.</p>
2.	<p>Knowledge and Skills</p> <p>Including:</p> <ul style="list-style-type: none"> - fire-fighting, basic first aid, personal survival techniques, health hazards and personal safety; - the ability to understand orders and be understood in matters relevant to the applicant's duties; - engine-room watchkeeping procedures, methods of recording events and ability to carry out a watch routine appropriate to his/her duties; - safe working practices, as related to engine-room operations; - the terms used in machinery spaces and the names of machinery and equipment relative to his/her duties; - basic environmental protection procedures; - the use of appropriate internal communication systems; - typical escape routes from machinery spaces; - engine-room alarm systems and the ability to distinguish between various alarms, with special reference to fire extinguishing gas alarms; and - typical location and use of firefighting equipment in machinery spaces, and typical location and operation of external emergency machinery stops and fuel valve extensions.
3.	<p>Boilers</p> <p>Safe operation and emergency stopping of boilers, and maintaining the correct water levels and steam pressures.</p>