



# **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

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# **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

## **Table of Contents**

Short title and Commencement .....	4
Purpose of the Regulation .....	4
Amendment of the Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watch keeping Rules 2011 .....	4
Citation.....	4
Enforcement of International Convention.....	4
Application.....	4
Interpretation.....	4
Issuance of Certificate.....	9
Classification of Certificate of competency .....	9
Certificate of Proficiency .....	11
Near Coastal Voyage .....	11
Onboard functions and levels of responsibility.....	12
Eligibility Requirements – Officers and Ratings .....	12
Mandatory Minimum Requirements for Training and Qualifications of Masters, Officers and Ratings in the Deck Department .....	13
Radio Communication and Radio Operators .....	17
Mandatory Minimum Requirements for Training and Qualification of Marine Engineer Officers and Ratings in the Engine Department .....	18
Mandatory Minimum Requirements for the Training and Qualifications on Oil and Chemical tankers .....	24
Mandatory minimum requirements for the training and qualifications on gas tankers .....	25
Mandatory minimum requirements for the training and qualifications on passenger ships .....	26
Requirements for the training and qualifications of personnel on ships subjected to IGF code, polar code, HSC code, dynamically supported craft and other ships.....	27
Alternative Certification .....	30
Examinations for certification.....	34
Exemption .....	35
Dispensation.....	36
Refresher Training .....	36
Revalidation .....	37
Simulator training .....	38
Mandatory minimum requirements for safety familiarisation, basic training and instruction for all seafarers .....	38
Recognition of certificates issued by other countries .....	42
Approved training programme.....	43
Monitoring supervision etc. ....	44

**Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

Company responsibility .....	45
Hours of work .....	46
Investigation.....	47
Port state control .....	49
Quality standard, record keeping, evaluation etc. ....	50
Medical fitness .....	51
Watchkeeping .....	52
Implementation audit .....	53
Qualifications and Experiences of Chief Examiners, Examiners and Instructors.....	53
Review .....	54

# **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

The Director General of Shipping, in exercise of the powers conferred by section---of the Merchant Shipping Act 2020, makes the following regulations:

## **Short title and Commencement**

- 1.—(1) These Regulations may be cited as the Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watch keeping (AMENDMENT) Regulations 2020.
- (2) These Regulations shall come into force on the day after notice of their making is given in the Official Gazette.

## **Purpose of the Regulation**

- 2.—The purpose of these Regulations, among others, is to implement the amendments of the STCW Convention and the IMO Instruments Implementation Code.

## **Amendment of the Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watch keeping Rules 2011**

- 3.—(1) The Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watch keeping Rules 2011 are amended as follows:
- (2) Regulation number 1 to 38 to be replace by following 1 to 37 regulations.

## **Citation**

- 1.—These Regulations may be cited as the Merchant Shipping (Standards of Training, Certification and Watch Keeping for Seafarers) Regulations 2020;

## **Enforcement of International Convention**

- 2.—These regulations shall give effect to the enforcement of International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978 as amended.

## **Application**

- 3.—(1) These regulations shall apply to—
  - (a) all seagoing ships other than fishing vessels and pleasure craft not engaged in trade, registered under the Bangladesh flag;
  - (b) all seafarers in possession of Continuous Discharge Certificate or Certificate of Competency or Endorsement or any other certificate or document issued by the Director General;
  - (c) ships of other flags and seafarers in possession of Certificates of Competency, Endorsements or any other certificates or documents under these regulations.

## **Interpretation**

- 4.—In these regulations, unless the context otherwise requires —

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

“able seafarer deck” means a rating qualified in accordance with the provisions of regulation II/5 of the Convention;

“able seafarer engine” means a rating qualified in accordance with the provisions of regulation III/5 of the Convention;

“Act” means the Merchant Shipping Act, 2020;

“administration” means the Director General the Department of Shipping who is responsible for the implementation of these Regulations;

“approved” means approved by the Director General or by a Chief Examiner;

“approved education, training, examination and assessment” means a programme of training and education of seafarers as approved by the Director General prescribing the total requirement of training and standards including examination and assessments for the purpose of issuance of certificates and/or endorsements under the Convention;

“approved medical practitioner” means a medical practitioner approved by the Director General to conduct medical examination of seafarers;

“audit” means a systematic, independent and documented process for obtaining audit evidence evaluating it objectively to determine the extent to which audit criteria are fulfilled;

“Audit Scheme” means the IMO Member State Audit Scheme established by the Organization and taking into account the guide lines developed by the Organization;

“Audit Standard” means the Code for Implementation;

“certificate of competency” means a certificate issued and endorsed for masters, officers and GMDSS radio operators in accordance with the provisions of chapters II, III, IV or VII of the Convention and entitling the lawful holder thereof to serve in the capacity and perform the functions involved at the level of responsibility specified therein;

“certificate of proficiency” means a certificate, other than a certificate of competency issued to a seafarer, stating that the relevant requirements of training, competencies or seagoing service in the Convention have been met;

“chemical tanker” means a ship constructed or adapted and used for the carriage in bulk of any liquid product listed in chapter 17 of the International Bulk Chemical Code;

“Chief Engineer Officer” means the senior engineer officer responsible for the mechanical propulsion and the operation and maintenance of the mechanical and electrical installations of the ship;

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

“Chief Examiner” means the Chief Examiner of Deck Department personnel or the Chief Examiner of Engine Department, appointed by the Director General;

“Chief Mate” means the deck officer next in rank to the Master and upon whom the command, control or charge of the ship shall fall in the event of the incapacity of the Master;

“Code for Implementation” means the IMO Instruments Implementation Code (III Code) adopted by the Organization.

“Company” means the owner of the ship or any other organisation or person such as the manager or the bareboat charterer, who has assumed the responsibility for the operation of the ship from the ship owner and who, on assuming such responsibility, has agreed to take over all the duties and responsibilities imposed on the Company by these regulations;

“Convention” means the International Convention on Standards of Training, Certification and Watch Keeping for Seafarers (STCW) 1978, as adopted by the International Conference on Training and Certification of Seafarers on 7th July 1978, which entered into force on 28th April 1984, and includes all subsequent amendments;

“dangerous cargo” includes a cargo of —

- (a) crude petroleum or any of its by-products in bulk;
- (b) any liquefied gas or other product listed in Chapter 19 of the International Gas Carrier Code;
- (c) any liquid product listed in Chapter 17 of the International Bulk Chemical Code;

“deck officer” means a navigating officer qualified in accordance with the provisions of Chapter II of the Convention as amended in 2010;

“Director General” means the Director General of the Department of Shipping;

“documentary evidence” means documentation, other than a certificate of competency or certificate of proficiency, used to establish that the relevant requirements of the Convention have been met;

“electro-technical officer” means an officer qualified in accordance with the provisions of Regulation III/6 of the Convention;

“electro-technical rating” means a rating qualified in accordance with the provisions of Regulation III/7 of the Convention;

“endorsement” means attesting the issue of a certificate or the recognition of a certificate, granting authority to the holder to carry out the duties of master or an officer as the case may be, subject to the limitations specified in these Regulations;

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

“engineer officer” means an officer qualified in accordance with the provisions of regulation III/1, III/2 or III/3 of the Convention;

“fishing vessel” means a ship used for catching fish or other living resources of the sea;

“function” means a group of tasks, duties and responsibilities, specified in the STCW Code, necessary for ship operation, safety of life at sea, and protection of the marine environment;

“GMDSS” means Global Maritime Distress and Safety System;

“GMDSS radio operator” means a person who is qualified in accordance with the provisions of chapter IV of the Convention;

“GT” means gross tonnage;

“ISPS Code” means the International Ship and Port Facility Security (ISPS) Code adopted on 12 December 2002 by resolution 2 of the Conference of Contracting Governments to the International Convention for the Safety of Life at Sea, 1974 (SOLAS), as may be amended by the International Maritime Organization;

“liquefied gas tanker” means a ship constructed or adapted and used for the carriage in bulk of any liquefied gas or other product listed in chapter 19 of the International Gas Carrier Code;

“Master” means the person in command of a ship;

“month” means a calendar month or 30 days made up of periods of less than one month;

“near coastal voyages” (NCV) means voyages of ships engaged in the coastal trade from any port or place in Bangladesh, Indian east coast, Myanmar and Thailand west coast to any other port or place within the said region subject to specific reference with regards to proximity of safe havens during such voyages as determined by the Administration;

“officer” means a member of the crew, other than the Master designated as deck officer or engineer officer or electro technical officer;

“oil tanker” means a ship constructed and used for the carriage of petroleum and petroleum products in bulk;

“Organization” means the International Maritime Organization;

“passenger ship” means a passenger ship as defined in the International Convention for the Safety of Life at Sea, 1974 (SOLAS), as amended;

“propulsion power” means the total maximum continuous rated output power in kilowatts of all the ship’s main propulsion machinery which appears on the ship’s certificate of registry or other official document;

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

“radio duties” include, as appropriate, watch keeping and technical maintenance and repairs conducted in accordance with the Radio Regulations, the International Convention for the Safety of Life at Sea, 1974 (SOLAS), as amended, and, at the discretion of the Director General, the relevant recommendations of the International Maritime Organisation;

“radio operator” means a person holding an appropriate certificate issued or recognised by the Director General under the provisions of the Radio Regulations;

“Radio Regulations” means the radio regulations annexed to the International Telecommunications Convention;

“rating” means a member of the crew of a ship other than the Master or an officer;

“Regulations” means the Merchant Shipping Standards of Training, Certification and Watch Keeping for Seafarers Regulations, 2020;

“restricted GMDSS Radio Operator” means a person qualified to operate exclusively within the coastal waters of Bangladesh;

“ro-ro passenger ship” means a passenger ship with ro-ro cargo spaces or special category spaces as defined in the International Convention for the Safety of Life at Sea, 1974 (SOLAS), as amended;

“seafarers” includes every person employed or engaged in any capacity on board any vessel and entered on the ship’s articles;

“seagoing service” means service on board a seagoing ship relevant to the issue or revalidation of a certificate or other qualification;

“seagoing ship” means a trading ship other than those which navigate exclusively in inland waters or in waters within, or closely adjacent to, sheltered waters or areas where port regulations apply;

“Second Engineer Officer” means the engineer officer next in rank to the Chief Engineer Officer, upon whom the responsibility for the mechanical propulsion and the operation and maintenance of the mechanical and electrical installations of the ship will fall in the event of the incapacity of the Chief Engineer Officer;

“security duties” include all security tasks and duties on board ships as defined by chapter XI-2 of the International Convention for the Safety of Life at Sea, 1974 (SOLAS), as amended, and the International Ship and Port Facility Security (ISPS) Code;

“ship security officer” means the person on board the ship, accountable to the Master, designated by the Company as responsible for the security of the ship including implementation and maintenance of the ship security plan and liaison with the Company security officer and port facility security officers;



## Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020

“STCW Code” means the Seafarer’s Training, Certification and Watchkeeping (STCW) Code as adopted by the 1995 Conference resolution 2, as it may be amended by the Organisation;

“trading ship” means a seagoing ship used for transporting cargo, passengers, or livestock;

### Issuance of Certificate

5.—(1) The Director General shall under these regulations issue the Certificates of Competency and Endorsements in accordance with the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978 as amended.

(2) Such certificates shall be issued only after fulfilling the applicable requirements and achieving the standards of competence as specified in the Convention.

(3) The Director General may issue a duplicate certificate to replace a lost or damaged or deformed or otherwise unusable certificate issued under these regulations on fulfilling such conditions as may be specified by the Director General.

### Classification of Certificate of competency

6.—(1) The Director General may, subject to the conditions hereinafter provided, issue the following classes of certificates and endorsements in the deck department:-

Name of the Certificate	STCW Ref	Capacity
Certificate of Competency – Master; Class 1 (deck)	Reg. II/2	Master Unlimited
Certificate of Competency – Chief Mate; Class 2 (deck)	Reg. II/2	Chief Mate Unlimited
Certificate of Competency – Second Mate Navigation Watchkeeping Officer (NWKO); Class 3 (deck)	Reg. II/1	NWKO Unlimited
Certificate of Competency – Master on ships between 500 GT and 3000 GT engaged on coastal and near coastal voyages (NCV) Class 3M (deck)	Reg. II/2 Sec A- II/2.5.8	Master NCV ships between 500 GT and 3000 GT
Certificate of Competency – Chief mate on ships between 500 GT and 3000 GT engaged on coastal and near coastal voyages (NCV) Class 3C (deck)	Reg. II/2 Sec A- II/2.5.8	Chief Mate NCV ships between 500 GT and 3000 GT
Certificate of Competency – Master on ships of less than 500 GT engaged in coastal and near	Reg. II/3.6	Master NCV less than 500

**Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

Name of the Certificate	STCW Ref	Capacity
coastal voyages (NCV); Class 4 (deck)		GT
Certificate of Competency – Officer in charge of navigational watch on ships less than 500 GT engaged in coastal and near coastal voyages (NCV); Class 5 (deck)	Reg. II/3.4	NWKO NCV less than 500 GT
Certificate of Proficiency – Rating forming part of a navigational watch on a seagoing ship of 500 GT or more;	Reg. II/4	Navigation watch rating
Certificate of Proficiency – Able Seafarer Deck ship of 500 GT or more;	Reg. II/5	Able seafarer Deck

(2) The Director General may, subject to the conditions hereinafter provided, issue the following classes of certificates for the radio operators-

(a) Certificate of competency – GMDSS Radio Operator:

(b) Certificate of competency – Restricted GMDSS Radio Operator.

(3) The Director General shall, subject to the conditions hereinafter provided, issue the following classes of certificates and endorsements in the engineering department:-

Name of the certificate	STCW Ref	Capacity
Certificate of Competency – Chief Engineer Officer; Class 1	Reg. III/2	Chief Engineer Unlimited
Certificate of Competency – Second Engineer Officer; Class 2	Reg. III/2 Reg. III/3(3)	Second Engineer Unlimited Chief Engineer Less than 3000 kW
Certificate of Competency – Engineering Watchkeeping Officer EWKO; Class 3	Reg. III/1	Engineering watchkeeping Officer Unlimited
Certificate of Competency – Chief Engineer Officer limited to ships of propulsion power of less than 3000 kW engaged on coastal or near coastal voyages (NCV); Class 4	Reg. III/3	Chief Engineer NCV 750 kW to 3000 kW
Certificate of Competency – Engineer Watchkeeping Officer limited to ships of less than 3000 kW engaged on coastal or near coastal voyages (NCV); Class 5	Reg. III/1 Section A-III/1 para 10	Engineer Watchkeeping Officer NCV Less than 3000 kW

## Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020

Name of the certificate	STCW Ref	Capacity
Certificate of Proficiency – Rating forming part of an engine room watch;	Reg. III/4	Engineering watch rating
Certificate of Proficiency- Able Seafarer Engine serving on a seagoing ship powered by main propulsion machinery of 750 kW propulsion power or more;	Reg. III/5	Able seafarer engine
Certificate of Competency- Electro Technical Officer serving on a seagoing ship powered by main propulsion machinery of 750 kW propulsion power or more;	Reg. III/6	Electro technical officer
Certificate of Proficiency- Electro-technical rating serving on a seagoing ship powered by main propulsion machinery of 750 kW propulsion power or more; and	Reg. III/7	Electro technical rating

(4) Every engineer officer who is qualified to serve as second engineer officer on ships powered by main propulsion machinery of 3,000 kW propulsion power or more, may serve as chief engineer officer on ships powered by main propulsion machinery of less than 3,000 kW propulsion power, provided the certificate is so endorsed by the Director General.

### Certificate of Proficiency

7.—The Director General shall issue Certificates of proficiencies in accordance with the provisions of chapters II, III, V and VI of the Convention, as required.

### Near Coastal Voyage

8.—(1) The Director General shall, for the near-coastal voyage provisions of the Convention, which include voyages off the coast of other Parties within the limits of their near-coastal definition, enter into an agreement with the Parties concerned specifying the details of both involved trading areas and other relevant conditions.

(2) The certificates of seafarers issued by the Director General for its defined near-coastal voyages limits may be accepted by other Parties for service in their defined near-coastal voyages limits or vice-versa, provided, that the other Parties concerned enter into an agreement specifying the details of involved trading areas and other relevant conditions thereof.

(3) The Director General defining near-coastal voyages, in accordance with the requirements of this regulation, shall:

- (a) ensure the principles governing near-coastal voyages specified in section A-I/3 of the STCW Code;

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

- (b) communicate to the Secretary-General, in conformity with the requirements of regulation I/7 of the STCW Convention, the details of the provisions adopted; and
- (c) incorporate the near-coastal voyages limits in the endorsements issued pursuant to regulation I/2, paragraphs 5, 6 or 7 of the STCW Convention.

### **Onboard functions and levels of responsibility**

9.—There shall be standards of competency based on the onboard functions and at the levels of responsibility as set out below:

#### **(1) Functions**

- (a) Navigation;
- (b) Cargo handling and stowage
- (c) Controlling the operation of the ship and care for persons on board
- (d) Marine engineering
- (e) Electrical, electronic and control engineering
- (f) Maintenance and repair
- (g) Radio communications

#### **(2) Levels Responsibility**

- (a) Management Level (Master, Chief Mate, Chief Engineer Officer & Second Engineer Officer).
- (b) Operational Level (Navigational Watch keeping Officer, Engineer Watch Keeping Officer, Electro-technical Officer & Radio Operator)
- (c) Support Level (Able Seafarer Deck, Able Seafarer Engine, Electro-technical Rating & Watch Keeping Rating).

### **Eligibility Requirements – Officers and Ratings**

10.—(1) Every candidate for a Certificate of Competency or an Endorsement shall produce:—

- (a) proof of age, such as the birth certificate or the Secondary School Certificate or the national ID;
- (b) a valid eye test certificate, which test has been carried out by an examiner of the Department of Shipping. The test shall be conducted in accordance with the relevant standards specified in the Convention;
- (c) a medical fitness test certificate issued by a medical practitioner approved by the Director General for conducting such a test. The test shall be conducted in accordance with the standards specified in the Convention; and
- (d) in the case of officers, testimonials relating to character, good conduct, sobriety, experience and ability on board ship obtained prior to the date of application. Such testimonials shall, except where the Chief Examiner permits

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

otherwise, be under the signature of the Master or the Chief Engineer or authorised Company representative of the ship on which service has been performed.

- (e) In the case of first certificate of competency, Higher Secondary Certificate or equivalent with Physics and Mathematics obtaining minimum GPA 3.00 (50% marks) from any recognized education Board;
- (f) in the case of ratings, Secondary School Certificate or equivalent from any recognized education Board;

### **Mandatory Minimum Requirements for Training and Qualifications of Masters, Officers and Ratings in the Deck Department**

**11.—(1) Every officer in charge of a navigational watch** serving on a seagoing ship of 500 gross tonnage or more shall hold a valid Certificate of Competency and every candidate for certification shall-

- (a) not be less than eighteen years of age on the date of commencement of the examination for the issue of the Certificate of Competency;
- (b) (i) have approved seagoing service in the deck department on ships of 500 GT or more for a period of not less than 12 months as part of an approved training program which meets the requirements of Section A-II/1 of the STCW Code and in which on-board training is documented in an approved training record book; or otherwise have approved seagoing service of not less than 36 months; or
  - (ii) 42 months approved sea-service on board foreign going ship of 500 GT or more as Deck Rating; or
  - (iii) approved sea-service on board foreign going ship of 500 GT or above as assistant navigation watchkeeping officer and in which on-board training is documented in an approved training record book as following:
    - (aa) 24 months by retired commissioned officer of the executive branch of Bangladesh Navy completing minimum 48 months sea-service after commissioning on board Bangladesh Navy or Bangladesh Coast Guard ships of 24 meter or more in length; or
    - (bb) 27 months by candidate holding Fishing Vessel Skipper Certificate of competency completing minimum 24 months approved sea service as Skipper on board fishing vessel of 24 meter or more in length after obtaining Fishing Vessel skipper certificate of competency; or
    - (cc) 30 months by candidates holding Deck Officer Class-4 Certificate of competency after completing minimum 36 months sea-service on board coastal or near coastal ships of 24 meter or more in length; or
    - (dd) 36 months by retired rating candidate of seaman branch of Bangladesh Navy or Bangladesh Coast Guard with minimum 84 months sea-service on board Bangladesh Navy or Coast Guard ship of 24 meter or more in length.

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

- (c) have performed, during the required seagoing service, bridge watch keeping duties under the supervision of the Master or a qualified officer for a period of not less than 06 months;
  - (d) produce documentary evidence of having successfully completed the approved training in Basic Training as per STCW Code, Sec. A-VI/1 Paragraph 2, Proficiency in Survival Craft and Rescue Boats other than fast rescue boats (Table A-VI/2-1 in STCW Code), Advanced Fire Fighting (Table A-VI/3 in STCW Code), Medical First Aid (Table A-VI/4-1 in STCW Code) and Certificate of Competency as GMDSS Radio Operator and Ship Security Officer (Table A-VI/5 in STCW Code), for issue of a Certificate of Competency; and
  - (e) have completed approved education, training, examination including relevant Simulator Training and assessment meeting the standard of competence specified in Section A-II/1 in STCW Code.
- (2) **Every Chief Mate** on a seagoing ship of 500 gross tonnage or more shall hold a valid Certificate of Competency and every candidate for certification shall-
- (a) hold a Certificate of Competency as an Officer in charge of a navigational watch on ships of 500 GT or more;
  - (b) have approved seagoing services as an officer in charge of navigational watch on ships of 500 GT or more for a period of not less than 12 months of which not less than 06 months consist of approved sea going service on ships of 3000 GT or more as officer in charge of a navigational watch;
  - (c) produce documentary evidence of having successfully completed approved training for Proficiency in Medical Care as specified in Table A-VI/4-2 in STCW Code; and
  - (d) have completed approved education, training, examination including relevant Simulator Training and assessment meeting the standard of competence set out in Section A-II/2 of the STCW Code for Chief Mates on ships of 3000 GT or more.
- (3) **Every Master** on a seagoing ship of 500 gross tonnage or more shall hold a valid Certificate of Competency and every candidate for certification shall-
- (a) hold an appropriate Certificate of Competency as Chief Mate;
  - (b) have approved seagoing service of not less than 24 months as an officer in charge of a navigational watch, while holding the Certificate of Competency as Chief Mate. However, this period may be reduced to not less than 12 months, or pro-rata, if such seagoing service has been performed as a Chief Mate on ships of 500 GT or more of which not less than 6 months consist of approved seagoing service on ships of 3000 GT or more;
  - (c) have completed approved education, training, examination and assessment including relevant Simulator Training and assessment meeting the standard of competence set out in Section A-II/2 of the STCW Code for Master on ships of 3000 GT or more as appropriate.



**Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(4) **Every Master** on a seagoing ship of between 500 and 3,000 gross tonnage, engaged on coastal or near coastal voyages shall hold a valid Certificate of Competency and every candidate for certification shall-

- (a) hold a certificate of competency as Chief Mate on ships between 500 GT and 3000 GT engaged on coastal and near coastal voyages;
- (b) have approved seagoing service of not less than 24 months as an officer in charge of a navigational watch, on ships of 500 GT or more. However, this period may be reduced to not less than 18 months, or pro-rata, if not less than 12 months of such seagoing service has been served as chief mate on ships of 500 GT or more ;
- (c) have completed approved education, training, examination including relevant Simulator Training and assessment meeting the standards of competence specified in Section A-II/2 in STCW Code for Masters on ships of between 500 GT and 3000 GT engaged on coastal or near coastal voyages.

(5) **Every Chief Mate** on a seagoing ship of between 500 and 3,000 gross tonnage, engaged on coastal or near coastal voyages shall hold a valid Certificate of Competency and every candidate for a certification shall:

- (a) Hold a certificate of Competency as officer in charge of a navigational watch on ships of 500 gross tonnage or more;
- (b) have an approved seagoing service of not less than 12 months as an officer in charge of navigational watch on ships of more than 500 gross tonnage engaged on coastal or near coastal voyages;
- (c) have completed approved training and meet the standard of competence specified in section A-II/2 of the STCW Code for chief mates on ships of between 500 and 3,000 gross tonnage.

(6) **Every officer in charge of a navigational watch** serving on a seagoing ship of less than 500 gross tonnage, engaged on coastal or near coastal voyages shall hold a valid Certificate of Competency and every candidate for certification shall-

- (a) not be less than eighteen (18) years of age on the date of commencement of the examination for the issue of the certificate of competency;
- (b) have completed —
  - (i) an approved training of not less than 24 months duration, either pre-sea or on board ship, which includes a period of seagoing service of not less than 12 months duration with at least 6 months out of the 12 months seagoing period performing duties associated with bridge watch keeping on ships of 100 GT or more; or
  - (ii) approved seagoing service in the deck department of not less than 36 months duration, on ships of 100 GT or more;
- (c) provide documentary evidence of having successfully completed the approved training in Basic Training as per STCW Code, Sec. A-VI/1 Paragraph 2,

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

Proficiency in Survival Craft and rescue boats other than fast rescue boats (STCW Code, Table A-VI/2-1), Advanced fire fighting (Table A-VI/3 in STCW Code), Medical First Aid (Table A-VI/4-1 in STCW Code), Certificate of Competency as GMDSS Radio Operator and Ship Security Officer (Table A-VI/5 in STCW Code); and

- (d) have completed approved education, training, examination including relevant Simulator Training and assessment meeting the standard of competence specified in section A-II/3 of the STCW Code for officers in charge of navigational watch on ships of less than 500 GT engaged on coastal or near coastal voyages.
- (7) **Every Master** on a seagoing ship of less than 500 gross tonnages, engaged on coastal or near coastal voyages shall hold a valid Certificate of Competency and every candidate for certification shall-
  - (a) hold a certificate as officer in charge of a navigational watch for ships of less than 500 gross tonnage
  - (b) have an approved seagoing service of not less than 12 months as an officer in charge of navigational watch on ships of more than 100 GT engaged on coastal or near coastal voyages;
  - (c) produce documentary evidence of having successfully completed the approved training of Proficiency in Medical Care (Table A-VI/4-2 in STCW Code); and
  - (d) have completed an approved education, training, examination, including relevant Simulator Training and assessment meeting the standard of competence specified in Section A-II/3 of the STCW Code for Masters on ships of less than 500 GT engaged on coastal or near coastal voyages.
- (8) **Every rating** forming part of a navigational watch on seagoing ships of 500 GT or more shall be duly certificated and every candidate for the issue of a Certificate as Rating forming part of a navigational watch on ships of 500 GT or more shall —
  - (a) not be less than 18 years of age on the date of commencement of the examination for the issue of the certificate;
  - (b) have completed —
    - (i) at least 9 months training and experience relevant to bridge watch keeping on ships of 500 GT or more; or
    - (ii) an approved training of not less than 3 months and a period of approved sea going service of not less than 6 months in the deck department on ships of 500 GT or more; or
    - (iii) not less than 12 months approved seagoing service in a relevant capacity in the deck department on ships of 500 GT or more:



## Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020

- (c) produce documentary evidence of having successfully completed the approved training in Personal Survival Techniques (Table A-VI/1-1 in STCW Code), Fire Prevention and Fire Fighting (Table A-VI/1-2 in STCW Code), Elementary First Aid (Table A-VI/1-3 in STCW Code), Personal Safety and Social Responsibilities (Table A-VI/1-4 in STCW Code) and Security Awareness (Table A-VI/6-1 in STCW Code); and
  - (d) meet the standards of competence specified in section A-II/4 of the STCW Code.
- (9) **Every able seafarer** deck serving on a seagoing ship of 500 GT or more shall be duly certificated and every candidate for the issue of a Certificate of Proficiency as Able Seafarer Deck on ships of 500 GT or more shall —
- (a) meet the requirements for certification as a rating forming part of a navigational watch;
  - (b) while qualified to serve as a rating forming part of a navigational watch, have completed approved seagoing service in the deck department of—
    - (i) not less than 18 months, or
    - (ii) not less than 12 months and have completed approved training;
  - (c) produce documentary evidence of having successfully completed the approved training in Proficiency in Survival Craft and Rescue Boats other than fast Rescue Boats (Table A-VI/2-1 in STCW Code) and Seafarers with designated security duties (Section A-VI/6-2 in STCW Code); and
  - (d) have completed an approved training, examination and assessment meeting the standard of competence specified in section A-II/5 of the STCW Code.

### Radio Communication and Radio Operators

12.—(1) Every candidate requiring a Certificate of Competency as GMDSS Radio Operator in compliance with the provisions of Chapter IV of the Convention, shall—

- (a) be not less than eighteen (18) years of age on the date of the application for the issue of the certificate;
- (b) meet the standard of competence specified in section A-IV/2 of the STCW Code;
- (c) hold a GMDSS General Radio Operator's Certificate issued by any institution approved by the Director General; and
- (d) produce documentary evidence of having successfully completed the following approved training in Basic Training as per STCW Code, Sec. A-VI/1 Paragraph 2, Proficiency in Survival Crafts and Rescue Boats other than fast Rescue Boats (Table A-VI/2-1 in STCW Code), Advanced Fire Fighting (Table A-VI/3 in STCW Code), Medical First Aid (Table A-VI/4-1 in STCW Code) and Security Awareness (Table A-VI/6-

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

1 in STCW Code).

(2) Every candidate requiring a Certificate of Competency as GMDSS Restricted Radio Operator for compliance with the provisions of Chapter IV of the Convention, shall—

(a) be not less than eighteen (18) years of age on the date of the application for the issue of the Certificate;

(b) meet the standard of competence required for Restricted Operator's Certificate as specified in section A-IV/2 of the STCW Code;

(c) hold a GMDSS Restricted Radio Operator's Certificate issued by any institution approved by the Director General; and

(d) produce documentary evidence of having successfully completed the following approved training in Basic Training as per STCW Code, Sec. A-VI/1 Paragraph 2, Proficiency in Survival Crafts and Rescue Boats

other than fast Rescue Boats (Table A-VI/2-1 in STCW Code), Advanced Fire Fighting (Table A-VI/3 in STCW Code), Medical First Aid (Table A-VI/4-1 in STCW Code) and Security Awareness (Table A-VI/6-1 in STCW Code).

### **Mandatory Minimum Requirements for Training and Qualification of Marine Engineer Officers and Ratings in the Engine Department**

13.—(1) **Every officer in charge of an engineering watch** in a manned engine-room or designated duty engineer officer in a periodically unmanned engine-room on a seagoing ship powered by main propulsion machinery of 750 kW propulsion power or more shall hold a valid Certificate of Competency and every candidate for certification shall-

(a) be not less than eighteen (18) years of age on the date of the commencement of the examination for the issue of the Certificate of Competency;

(b) (i) have completed combined mechanical and electrical workshop skills training and an approved seagoing service of not less than 12 months in the engine department on ships of propulsion power of 750kW or more as part of an approved training program which includes onboard training that meets the requirements of [section A-III/1](#) of the STCW Code and is documented in an approved training record book, or otherwise have completed combined mechanical and electrical workshop skill training and an approved seagoing service of not less than 36 months of which not less than 30 months shall be seagoing service in the engine department; or

(ii) with Bachelor degree in Marine Engineering, Mechanical Engineering or Naval Architecture from any recognised university, minimum 12 months sea service as assistant engineering watch keeping officer on ships of propulsion power 750kW or more documented in an approved training record book; or approved sea-service on ships of propulsion power 750kW or more as assistant engineer officer and in which on-board training is documented in an approved training record book; or

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(iii) have approved seagoing service as follows:

(aa) 24 months by retired commissioned officer of the engineering branch of Bangladesh Navy completing minimum 48 months sea-service after commissioning on board Bangladesh Navy or Bangladesh Coast Guard ships of 24 meter or more in length; or

(bb) 27 months by candidate holding Fishing Vessel chief engineer Certificate of competency completing minimum 24 months approved sea service as chief engineer officer on board fishing vessel of 24 meter or more in length after obtaining Fishing Vessel chief engineer certificate of competency ; or

(cc) 30 months by candidates holding marine Engineer Officer Class-4 Certificate of competency after completing minimum 36 months sea-service on board coastal or near coastal ships of 24 meter or more in length; or

(dd) 36 months by retired rating candidate of engineering branch of Bangladesh Navy or Bangladesh Coast Guard with minimum 84 months sea-service on board Bangladesh Navy or Coast Guard ship of 24 meter or more in length.

(c) have performed, during the required seagoing service, engine-room watchkeeping duties under the supervision of the chief engineer officer or a qualified engineer officer for a period of not less than six months.

(d) produce documentary evidence of having successfully completed the approved training in Basic Training as per STCW Code, Sec. A-VI/1 Paragraph 2, Proficiency in Survival Craft and Rescue Boats other than fast Rescue Boats (Table A-VI/2-1 in the STCW Code), Advanced Fire Fighting (Table A-VI/3 in the STCW Code), Medical First Aid (Table A-VI/4-1 in the STCW Code) and Ship Security Officer (Table A-VI/5 in STCW Code); and

(e) have completed approved education, training, examination and assessment including simulator training and assessment meeting the standard of competence set out in Section A-III/1 in STCW Code.

(2) **Every Second Engineer Officer** on a seagoing ship powered by main propulsion machinery of 3000 kW propulsion power or more shall hold a valid certificate of competency and every candidate for certification shall-

(a) hold a Certificate of Competency as Officer in-charge of an engineering watch, in a manned engine room or as designated duty Engineer in periodically unmanned engine room on ships of propulsion power of 750kW or more;

(b) have approved seagoing service as an Officer in-charge of an engineering watch in a manned engine room or as designated duty Engineer in a periodically unmanned engine room on a ship of propulsion power of 750kW or more, for a period of not less than 18 months which includes not less than

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

06 months of approved seagoing service on ships of propulsion power of 3000 kW or more; and

(c) have completed approved education, training, examination and assessment including relevant simulator training and assessment meeting the standard of competency set out in Section A-III/2 of the STCW Code for Certificate of Competency as Second Engineer Officer:

(3) **Every Chief Engineer Officer** on a seagoing ship powered by main propulsion machinery of 3000 kW propulsion power or more shall hold a valid certificate of competency and every candidate for certification shall:

(a) hold a Certificate of Competency as Second Engineer Officer, in a manned engine room or as designated duty Engineer in periodically unmanned engine room on ships of propulsion power of 3000 kW or more;

(b) have completed not less than 18 months seagoing service as an officer in charge of an engineering watch on ships of propulsion power of 3000 kW or more while holding the Certificate of Competency as a Second Engineer Officer on ships of propulsion power of 3000 kW or more. However, this period may be reduced to not less than 12 months, or pro-rata if such service has been performed as Second Engineer on ships of propulsion power 3000 kW or more; and

(c) have completed approved education, training, examination and assessment including relevant simulator training and assessment meeting the standard of competency set out in Section A-III/2 of the STCW Code for Certificate of Competency as Chief Engineer Officer as appropriate:

(4) **Every officer in charge of an engineering watch** in a manned engine-room or designated duty Engineer Officer in a periodically unmanned engine-room on a seagoing ship powered by main propulsion machinery of less than 3000 kW propulsion power engaged on coastal or near coastal voyages shall hold a valid certificate of competency and every candidate for certification shall:

(a) be not less than eighteen (18) years of age on the date of commencement of the examination for the issue of the certificate;

(b) have completed:

combined mechanical and electrical workshop skill training and an approved seagoing service on ships of less than 3000 kW propulsion power engaged on coastal or near coastal voyages for a period not less than 36 months of which not less than 30 months shall be seagoing service in the engine department; or approved sea-service as assistant engineer on ships of less than 3000 kW propulsion power engaged on coastal or near coastal voyages as follows:

(i) 12 months for candidate having Diploma in Marine Engineering or equivalent certificate from Bangladesh Technical Education Board; or

(ii) 24 months for candidate having inland driver class1 or Fishing vessel engineer officer class 2 certificate from Department of Shipping ; or

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

- (iii) 30 months for candidate having Fishing vessel engineer officer class 3 certificate from Department of Shipping ; or
  - (iv) 36 months by retired rating candidate of engineering branch of Bangladesh Navy or Bangladesh Coast Guard with minimum 24 months sea-service on board Bangladesh Navy or Coast Guard ship of 24 meter or more in length.
  - (c) have performed, during the required seagoing service, engine-room watchkeeping duties under the supervision of the chief engineer officer or a qualified engineer officer for a period of not less than six months,
  - (d) produce documentary evidence of having successfully completed the approved training in Basic Training as per STCW Code, Sec. A-VI/1 Paragraph 2, Proficiency in Survival Craft and Rescue Boats other than fast Rescue Boats (Table A-VI/2-1 in the STCW Code), Advanced Fire Fighting (Table A-VI/3 in the STCW Code), Medical First Aid (Table A-VI/4-1 in the STCW Code) and Ship Security Officer (Table A-VI/5 in STCW Code); and
  - (e) have completed approved education, training, examination including relevant simulator training and assessment meeting the standard of competence specified in Section A-III/1 paragraph 10 of the STCW Code as applicable to ships engaged on coastal or near coastal voyages:
- (5) **Every Chief Engineer Officer** on a seagoing ship powered by main propulsion machinery of less than 3000 kW propulsion power engaged on coastal or near coastal voyages shall hold a valid Certificate of Competency and every candidate for certification shall:
- (a) hold a Certificate of Competency as Officer-in-charge of an engineering watch of less than 3000 kW engaged on coastal or near coastal voyages;
  - (b) have completed approved seagoing service as an Officer-in-charge of an engineering watch on ships of propulsion power of less than 3000 kW for a period of not less than 12 months; and
  - (c) produce documentary evidence of having successfully completed approved training in Basic Training as per STCW Code, Sec. A-VI/1 Paragraph 2, Proficiency in Survival Craft and Rescue Boats other than fast Rescue Boats (Table A-VI/2-1 in STCW Code), Advanced Fire Fighting (Table A-VI/3 in STCW Code) and Medical First Aid (Table A-VI/4-1 in STCW Code), Ship Security Officer (Table A-VI/5 in STCW Code);
  - (c) have completed approved education, training, examination including simulator training and assessment meeting the standard of competence specified in Section A-III/3 in the STCW Code for Chief Engineer Officers and Second Engineer Officers on ships of propulsion power of between 750kW and 3000 kW engaged on coastal or near coastal voyages.
- (6) **Every rating forming part of an engine room watch** or designated to perform duties in a periodically unmanned engine room on a seagoing ship powered by main propulsion machinery of 750 kW propulsion power or more shall be duly



## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

certificated and every candidate for the issue of Certificate as Rating forming part of an Engineering watch on ships of propulsion power 750kW or more, shall:

- (a) be not less than eighteen (18) years of age on the date of the commencement of the examination for the issue of the certificate;
- (b) have completed:
  - (i) at least 6 months training and experience relevant to engineering watch keeping as approved on ships of propulsion power 750kW or more; or
  - (ii) a period of approved seagoing service of not less than 6 months on ships of propulsion power 750kW or more and a period of approved pre-sea special training of not less than 3 months; or
  - (iii) not less than 12 months seagoing service on ships of propulsion power 750kW or more in a relevant capacity in the engine department:
- (c) produce documentary evidence of having successfully completed the approved training in Personal Survival Techniques (Table A-VI/1-1 in STCW Code), Fire Prevention and Fire Fighting (Table A-VI/1-2 in STCW Code), Elementary First Aid (Table A-VI/1-3 in STCW Code) and Personal Safety and Social Responsibilities (Table A-VI/1-4 in STCW Code) and Security Awareness (Table A-VI/6-1 in STCW Code), for issue of the Certificate as Rating forming part of an engine room watch; and
- (d) meet the standard of competence specified in Section A-III/4 of the STCW Code.

(7) **Every able seafarer engine** serving on a seagoing ship powered by main propulsion machinery of 750 kW propulsion power or more shall be duly certificated. Every candidate for certification shall:

- (a) be not less than eighteen (18) years of age on the date of the examination for the issue of the certificate;
- (b) meet the requirements for certification as a rating forming part of an engine room watch in a manned engine-room or designated to perform duties in a periodically unmanned engine-room;
- (c) while qualified to serve as a rating forming part of an engine room watch, have completed approved seagoing service in the engine department of not less than 12 months; and
- (d) produce documentary evidence of having successfully completed the approved training in Personal Survival Techniques (Table A-VI/1-1 in STCW Code), Fire Prevention and Fire Fighting (Table A-VI/1-2 in STCW Code), Elementary First Aid (Table A-VI/1-3 in STCW Code) and Personal Safety and Social Responsibilities (Table A-VI/1-4 in STCW Code) and Security Awareness (Table A-VI/6-1 in STCW Code); and

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

- (e) have completed approved education, training, examination and assessment meeting the standard of competence specified in section A-III/5 of the STCW Code.
- (8) **Every Electro-Technical Officer** serving on a seagoing ship powered by main propulsion machinery of 750 kW propulsion power or more shall hold a Certificate of Competency. Every candidate for such certification shall-
- (a) be not less than eighteen (18) years of age on the date of commencement of the examination.
  - (b) have completed not less than 30 months of combined workshop skills training and approved seagoing service of which not less than 12 months shall be seagoing service as part of an approved training programme which meets the requirements of section A-III/6 of the STCW Code and is documented in an approved training record book; or otherwise not less than 36 months of combined workshop skills training and approved seagoing service of which not less than 30 months as a junior Electro Technical officer while holding a qualifications as a diploma electrical engineer from any recognized institution; or not less than 12 months as a junior Electro Technical officer while holding a Bachelor degree in electrical engineering from any recognized institution.
  - (c) have completed approved education, training, examination including simulator training and assessment and meet the standards of competence specified in section A-III/6 of the STCW Code; and
  - (d) produce documentary evidence of having successfully completed the approved training in Basic Training as per STCW Code, [section A-VI/1](#), paragraph 2, [section A-VI/2](#), paragraphs 1 to 4, [section A-VI/3](#), paragraphs 1 to 4 and [section A-VI/4](#), paragraphs 1 to 3 of the STCW Code and security awareness (Table A-VI/6-1 in STCW Code);
- (9) **Every electro-technical rating** serving on a seagoing ship powered by main propulsion machinery of 750 kW propulsion power or more shall be duly certificated. Every candidate for such certification shall:
- (a) be not less than eighteen (18) years of age on the date of commencement of the examination;
  - (b) have completed not less than 12 months training and experience under supervision of an electro-technical officer serving on ships of propulsion power 750kW or more; or have completed an approved training from an approved training institution including an approved period of seagoing service which shall not be less than 12 months; and
  - (c) meet the standard of competences specified in Table A-III/7 of the STCW Code; and
  - (d) produce documentary evidence of having successfully completed the approved training in Personal Survival Techniques (Table A-VI/1-1 in STCW Code), Fire Prevention and Fire Fighting (Table A-VI/1-2 in STCW Code),

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

Elementary First Aid (Table A-VI/1-3 in STCW Code) and Personal Safety and Social Responsibilities (Table A-VI/1-4 in STCW Code) and Security Awareness (Table A-VI/6-1 in STCW Code);

### **Mandatory Minimum Requirements for the Training and Qualifications on Oil and Chemical tankers**

14.—(1) The officers and Ratings assigned specific duties and responsibilities related to cargo or cargo equipment on oil or chemical tankers shall hold a certificate in basic training for oil and chemical tanker cargo operations.

(2) Every officer and Rating for a certificate in basic training for oil and chemical tanker cargo operations shall have completed basic training in accordance with the provisions of section A-VI/1 of the STCW Code and shall have completed-

(a) at least 3 months of approved seagoing service on oil or chemical tankers competence specified in section A-V/1-1, paragraph 1 of the STCW Code; or

(b) an approved basic training for oil and chemical tanker cargo operations and meet the standard of competence specified in section A-V/1-1, paragraph 1 of the STCW Code.

(3) The Masters, Chief Engineer Officers, Chief Mates, Second Engineer Officers and any person with immediate responsibility for loading, discharging, care in transit, handling of cargo, tank cleaning or other cargo-related operations on oil tankers shall hold a certificate in advanced training for oil tanker cargo operations.

(4) Every candidate for a certificate in advanced training for oil tanker cargo operations shall-

(a) meet the requirements for certification in basic training for oil and chemical tanker cargo operations; and

(b) while qualified for certification in basic training for oil and chemical tanker cargo operations, shall have:

(i) at least three months of approved seagoing service on oil tankers, or

(ii) at least one month of approved onboard training on oil tankers in a supernumerary capacity, which includes at least three loading and three unloading operations and is documented in an approved training record book taking into account guidance in section B-V/1 of the STCW Code; and

(c) have completed approved advanced training for oil tanker cargo operations and meet the standard of competence specified in section A-V/1-1, paragraph 2 of the STCW Code.

(5) The Masters, Chief Engineer Officers, Chief Mates, Second Engineer Officers and any person with immediate responsibility for loading, discharging, care in transit, handling of cargo, tank cleaning or other cargo-related operations on chemical



## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

tankers shall hold a certificate in advanced training for chemical tanker cargo operations.

(6) Every candidate for a certificate in advanced training for chemical tanker cargo operations shall-

(a) meet the requirements for certification in basic training for oil and chemical tanker cargo operations; and

(b) while qualified for certification in basic training for oil and chemical tanker cargo operations, have:

(i) at least three months of approved seagoing service on chemical tankers, or

(ii) at least one month of approved onboard training on chemical tankers, in a supernumerary capacity, which includes at least three loading and three unloading operations and is documented in an approved training record book taking into account guidance in section B-V/1 of the STCW Code; and

(c) have completed approved advanced training for chemical tanker cargo operations and meet the standard of competence specified in section A-V/1-1, paragraph 3 of the STCW Code.

(7) An existing certificates of proficiency in Oil and Chemical Tanker Training shall be revalidated according to the sea service obtained on respective types of tankers if the holders of the certificates have served in a relevant capacity on board a ship for a period of 3 months of sea service during the five years preceding the date of revalidation on respective tankers, or undergone relevant advanced tanker training.

### **Mandatory minimum requirements for the training and qualifications on gas tankers**

15.—(1) The officers and Ratings assigned specific duties and responsibilities related to cargo or cargo equipment on liquefied gas tankers shall hold a certificate in basic training for liquefied gas tanker cargo operations.

(2) Every candidate for a certificate in basic training for liquefied gas tanker cargo operations shall have completed basic training in accordance with the provisions of section A VI/1 of the STCW Code and shall have completed-

(a) at least 3 months of approved seagoing service on liquefied gas tankers and meet the standard of competence specified in section A-V/1-2, paragraph 1 of the STCW Code; or

(b) an approved basic training for liquefied gas tanker cargo operations and meet the standard of competence specified in section A-V/1-2, paragraph 1 of the STCW Code.

(3) The Masters, Chief Engineer Officers, Chief Mates, Second Engineer Officers and any person with immediate responsibility for loading, discharging, care in transit, handling of cargo, tank cleaning or other cargo-related operations on liquefied gas

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

tankers shall hold a certificate in advanced training for liquefied gas tanker cargo operations.

- (4) Every candidate for a certificate in advanced training for liquefied gas tanker cargo operations shall-
- (a) meet the requirements for certification in basic training for liquefied gas tanker cargo operations; and
  - (b) while qualified for certification in basic training for liquefied gas tanker cargo operations, have:
    - (i) at least three months of approved seagoing service on liquefied gas tankers, or
    - (ii) at least one month of approved onboard training on liquefied gas tankers, in a supernumerary capacity, which includes at least three loading and three unloading operations and is documented in an approved training record book taking into account guidance in section B-V/1 of the STCW Code; and
  - (c) have completed approved advanced training for liquefied gas tanker cargo operations and meet the standard of competence specified in section A-V/1-2, paragraph 2 of the STCW Code.
- (5) An existing certificate of proficiency in tanker training shall be revalidated if the seafarer has served in a relevant capacity on board a tanker for a period of not less than 3 months within the preceding 60 months on respective tankers or has undergone relevant advanced tanker training.

### **Mandatory minimum requirements for the training and qualifications on passenger ships**

16.—(1) Prior to being assigned shipboard duties on board passenger ships, all personnel serving on board passenger ships engaged on international voyages shall meet the requirements of section A-VI/1, paragraph 1 of the STCW Code.

- (2) Masters, officers, ratings and other personnel serving on board passenger ships shall complete the training and familiarization required by sub-paragraphs(4), (5), (6) (7) and (8) below in accordance with their capacity, duties and responsibilities.
- (3) The seafarers who are required to be trained in accordance with sub-paragraphs(4)to (8) below shall, at intervals not exceeding 5 years, undertake appropriate refresher training or be required to provide evidence of having achieved the required standard of competence within the previous 5 years.
- (4) Personnel serving on board passenger ships shall complete passenger ship emergency familiarization appropriate to their capacity, duties and responsibilities as specified in section A-V/2, paragraph 1 of the STCW Code.
- (5) The personnel providing direct service to passengers in passenger spaces on board passenger ships shall have completed the safety training specified in section A-V/2, paragraph 2 of the STCW Code.

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(6) The Masters, officers and ratings qualified in accordance with chapters II or III or VII and other personnel designated on muster lists to assist passengers in emergency situations on board passenger ships shall complete passenger ship crowd management training as specified in section A-V/2, paragraph 3 of the STCW Code.

(7) The Masters, chief engineer officers, chief mates, second engineer officers and any person designated on muster lists as having responsibility for the safety of passengers in emergency situations on board passenger ships shall have completed approved training in crisis management and human behaviour as specified in section A-V/2, paragraph 4 of the STCW Code.

(8) The Masters, chief engineer officers, chief mates, second engineer officers and every person assigned immediate responsibility for embarking and disembarking passengers, loading, discharging or securing cargo, or closing hull openings on board ro-ro passenger ships shall have completed approved training in passenger safety, cargo safety and hull integrity as specified in section A-V/2, paragraph 5 of the STCW Code.

(9) Documentary evidences of compliance with the provisions of this regulation shall be carried by the seafarers.

[Requirements for the training and qualifications of personnel on ships subjected to IGF code, Polar code, HSC code, dynamically supported craft and other ships.](#)

17.— (1) Prior to being assigned shipboard duties on board ships subject to the IGF Code, seafarers shall have completed the training required by paragraphs (2) to (7) below in accordance with their capacity, duties and responsibilities.

(2) Seafarers responsible for designated safety duties associated with the care, use or in emergency response to the fuel on board ships subject to the IGF Code shall hold a certificate in basic training for service on ships subject to the IGF Code.

(3) Every candidate for a certificate in basic training for service on ships subject to the IGF Code shall have completed basic training in accordance with provisions of section A-V/3, paragraph 1 of the STCW Code.

(4) Seafarers responsible for designated safety duties associated with the care, use or in emergency response to the fuel on board ships subject to the IGF Code who have been qualified and certified according to regulation V/1-2, paragraphs 2 and 5, on liquefied gas tankers, are to be considered as having met the requirements specified in section A-V/3, paragraph 1 for basic training for service on ships subject to the IGF Code.

(5) Masters, engineer officers and all personnel with immediate responsibility for the care and use of fuels and fuel systems on ships subject to the IGF Code shall hold a certificate in advanced training for service on ships subject to the IGF Code.

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(6) Every candidate for a certificate in advanced training for service on ships subject to the IGF Code shall, while holding the Certificate of Proficiency described in paragraph (3) have:

(a) completed approved advanced training for service on ships subject to the IGF Code and meet the standard of competence as specified in section A-V/3, paragraph 2 of the STCW Code; and

(b) completed at least one month of approved seagoing service that includes a minimum of three bunkering operations on board ships subject to the IGF Code. Two of the three bunkering operations may be replaced by approved simulator training on bunkering operations as part of the training in paragraph (6) (a) above.

(7) Masters, engineer officers and any person with immediate responsibility for the care and use of fuels on ships subject to the IGF Code who have been qualified and certified according to the standards of competence specified in section A-V/1-2, paragraph 3 and 5 for service on liquefied gas tankers are to be considered as having met the requirements specified in section A-V/3, paragraph 2 for advanced training for ships subject to the IGF Code, provided they have also:

(a) met the requirements of paragraph 4; and

(b) met the bunkering requirements of paragraph (6)(b) or have participated in conducting three cargo operations on board the liquefied gas tanker; and

(c) have completed sea going service of three months in the previous five years on board:

I. ships subject to the IGF Code;

II. tankers carrying as cargo, fuels covered by the IGF Code; or

III. ships using gases or low flashpoint fuel as fuel.

(8) Persons serving on gas-fuelled ships before 1 January 2017 for a period of minimum 3 months within preceding 5 years are to be considered as having met the requirements specified in Section A-V/3 of the STCW Code.

(9) Administrations shall ensure that a Certificate of Proficiency is issued to seafarers, who are qualified in accordance with paragraphs (2) or (5) or (8), as appropriate.

(10) Seafarers holding Certificates of Proficiency in accordance with paragraph (2) or (5) above shall, at intervals not exceeding five years, undertake appropriate refresher training or be required to provide evidence of having achieved the required standard of competence within the previous five years.

(11) Masters, chief mates and officers in charge of a navigational watch on ships operating in polar waters shall hold a certificate in basic training for ships operating in polar waters, as required by the Polar Code.

(12) Every candidate for a certificate in basic training for ships operating in polar waters shall complete an approved basic training for ships operating in polar waters

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

and meet the standard of competence specified in section A-V/4, paragraph 1, of the STCW Code.

(13) Masters and chief mates on ships operating in polar waters, shall hold a certificate in advanced training for ships operating in polar waters, as required by the Polar Code.

(14) Every candidate for a certificate in advanced training for ships operating in polar waters shall:

- .1 meet the requirements for certification in basic training for ships in polar waters;
- .2 have at least two (2) months of approved seagoing service in the deck department, at management level or while performing watchkeeping duties at the operational level, within polar waters or other equivalent approved seagoing service; and
- .3 complete an approved advanced training for ships operating in polar waters and meet the standard of competence specified in section A-V/4, paragraph 2 of the STCW Code.

(15) The Director General shall issue a Certificate of Proficiency to seafarers who are qualified in accordance with paragraphs 11 or 13, as appropriate.

(16) Until 1 July 2020, seafarers who commenced approved seagoing service in polar waters prior to 1 July 2018 shall be able to establish that they meet the requirements of:

(a) sub-paragraph (12) above by:

- .1 having completed approved seagoing service on board a ship operating in polar waters or equivalent approved seagoing service, performing duties in the deck department at the operational or management level, for a period of at least three months in total during the preceding five years; or
- .2 having successfully completed a training course meeting the training guidance established by the Organization for ships operating in polar waters; and

(b) sub-paragraph (14) above by:

- .1 having completed approved seagoing service on board a ship operating in polar waters or equivalent approved seagoing service, performing duties in the deck department at management level, for a period of at least three months in total during the preceding five years; or
- .2 having successfully completed a training course meeting the training guidance established by the Organization for ships operating in polar waters. and having completed approved seagoing service on board a ship operating in polar waters or equivalent approved seagoing service, performing duties in the deck department at the management level, for a period of at least two months in total during the preceding five years."

(17) Masters, officers, ratings and other concerned personnel of high speed craft built on 1 January, 1996 or later shall hold an approved high speed craft type rating



## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

certificate (TRC) which is craft and route specific, and the candidates are required to complete additional training in craft and route familiarization, while holding requisite certificate of competencies; the practical test will be conducted by DOS examiners on board the craft, where candidates are required to demonstrate their proficiencies in the various navigational and safety equipment on board, while the DOS examiner will observe how the candidates navigate through the route safely with the use of key navigational marks.

(18) The TRC issued is valid for 2 years and would be re-issued for a further two years if the holder provides evidence of maintaining proficiency; Director General shall also endorse on certificates of Master and officers engaged in navigation of high speed craft issued by other administration recognized by DOS.

(19) Masters, officers, ratings and other concerned personnel of dynamically supported craft shall hold appropriate certificate as per IMO code of Safety for Dynamically Supported Craft.

(20) Masters, officers, ratings and other concerned personnel of ship operating dynamic positioning system, prior to being assigned duties on board such ship, shall undertake training and shall be certificated as per applicable IMO guidelines.

### **Alternative Certification**

18.— (1) Notwithstanding the requirements for certification laid down in chapters II and III of the annex to the STCW Convention, the relevant Chief Examiner may issue certificates other than those mentioned in the regulations of those chapters, provided that-

- (a) the associated functions and levels of responsibility to be stated on the certificates and in the endorsements are selected from and identical to those appearing in sections A-II/1, A-II/2, A-II/3, A-II/4, A-II/5, A-III/1, A-III/2, A-III/3, A-III/4, A-III/5 and A-IV/2 of the STCW Code;
- (b) the candidates have completed approved education and training and meet the requirements for standards of competence, prescribed in the relevant sections of the STCW Code and as set forth in section A-VII/1 of the STCW Code, for the functions and levels that are to be stated in the certificates and in the endorsements;
- (c) the candidates have completed approved seagoing service appropriate to the performance of the functions and levels that are to be stated on the certificate. The minimum duration of seagoing service shall be equivalent to the duration of sea going service prescribed in chapters II and III of the annex to the STCW Convention. However, the minimum duration of sea going service shall be not less than that prescribed in section A-VII/2 of the STCW Code;
- (d) the candidates for certification who are to perform the functions of navigation at the operational level shall meet the applicable requirements of the regulations in chapter IV of the STCW Convention, as appropriate, for

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

performing designated radio duties in accordance with the Radio Regulations;  
and

- (e) the certificates are issued in accordance with the requirements of regulation I/2 and the provisions set forth in chapter VII of the STCW Code.
- (2) No certificate shall be issued under Chapter VII of STCW Convention unless the same has been communicated by the Director General to the IMO as required under Article IV and Reg. I/7 of STCW Convention.
- (3) Every seafarer who performs any function or group of functions specified in Tables A-II/1, A-II/2, A-II/3, A-II/4, or A-II/5 of chapter II or in Tables A-III/1, A-III/2, A-III/3, A-III/4 or A-III/5 of chapter III or Table A-IV/2 of chapter IV of the STCW Code shall hold a certificate of competency or certificate of proficiency, as applicable.
- (4) The Director General shall ensure that;
  - (a) no alternative certification system is implemented unless it ensures a degree of safety at sea and has a preventive effect as regards pollution at least equivalent to that provided by the other chapters; and
  - (b) any arrangement for alternative certification under chapter VII of the STCW Convention shall provide for the inter-changeability of certificates with those issued under other chapters.
- (5) The principle of inter-changeability in sub-paragraph (1) above shall ensure that:
  - (a) seafarers certificated under the arrangements of chapters II and/or III of STCW Convention and those certificated under chapter VII of the STCW Convention are able to serve on ships which have either traditional or other forms of shipboard organization; and
  - (b) seafarers are not trained for specific shipboard arrangements in such a way as would impair their ability to take their skills elsewhere.
- (6) In issuing any certificate under the provisions of chapter VII of the STCW Convention, the following principles shall be taken into account:
  - (a) the issue of alternative certificates shall not be used in itself:
    - (i) to reduce the number of crew on board,
    - (ii) to lower the integrity of the profession or “de-skill” seafarers, or
    - (iii) to justify the assignment of the combined duties of the engine and deck watchkeeping officers to a single certificate holder during any particular watch; and
  - (b) the person in command shall be designated as the master; and the legal position and authority of the master and others shall not be adversely affected by the implementation of any arrangement for alternative certification.

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(7) Every candidate for certification at the support level in navigation or marine engineering shall be required to complete relevant training and meet the standard of competence for the function prescribed in either Table A-II/4 or Table A-III/4 of the STCW Code. Functions specified in Table A-III/4 or A-II/4 of the STCW Code respectively may be added provided the candidate completes, as appropriate, additional relevant training and meets the standards of competence prescribed in those tables for the functions concerned.

(8) Every candidate for certification at the support level as able seafarer deck shall be required, in addition to compliance with the standard of competence specified in Table A-II/4, to complete relevant training and meet the standard of competence for all of the functions prescribed in Table A-II/5. Functions specified in Table A-III/4 or A-III/5 may be added provided the candidate completes, as appropriate, additional relevant training and meets the standard of competence prescribed in the relevant table or tables of the STCW Code for the functions concerned.

(9) Every candidate for certification at the support level as able seafarer engine shall be required, in addition to compliance with the standard of competence specified in Table A-III/4, to complete relevant training and meet the standard of competence for all of the functions prescribed in Table A-III/5. Functions specified in Table A-II/4 or A-II/5 may be added provided the candidate completes, as appropriate, additional relevant training and meets the standard of competence prescribed in the relevant table or tables of the STCW Code for the functions concerned.

(10) Every candidate for certification under the provisions of chapter VII of the STCW Convention at support level, in functions specified in Tables A-II/4 and A-III/4 of the STCW Code shall have completed-

(a) approved seagoing service including not less than 15 months experience, made up of-

- (i) not less than 9 months associated with navigational watchkeeping duties; and
- (ii) not less than 6 months associated with engine room duties; or

(b) a special training, either pre-sea or on board ship, including an approved period of seagoing service which shall not be less than 12 months, made up of-

- (i) not less than 6 months associated with navigational watch keeping duties; and
- (ii) not less than 6 months associated with engine room duties.

(11) The seagoing service, training and experience required by paragraph (a) or (b) above shall be carried out under the direct supervision of an appropriately qualified officer or Rating.



## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(12) Every candidate for certification under the provisions of chapter VII of the STCW Convention at support level in functions specified in Tables A-II/5 and A-III/5 shall while qualified to serve as a rating forming part of a navigational and engine room watch, meet the standards of competence specified in sections A-II/5 and A-III/5 of the STCW Code and have completed-

(a) an approved seagoing service including not less than 30 months, made up of-

- (i) not less than 18 months associated with able seafarer deck duties, and
- (ii) not less than 12 months associated with able seafarer engine duties; or

(b) an approved training programme and not less than 18 months of approved seagoing service, made up of-

- (i) not less than 12 months associated with able seafarer deck duties; and
- (ii) not less than 06 months associated with able seafarer engine duties; or

(c) an approved special integrated deck and engine training programme, including not less than 12 months approved seagoing service in an integrated deck and engine department, made up of-

- (i) not less than 06 months associated with able seafarer deck duties; and
- (ii) not less than 06 months associated with able seafarer engine duties.

(13) Every candidate for certification under the provisions of chapter VII of the STCW Convention at operational level in functions specified in Tables A-II/1 and A-III/1 of the STCW Code shall-

(a) have approved seagoing service of not less than 12 months, which service shall include a period of at least 06 months performing engine room duties under the supervision of a qualified engineer officer and, where the function of navigation is required, a period of at least 06 months performing bridge watchkeeping duties under the supervision of a qualified bridge watchkeeping officer; and

(b) have completed, during this service, on board training programmes approved as meeting the relevant requirements of Section A-II/1 and A-III/1 of the STCW Code and documented in an approved training record book.

(14) Every candidate for certification under the provisions of Chapter VII of the STCW Convention at the management level in a combination of functions specified in Tables A-II/2 and A-III/2 of the STCW Code shall have approved seagoing service related to the functions to be shown in the endorsement to the certificate as follows :

(a) for persons other than those having command or responsibility for the mechanical propulsion of a ship – 12 months performing duties at the operational level related to Regulation III/2 or III/3 of the STCW Code as appropriate and, where the function of navigation at the management level is required, at least 12 months performing bridge watchkeeping duties at the operational level;

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

- (b) for those having command or the responsibility for the mechanical propulsion of a ship – not less than 48 months, including the provisions in paragraph (a) above, performing, as a certificated officer, duties related to the functions to be shown in the endorsement to the certificate, of which 24 months shall be served performing functions set out in Table A-III/1 of the STCW Code and 24 months shall be served performing functions set out in Tables A-III/1 and A-III/2 of the STCW Code.

### **Examinations for certification**

19.—(1) Every candidate for a Certificate of Competency or for an endorsement under these regulations, shall satisfy the Chief Examiners at a written or oral, or both written and oral examination, that he or she has reached the required degree of competency for the award of such certificate or endorsement.

(2) All applications for examination for Certificates of Competency and endorsements together with supporting documentation shall be made to the Director General. Every candidate shall pay an examination fee specified in the fees rule by the Director General, which may be revised by the Director General from time to time, and in a manner determined by the Director General. If the applicant meets all the requirements for eligibility to the examination, a notice of eligibility shall be issued. The notice of eligibility shall authorise admission of the candidate to the said examination.

(3) The Director General shall notify in writing of the date and place of the examination.

(4) The subjects, pass marks and the syllabuses as specified in the **appendix 2** for the examination may be changed or amended from time to time for the purpose of maintaining internationally accepted standards.

(5) The Director General shall carry out all such acts as are necessary or expedient for the proper conduct of the examinations.

(6) A candidate failing the assessment in respect of competency or endorsement may at the Chief Examiner's discretion be given a time penalty which may include a requirement to complete a period of seagoing service before becoming eligible for re-examination.

(7) For every certificate of competency participated in written, oral and practical examinations in accordance with these regulations as per syllabuses specified.

(8) Various methods shall be applied as specified in the STCW code for assessment of required knowledge, understanding and proficiency of the candidate in respect of his function and level of responsibility during Certificate of Competency examinations.

(9) In order to take part in certificate of competency examination, a candidate shall apply in a specified form "Application for Assessment of Eligibility in Examination" to

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

the Chief Examiner at least 30 days before the schedule of the examination along with necessary documents and a “Notice of Eligibility for Examination” will be issued with respect to each qualifying candidate which shall remain valid for five years.

(10) Application for any examination shall be submitted least 7 days before the schedule date of the intend examination and for the first attempt of any examination all subjects must be attempted..

(11) If unsuccessful in the first attempt of the examination, for subsequent attempt of the examination shall pay fees for all unsuccessful subjects.

(12) Both Bangladeshi and foreign citizens can equally take part in the examination.

(13) If any candidate submits any incorrect, false, untrue declaration or documents for participation in any examination or course, certification, endorsement, revalidation, the Chief Examiner shall be entitled to cancel the candidate's examination, course, certificate, endorsement or revalidation.

(14) Necessary Sea Service required for certificate of competency examination shall be completed before obtaining Notice of Eligibility for Examination and at least one year approved sea service shall be completed within the preceding five years before obtaining such notice of eligibility for examination.

(15) Before participating in certificate of competency examinations of all classes/ grades a candidate shall complete approved training and education in accordance with IMO model course of the concerned class/ grade.

(16) For each subject, time for written examination will be three hours and full marks will be 100.

(17) Language of all written and oral examination shall be English.

(18) After appearing certificate of competency examination, if any candidate is not satisfied with the result of any subject, he can appeal to the Director General for re-assessment with applicable fees for the subject and on receiving application, the Director General shall arrange for re-assessment which shall be the final result.

(19) In case of adopting unfair means in the examination or demonstrating misdemeanour, additional sea service or training requirement may be imposed including cancellation of examination of the candidate and if necessary considering the seriousness of misdemeanour, he may be expelled from the examination.

(20) Fees for Certificates of competency examinations and other related fees shall be determined by the government from time to time.

### **Exemption**

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

20.—If the Director General considers that a ship's size and the conditions of its voyage are such as to render the application of the full requirements of any Regulations relating to ships of less than 500GT are unreasonable or impracticable, may to that extent exempt the Master and the Officer-in-Charge of a navigational watch on such a ship or class of ships from some of the requirements not inconsistent with the Convention, bearing in mind the safety of all ships which may be operating in the same waters.

### **Dispensation**

21.—(1) In circumstances of exceptional necessity the Director General may issue a dispensation in accordance with Article VIII of the Convention permitting a named seafarer to serve in a specified ship, for a specified period not exceeding 6 months, in a capacity for which he or she does not hold the appropriate certificate, if in the opinion of the Director General, this does not cause danger to persons, property or to the environment, provided that the person to whom the dispensation is to be issued shall be adequately qualified to satisfactorily fill the vacant post in a safe manner, to the satisfaction of the Director General. However, dispensations shall not be granted to a Master or Chief Engineer Officer except in circumstances of force majeure and then only for the shortest possible period.

(2) Any dispensation granted for a post shall be granted only to a person properly certificated to fill the post immediately below. Where certification of the post below is not required by the Convention, a dispensation may be issued to a person whose qualification and experience are, in the opinion of the Director General, of a clear equivalence to the requirements for the post to be filled, provided that, if such a person holds no appropriate certificate, he shall be required to pass a test accepted by the Director General as demonstrating that such a dispensation may safely be issued. In addition, Director General shall ensure that the post in question is filled by the holder of an appropriate certificate as soon as possible.

### **Refresher Training**

22.—(1) Every Master, officer and Radio Operator holding a certificate issued or recognized under any Chapter of the Convention other than regulation V/3 or Chapter VI of STCW convention, who is serving at sea or intends to return to sea after a period ashore, shall, in order to continue to qualify for seagoing service, be required, at intervals not exceeding five years, to:

- (a) meet the standards of medical fitness prescribed in regulation 34;
- (b) establish continued professional competence in accordance with regulation 23.

(2) Every Master, officer and Radio Operator shall, for continuing seagoing service on board ships for which special training requirements have been internationally agreed upon, successfully complete approved relevant training.

(3) Every Master and officer shall, for continuing seagoing service on board tankers, meet the requirements of sub-paragraph (1), and be required, at intervals

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

not exceeding 05 years, to establish continued professional competence for tankers in accordance with Sub-paragraph (3) of Regulation 23.

(4) GMDSS Certificate of Competency shall be revalidated at 05 year intervals provided that the radio operator is having 12 months sea service in the relevant capacity within 05 years preceding the date of revalidating.

(5) All holders of Certificates of Competencies and Endorsements as Master, Officer, Radio Operator issued or revalidated under the certification rule of 2011 shall be required to undergo appropriate refresher and updating course or assessment as may be determined by the Director General taking into consideration the circumstances of each case and thereby satisfy the Director General that they have reached a level of competency specified for the appropriate certificate as set out in these regulations and apply to revalidate Certificates or Endorsements on or before December 31, 2016, if the holder wishes to continue to be able to serve on board sea going ships in a certificated capacity.

(6) All Certificates of Competencies and Endorsements as Master, Officer or Radio Operator issued or revalidated under these regulations in accordance with the Convention shall be valid only for a period of 5 years, and should be submitted for revalidation if the holder continues serving on board seagoing ships. Certificates of Competency may be revalidated within 6 months prior to the expiry date and in such cases, the certificate may be revalidated until the fifth anniversary of the date of validity, or extension of validity, of the certificate.

(7) Holders of Certificates of Proficiencies issued under these regulations, shall be required, every 5 years, to undergo approved revalidation or refresher and upgrading training, as determined by the Director General, and meet the required standards of competence, to undertake the tasks, duties and responsibilities listed in column 1 of the respective tables of the STCW Code.

(8) The Certificates of Proficiencies issued under the provisions of Regulation 25 sub-paragraph (6), (7), (11), (13) and (14) are exempted from the above sub-paragraph (7).

(9) The seafarers who have not maintained professional competence through sub-paragraph (1) (a) of Regulation 23, and wish to return to sea, shall revalidate all required certificates, issued under these Regulations.

### **Revalidation**

23.—(1) A continued professional competence as required under regulation I/11 of the STCW Convention shall be established by-

(a) approved seagoing service, performing functions appropriate to the certificate held, for a period of at least-

(i) 12 months in total during the preceding 05 years, or

(ii) 3 months in total during the 06 months immediately prior to revalidating; or



## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(b) having performed functions considered by the Director General to be equivalent to the seagoing service required in paragraph (a) (i); or

(c) passing an approved test; or

(d) successfully completing an approved training course or courses; or

(e) having completed approved seagoing service, performing functions appropriate to the certificate held, for a period of not less than 3 months in a supernumerary capacity, or in a lower officer rank than that for which the certificate held is valid immediately prior to taking up the rank for which it is valid.

(2) The refresher and updating courses required by regulation I/11 of the STCW Convention shall be approved and include changes in relevant national and international regulations concerning the safety of life at sea, security and the protection of the marine environment and take account of any updating of the standard of competence concerned.

(3) A continued professional competence for tankers as required under regulation I/11, paragraph 3 of the STCW Convention, shall be established by-

(a) approved seagoing service, performing duties appropriate to the tanker certificate or endorsement held, for a period of at least 3 months in total during the preceding 05 years; or

(c) successfully completing an approved relevant training course or courses.

### **Simulator training**

24.—The performance standards and other provisions set forth in section A-I/12 of the STCW Code and such other requirements as are prescribed in part A of the STCW Code for any certificate concerned shall be complied with in respect of-

(a) all mandatory simulator-based training;

(b) any assessment of competency required by Part A of the STCW Code which is carried out by means of a simulator; and

(c) any demonstration, by means of a simulator, for continued proficiency required by part A of the STCW Code.

### **Mandatory minimum requirements for safety familiarisation, basic training and instruction for all seafarers**

25.—(1) Before being assigned to ship board duties, all persons employed or engaged on a seagoing ship, other than passengers, shall receive approved familiarisation and basic safety training or instructions in accordance with Section A-VI/1 of the STCW Code and shall meet the appropriate standard of competence specified therein. A record of all persons who have reached the appropriate standard of familiarisation and basic safety training shall be maintained by the Master of the ship and the Company.

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(2) The seafarers employed or engaged in any capacity on board on the business of the ship as a part of the ship's complement with designated safety or pollution prevention duties in the operation of the ship shall undergo approved basic training in Personal Survival Techniques (Table A-VI/1-1 in the STCW Code), Fire Prevention and Fire Fighting (Table A-VI/1-2 in STCW Code), Elementary First Aid (Table A-VI/1-3 in STCW Code) and Personal Safety and Social Responsibilities (Table A-VI/1-4 in STCW Code). The Director General shall issue a Certificate of Proficiency in basic training at the completion of above courses.

(3) The Seafarers qualified in accordance with sub-paragraphs (4) to (12) (excluding sub-paragraphs (6), (7) and (11)) below shall be required, every 5 years, to undergo approved revalidation or refresher and upgrading training, as determined by the Director General, and meet the required standards of competence, to undertake the tasks, duties and responsibilities listed in column 1 of the respective Tables of the STCW Code.

(4) Every candidate for a certificate of proficiency in personal survival techniques shall:

- (a) attend an approved training course in personal survival techniques; and
- (b) meet the standard of competence set out in Table A-VI/1-1 of the STCW Code.

(5) Every candidate for a certificate of proficiency in fire prevention and fire fighting shall: (a) attend an approved training course in fire prevention and fire fighting; and

- (b) meet the standard of competence set out in Table A-VI/1-2 of the STCW Code.

(6) Every candidate for a certificate of proficiency in elementary first aid shall-

- (a) attend an approved training course in elementary first aid; and
- (b) meet the standard of competence set out in Table A-VI/1-3 of the STCW Code.

(7) Every candidate for a certificate of proficiency in personal safety and social responsibilities shall-

- (a) attend an approved training course in personal safety and social responsibilities; and

- (b) meet the standard of competence set out in Table A-VI/1-4 of the STCW Code.

(8) Every candidate for a certificate of proficiency in survival craft and rescue boats other than fast rescue boats shall-

- (a) be not less than eighteen (18) years of age on the date of completion of the course;

- (b) have approved sea going service of not less than 12 months or have attended an approved pre-sea training course and have approved sea-going service of not less than 6 months;

- (c) attend an approved training course on proficiency in survival craft and rescue boats other than fast rescue boats; and.

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(d) meet the standard of competency specified in section A-VI/2, paragraphs 1 to 4 of the STCW Code.

(9) Every candidate for a certificate of proficiency in fast rescue boats shall:

(a) be a holder of a certificate of proficiency in survival craft and rescue boats other than fast rescue boats;

(b) attend an approved training course of proficiency in fast rescue boats; and

(c) meet the standard of competency for certificate of proficiency in fast rescue boats set out in section A-VI/2, paragraphs 7 to 10 of the STCW Code.

(10)(a) The seafarers designated to control fire fighting operations shall hold a certificate of proficiency in advanced fire fighting.

(b) Every candidate for a certificate of proficiency in advanced fire fighting shall:

(i) attend an approved training course in advanced fire fighting; and

(ii) meet the standard of competency specified in section A-VI/3, paragraphs 1 to 4 of the STCW Code.

(11)(a) The seafarers designated to provide medical first aid on board ship shall hold a certificate of proficiency in medical first aid.

(b) Every candidate for a certificate of proficiency in medical first aid shall-

(i) attend an approved training course in medical first aid; and

(ii) meet the standard of competence specified in section A-VI/4, paragraphs 1 to 3 of the STCW Code.

(12)(a) The seafarers designated to take charge of medical care on board ship shall hold a certificate of proficiency in medical care.

(b) Every candidate for a certificate of proficiency in medical care shall-

(i) attend an approved training course in medical care; and

(ii) meet the standard of competence specified in section A-VI/4, paragraphs 4 to 6 of the STCW Code.

(13)(a) The Seafarers designated as ship security officers shall hold a certificate of proficiency for ship security officer.

(b) Every candidate for a certificate of proficiency for ship security officer shall-

(i) have approved seagoing service of not less than 12 months or appropriate seagoing service and knowledge of ship operations;

(ii) attend an approved training course in ship security; and



## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(iii) meet the standard of competence specified in section A-VI/5, paragraphs 1 to 4 of the STCW Code.

(14)(a) Before being assigned to shipboard duties, all persons employed or engaged on a sea going ship which is required to comply with the provisions of the ISPS Code, other than passengers, shall receive approved security-related familiarization training, taking account of the guidance given in part B of the STCW Code, to be able to-

- (i) report a security incident, including a piracy or armed robbery threat or attack;
- (ii) know the procedures to follow when they recognize a security threat; and
- (iii) take part in security-related emergency and contingency procedures.

(b) The seafarers with designated security duties engaged or employed on a seagoing ship shall, before being assigned such duties, receive security-related familiarization training in their assigned duties and responsibilities, taking into account the guidance given in part B of the STCW Code.

(c) The security-related familiarization training shall be conducted by the ship security officer or an equally qualified person.

(d) The seafarers employed or engaged in any capacity on board a ship which is required to comply with the provisions of the ISPS Code on the business of that ship as part of the ship's complement without designated security duties shall, before being assigned to any shipboard duties-

- (i) receive appropriate approved training or instruction in security awareness as set out in Table A-VI/ 6-1 of the STCW Code;
- (ii) be required to provide evidence of having achieved the required standard of competence to undertake the tasks, duties and responsibilities listed in column 1 of Table A-VI/6-1 of the STCW Code-

(aa) by demonstration of competence, in accordance with the methods and the criteria for evaluating competence tabulated in columns 3 and 4 of Table A-VI/6-1 of the STCW Code; and

(bb) by examination or continuous assessment as part of an approved training programme in the subjects listed in column 2 of Table A-VI/6-1 of the STCW Code.

(e) Every seafarer who is designated to perform security duties, including anti-piracy and anti-armed-robbery related activities, shall be required to demonstrate competence to undertake the tasks, duties and responsibilities listed in column 1 of Table A-VI/6-2 of the STCW Code.

(f) The level of knowledge of the subjects in column 2 of Table A-VI/6-2 of the STCW Code shall be sufficient to enable every candidate to perform on board designated security duties, including anti-piracy and anti-armed-robbery related activities.

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(g) Every candidate for certification shall be required to provide evidence of having achieved the required standard of competence through-

- (i) demonstration of competence to undertake the tasks, duties and responsibilities listed in column 1 of Table A-VI/6-2 of the STCW Code, in accordance with the methods for demonstrating competence and the criteria for evaluating competence tabulated in columns 3 and 4 of that Table; and
- (ii) examination or continuous assessment as part of an approved training programme covering the material set out in column 2 of Table A-VI/6-2 of the STCW Code.

(h) In circumstances of exceptional necessity, when the shipboard security-related duties are required to be undertaken by a person qualified to perform designated security-related duties and such a person is temporarily unavailable, the Director General may permit a seafarer without designated security duties to perform such duties provided such a person has an understanding of the ship security plan, until the next port of call or for a period of not exceeding 30 days, whichever is greater.

### **Recognition of certificates issued by other countries**

26.—(1) Director General shall ensure that the provisions of this regulation are complied with, in order to recognize, by endorsement in accordance with regulation I/2, paragraph 7 of STCW Convention, a certificate issued by or under the authority of another Party to a master, officer or radio operator and that:

- (a) The Director General has confirmed, through an evaluation of that Party, which may include inspection of facilities and procedures, that the requirements of the Convention regarding standards of competence, training and certification and quality standards are fully complied with; and
- (b) an undertaking is agreed with the Party concerned that prompt notification will be given of any significant change in the arrangements for training and certification provided in compliance with the Convention.

(2) The measures shall be established to ensure that seafarers who present, for recognition, certificates issued under the provisions of regulations II/2, III/2 or III/3, or issued under regulation VII/1 of the STCW Convention at the management level, as defined in the STCW Code, have an appropriate knowledge of the maritime legislation of Bangladesh relevant to the functions they are permitted to perform.

(3) The information provided and measures agreed upon under this regulation shall be communicated to the Secretary-General of IMO by the Director General in conformity with the requirements of regulation I/7 of the STCW Convention.

(4) The certificates issued by or under the authority of a non-Party shall not be recognized.

(5) Notwithstanding the requirement of regulation I/2, paragraph 7 of the STCW Convention, the Director General may, if circumstances require, subject to the provisions of paragraph 1, allow a seafarer to serve for a period not exceeding three months on board a ship entitled to fly its flag, while holding an appropriate and valid

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

certificate issued and endorsed as required by another Party for use on board that Party's ships but which has not yet been endorsed so as to render it appropriate for service on board ships entitled to fly the flag of Bangladesh, provided that documentary proof shall be readily available showing that an application for an endorsement has been submitted to the Director General.

(6) The certificates and endorsements issued by an Administration under the provisions of this regulation in recognition of, or attesting the recognition of, a certificate issued by another Party shall not be used as the basis for further recognition by the Director General.

### **Approved training programme**

27.—Approved training programme for Navigation Watchkeeping Officer, Engineering Watchkeeping Officer and Electro-technical Officer as required by the Convention shall mean as follows:

- (1) Approved training program as mentioned in regulation II/1 of the Convention is a training program, for candidates holding Higher Secondary Certificate or equivalent with Physics and Mathematics obtaining minimum GPA 3.00 (50% marks) from any recognised board; conducted by an approved maritime training institution where the training curriculum includes an onboard training component that meets the requirements of section A-II/1 of the STCW code and is documented in an approved training record book and consists of a total period of 36 months of which not more than 24 months may be conducted ashore in accordance with relevant IMO model course and the remaining period on board under the responsibility of the training institution and the relevant shipping company.
- (2) Approved training program as mentioned in regulation III/1 of the Convention is a training program for candidates holding Higher Secondary Certificate or equivalent with Physics and Mathematics obtaining minimum GPA 3.00 (50% marks) from any recognised board; conducted by an approved maritime training institution where the training curriculum includes a combined workshop skill training and an onboard training component that meets the requirements of section A-III/1 of the STCW code and is documented in an approved training record book and consists of a total period of 36 months of which not more than 24 months may be conducted ashore in accordance with relevant IMO model course and the remaining period on board under the responsibility of the training institution and the relevant shipping company.
- (3) Approved training program as mentioned in regulation III/6 of the Convention is a training program for candidates holding recognized trade course or Diploma certificate course of at least three years duration in electrical engineering from any recognised institution; conducted by an approved maritime training institution where the training curriculum includes a combined workshop skill training and an onboard training component that meets the requirements of section A-III/6 of the STCW code and is documented in an approved training record book and consists of a total period of 12 months of which not more than 6 months may be conducted ashore and the remaining

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

period on board under the responsibility of the training institution and the relevant shipping company.

- (4) Special training as mentioned in paragraph 4.2.1 of regulation II/3 of the Convention is a training program, for candidates holding Secondary School Certificate or equivalent with Physics and Mathematics from any recognized Board; completing 24 months of seagoing service on ships of less than 500 gross tonnage, engaged on coastal or near-coastal voyages where training curriculum is closely supervised and monitored by qualified officers on board and is adequately documented in a training record book or similar document.

### **Monitoring supervision etc.**

28.—(1) The Director General shall ensure that-

(a) the training and assessment of seafarers, as required under the STCW Convention, are administered, supervised and monitored in accordance with the provisions of section A-I/6 of the STCW Code; and

(b) those responsible for the training and assessment of competence of seafarers, as required under the STCW Convention, are appropriately qualified in accordance with the provisions of section A-I/6 of the STCW Code for the type and level of training or assessment involved; and

(c) training and assessment of seafarers, as required under the STCW Convention, are only accepted, if the training and assessment had been conducted by an Approved Maritime Training Institute (AMTI).

(2) Director General shall have the right to suspend or withdraw the approval granted to any maritime training institute or any training programme if he finds objective evidence that does not fulfil the requirements specified by the Director General.

(3) The Approved Maritime Training Institutions shall-

(a) follow the procedures and training guidelines prescribed by the Government and obtain approval prior to conducting training programmes;

(b) maintain standards set out in relevant IMO Model course as the minimum standards for a training programme unless expressly permitted by the Director General;

(c) maintain the minimum standards set out by the Director General for examination for the qualification of instructor, supervisor and assessors; and

(d) have a facility for on line verification of certificates issued by the institute with the status of the certificate.

(4) All training institutions shall comply with the requirements relating to equipment and facilities as determined by the Director General.

(5) All approved training institutions shall obtain an annual approval in order to function as an approved training institute.

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(6) Training institutions shall be audited annually by a team of auditors appointed by the Director General, for verification of compliance with the Convention, applicable regulations and standards.

### **Company responsibility**

29.—(1) The Director General shall, in accordance with the provisions of section A-1/14 of the STCW Code, hold every company which is operating ships registered in Bangladesh, or is responsible for the assignment of seafarers for service on ships in accordance with these Regulations, responsible for ensuring that-

- (a) each seafarer assigned to its ships hold an appropriate certificate in accordance with the provisions of these Regulations, issued or endorsed by the Director General;
- (b) its ships are manned in compliance with the manning requirements specified in the Merchant Shipping (Minimum Safe Manning) Regulations;
- (c) documentation and data relevant to all seafarers employed on its ships are maintained and readily accessible, and include, without being limited to, documentation and data on their experience, training, medical fitness and competency in assigned duties;
- (d) seafarers, on being assigned to any of its ships, are familiarised with their specific duties and with all ship arrangements, installations, equipment, procedures and ship characteristics that are relevant to their routine or emergency duties;
- (e) allocation of a reasonable period of time during which each newly employed seafarer is given an opportunity to become acquainted with-
  - (i) the specific equipment the seafarer will be using or operating;
  - (ii) ship specific watch keeping, safety, environmental protection, security and emergency procedures and arrangements the seafarer needs to know to perform the assigned duties properly;
- (f) radio operators are familiarized with the ship's radio equipment prior to taking over duties as a radio operator;
- (g) the ship's complement can effectively coordinate their activities in an emergency situation and in performing functions vital to safety, security or to the prevention or mitigation of pollution;
- (h) the master confirms availability on board at all times of all original certificates and related documents issued pursuant to the Convention indicating the qualifications of any member of the crew to perform designated functions;
- (i) texts of the Merchant Shipping Act, 2020, International instruments and enabling regulations are placed on board;



## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(j) effective oral communication is maintained at all times on board its ships in accordance with relevant regulation of the International Convention for the Safety of Life at Sea, 1974 ( SOLAS), as amended;

(k) Masters, officers and other personnel assigned specific duties and responsibilities onboard their ro-ro passenger ships shall have completed familiarization training to attain the abilities that are appropriate to the capacity to be filled and duties and responsibilities to be taken up, taking into account the guidance given in section B-I/14 of the Code.

(2) Companies shall ensure that seafarers are provided updating or refresher training in order to update their knowledge in accordance with the changes to STCW Code and other relevant instruments including industry updates and developments.

(3) Companies shall ensure that masters and officers on board their passenger ships shall have completed familiarization training to attain the abilities that are appropriate to the capacity to be filled and duties and responsibilities to be taken up, taking into account the guidance given in section B-I/14, paragraph 3 of this Code.

### **Hours of work**

30.—(1) The Company shall, for the prevention of fatigue, ensure that all persons who are assigned duty as an officer in charge of a watch or as a rating forming part of a watch and those whose duties involve designated safety, prevention of pollution and security duties shall be provided with a rest period of not less than:

(a) a minimum of 10 hours of rest in any 24-hour period; and

(b) 77 hours in any 7-day period,

in accordance with this regulation.

(2) The hours of rest in any 24 hour period may be divided into no more than two periods, one of which shall be at least 6 hours in length, and the intervals between consecutive periods of rest shall not exceed 14 hours.

(3) The requirements for rest periods specified in sub-paragraphs (1) and (2) need not be maintained in the case of an emergency or in other overriding operational conditions. Musters, fire-fighting and lifeboat drills, and drills prescribed by national laws and regulations and by international instruments, shall be conducted in a manner that minimises the disturbance of rest periods and does not induce fatigue.

(4) The Companies and Masters shall ensure that watch schedules are posted where they are easily accessible. The schedules shall be established in a standardised format in the working language or languages of the ship and in English.

(5) When a seafarer is on call, such as when a machinery space is unattended, the seafarer shall have an adequate compensatory rest period if the normal period of rest is disturbed by call outs to work.



## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(6) The records of daily hours of rest of seafarers shall be maintained in a standardised format, in the working language or languages of the ship and in English, to allow monitoring and verification of compliance with this regulation. The seafarers shall receive a copy of the records pertaining to them, which shall be endorsed by the master or by a person authorised by the master and by the seafarers.

(7) Nothing in this regulation shall be deemed to impair the right of the master of a ship to require a seafarer to perform any hours of work necessary for the immediate safety of the ship, persons on board or cargo, or for the purpose of giving assistance to other ships or persons in distress at sea. Accordingly, the master may suspend the schedule of hours of rest and require a seafarer to perform any hours of work necessary until the normal situation has been restored. As soon as practicable after the normal situation has been restored, the Master shall ensure that any seafarers who have performed work in a scheduled rest period are provided with an adequate period of rest.

(8) The exceptions from the required hours of rest specified in sub-paragraphs(1) (b) and (2) above shall be allowed provided that the rest period is not less than 70 hours in any 7 day period. Exceptions from the weekly rest period provided for in sub-paragraph(1) (b) shall not be allowed for more than two consecutive weeks. The intervals between two periods of exceptions on board shall not be less than twice the duration of the exception.

The hours of rest provided for in sub-paragraph(1) (a) may be divided into no more than three periods, one of which shall be at least 6 hours in length and neither of the other two periods shall be less than one hour in length. The intervals between consecutive periods of rest shall not exceed 14 hours. Exceptions shall not extend beyond two 24-hour periods in any 7-day period.

Exceptions shall, as far as possible, take into account the guidance regarding prevention of fatigue in section B-VIII/1 of the STCW Code.

(9) The companies and Masters shall ensure, for the purpose of preventing alcohol abuse, a limit of not greater than 0.05% blood alcohol level (BAC) or 0.25 mg/l alcohol in the breath or a quantity of alcohol leading to such alcohol concentration for masters, officers and other seafarers while performing designated safety, security and marine environmental duties. Use of narcotic drugs is prohibited.

### **Investigation**

31.—(1) Where there is any accident or casualty such as grounding, fire, loss of life or cargo thereof or any other unusual happening on board any Bangladesh registered ship or any foreign flag ship in Bangladesh territorial waters, the event shall be reported to the Director General within twenty four hours of such occurrence by the Master, owner or local agent.

(2) The Director General shall-

(a) establish processes and procedures for the impartial investigation of any reported incompetency, act, omission or compromise to security that may pose a direct threat to safety of life or property at sea or to the marine environment by the holders of certificates or endorsements issued by the Director General in connection with their

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

performance of duties related to their certificates and for the withdrawal, suspension and cancellation of such certificates for such cause and for the prevention of fraud; and

(b) take and enforce appropriate measures to prevent fraud and other unlawful practices involving certificates and endorsements issued.

(3) The Director General may order an inquiry to be held into any such occurrence depending on the gravity of the occurrence or the public interest in the matter.

(4) The officer or officers appointed by the Director General to hold such inquiry may require witnesses to be present in person and, to give evidence at the inquiry.

(5) On the basis of the report of the inquiring officer or officers, the Director General may suspend or withdraw any Certificate of Competency or Endorsement or document issued by the Director General. However, no such action shall be taken without giving the relevant person a fair chance to defend.

(6) Where the inquiry report suggests incompetence or misconduct on the part of a seafarer to whom the Director General has not issued any certificate or endorsement the person may be prohibited from entering Bangladesh territorial waters and the State that issued any such document to such person shall be informed to take appropriate action.

(7) Where such an inquiry reveals lack of administrative, legislative and procedural control, the Director General shall take appropriate action to remedy the matter together with the relevant authorities.

(8) Any person who is in possession of a certificate as required by these regulations, which is found to be a forgery with a view to impersonation, or to have been obtained by fraudulent means, shall be guilty of an offence and on conviction by a court of law shall be liable to a fine not exceeding one hundred thousand penalty units or to imprisonment for a term not exceeding two years, or to both such fine and imprisonment. The Director General may suspend such person from performing sea duties for a period not exceeding five years.

(9) Any person holding a certificate issued under these regulations found guilty by a court of law of misconduct with regard to the management or operation or safe navigation of a ship shall be liable on conviction to a fine not exceeding one hundred thousand penalty units or to imprisonment for a term not exceeding six months or to both such fine and imprisonment.

(10) Any Master engaging a crew member not holding a certificate required by these Regulations or any person aiding and abetting such a Master shall be guilty of an offence and on conviction by a court of law shall be liable to a fine not exceeding one hundred thousand penalty units or to imprisonment for a term not exceeding one year or to both such fine and imprisonment.

(11) A Master who has allowed any function or service in any capacity required by these Regulations to be performed by a person holding a prescribed certificate, to be performed by a person not holding such a certificate or a valid dispensation or

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

documentary proof as required by these Regulations except for training under supervision or in cases of force majeure, or any person who aids and abets such a Master in this regard shall be guilty of an offence and on conviction by a court of law shall be liable to a fine not exceeding one hundred thousand penalty units or to imprisonment for a term not exceeding two years or to both such fine and imprisonment.

(12) If a person holding a certificate under these Regulations appears to the Director General to be incompetent with regard to the management or operation or safe navigation of a ship, the Director General may suspend or cancel or revoke such certificate.

(13) If a person holding a certificate under these regulations fails to perform the duties appropriate to such certificate, the Director General may suspend or cancel or revoke such certificate.

(14) For the purpose of updating the knowledge of masters, officers and radio operators, the Director General shall ensure that the texts of recent changes in national and international regulations concerning the safety of life at sea, security and the protection of the marine environment are made available to ships entitled to fly the Bangladesh flag.

### **Port state control**

32.—(1) The Port State control exercised by a duly authorised control officer as set out under Article X of the Convention shall be limited to the following-

(a) verification in accordance with Article X(1) of the Convention that all seafarers serving on board who are required to be certificated in accordance with the Convention hold an appropriate certificate or a valid dispensation, or possess documentary proof that an application for an endorsement has been submitted to the Director General in accordance with regulation I/10 paragraph 5 of the Convention;

(b) verification that the numbers and certificates of seafarers serving on board are in conformity with the applicable safe manning requirements of the Flag State; and

(c) assessment, in accordance with Section A-I/4 of the Code, of the ability of the seafarers of the ship to maintain watch keeping and security standards, as appropriate, as required by the Convention if there are clear grounds for believing that such standards are not being maintained because any of the following have occurred-

(i) the ship had been involved in a collision, grounding or stranding; or

(ii) there had been a discharge of substances from the ship when under way, at anchor or at berth which is illegal under any international convention; or

(iii) the ship had been manoeuvred in an erratic or unsafe manner whereby routine measures adopted by the International Maritime Organisation or safe navigating practices and procedures have not been followed; or

(iv) the ship is otherwise being operated in such a manner as to pose a danger to persons, property or environment, or a compromise to security.

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(2) A duly authorised control officer may detain a ship under Article X of the Convention when it is determined that failure to correct any of the following deficiencies pose a danger to persons, property or the environment-

(a) failure of seafarers to hold a certificate, to have an appropriate certificate, to have a valid dispensation or to provide documentary proof that an application for an endorsement has been submitted to the Flag State Administration in accordance with regulation I/10, paragraph 5 of the Convention;

(b) failure to comply with the applicable Minimum safe manning requirement of the Flag State;

(c) failure of navigational or engineering watch arrangements to conform to the requirements specified for the ship by the Flag State;

(d) absence in a watch of a person qualified to operate equipment essential to safe navigation, safety radio communication or the prevention of marine pollution; and

(e) inability to provide for the first watch at the commencement of a voyage and for subsequent relieving watches, persons who are sufficiently rested and fit for duty.

[Quality standard, record keeping, evaluation etc.](#)

33.—The Director General shall-

(a) maintain a register or registers of all certificates and endorsements for masters, officers, and as applicable, ratings which are issued, have expired or have been revalidated, suspended, cancelled or reported lost or destroyed and of dispensation issued;

(b) make available information on the status of such certificates of competency, endorsements and dispensations to other Parties and companies which request verification of the authenticity and validity of certificates produced to them by seafarers seeking recognition of their certificates under regulation I/10 of the STCW Convention or employment onboard ship;

(c) ensure that the information on the status of information required to be available in accordance with the above paragraph (b) of this regulation shall be made available, in the English language, through electronic means. The Director General shall comply with section A-I/2, paragraphs 7 to 9 of the Code while developing electronic access to registers and databases for certificate registration;

(d) Director General shall ensure that-

(i) in accordance with the provisions of section A-I/8 of the STCW Code, all training, assessment of competence, certification, including medical certification, endorsement and revalidation activities carried out by non-governmental agencies or entities under his authority are continuously monitored through a quality management system to ensure achievement of

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

defined objectives, including those concerning the qualifications and experience of instructors and assessors; and

(ii) where governmental agencies or entities perform such activities, there shall be a quality standards system;

(e) The Director General shall also ensure that an evaluation is periodically undertaken, in accordance with the provisions of section A-I/8 of the STCW Code, by qualified persons who are not themselves involved in the activities concerned. This evaluation shall include all changes to national regulations and procedures in compliance with the amendments to the Convention and STCW Code, with dates of entry into force later than the date information was communicated to the Secretary-General; and

(f) A report containing the results of the evaluation required by paragraph (e) shall be communicated to the Secretary-General of the International Maritime Organization in accordance with the format specified in section A-I/7 of the STCW Code.

### **Medical fitness**

**34.—** (1) The Director General shall establish standards of medical fitness for seafarers and procedures for the issue of a medical certificate in accordance with the provisions of this regulation and of section A-1/9 of the STCW Code and Table A-1/9 of the Convention.

(2) The Director General shall ensure that those responsible for assessing the physical abilities for seafarers are medical practitioners recognized by the Director General for the purpose of seafarer medical examinations, in accordance with the provisions of this regulation and of section A-I/9 of the STCW Code and Table A-1/9 of the Convention.

(3) Every seafarer holding a certificate issued under the provisions of the Convention, who is serving at sea, shall also hold a valid medical certificate issued in accordance with the provisions of this regulation and of section A-1/9 of the STCW Code.

(4) Every candidate for certification shall-

(a) be not less than 16 years of age;

(b) provide satisfactory proof of identity; and

(c) meet the applicable medical fitness standards established by Director General as provided in the Table A-1/9 of the Convention.

(5) The medical certificates shall remain valid for a maximum period of two years unless the seafarer is under the age of 18, in which case the maximum period of validity shall be one year.

(6) If the period of validity of a medical certificate expires in the course of a voyage, then the medical certificate shall continue in force until the next port of call where a



## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

medical practitioner recognized by the Director General is available, provided that the period shall not exceed three months.

(7) In urgent cases, the Director General may permit a seafarer to work without a valid medical certificate until the next port of call where a medical practitioner recognized by Director General is available, provided that:

(a) the period of such permission does not exceed three months; and

(b) the seafarer concerned is in possession of an expired medical certificate of recent date.

(8) The Medical Certificate provided for in this regulation, paragraph 3, shall include at least the minimum information mentioned in Section A-I/9 paragraph 7 of the STCW Code and shall be-

(a) in English Language; and

(b) in Director General approved format

### **Watchkeeping**

**35.—**(1) The Masters, Chief Engineer Officers, watch-keeping personnel and Companies shall adhere to the requirements, principles and guidance set out in the STCW Code, Section A-VIII/2 which shall be observed to ensure that a safe continuous watch or watches appropriate to the prevailing circumstances and conditions are maintained on all seagoing ships at all times.

(2) The Master of every ship shall ensure that watchkeeping arrangements are adequate for maintaining a safe watch or watches, taking into account the prevailing circumstances and conditions and that, under the master's general direction-

(a) officers in charge of a navigational watch are responsible for navigating the ship safely during their period of duty, when they shall be physically present on the navigating bridge or in a directly associated location such as the chartroom or bridge control room at all times;

(b) radio operators are responsible for maintaining a continuous radio watch on appropriate frequencies during their periods of duty;

(c) officers in charge of an engineering watch, as defined in the STCW Code, under the direction of the chief engineer officer, shall be immediately available and on call to attend the machinery spaces and, when required, shall be physically present in the machinery space during their periods of responsibility;

(d) an appropriate and effective watch or watches are maintained for the purpose of safety at all times, while the ship is at anchor or moored and, if the ship is carrying hazardous cargo, the organization of such watch or watches takes full account of the nature, quantity, packing and stowage of the hazardous cargo and of any special conditions prevailing onboard, afloat or ashore; and

(e) as applicable, an appropriate and effective watch or watches are maintained for the purpose of security.



# **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

## **Implementation audit**

**36.—**(1) The Director General shall use the provisions of the Code for implementation of the IMO Convention and in the execution of his obligations and responsibilities contained in the Convention.

(2) The administration shall be subjected to periodic audits by the Organization in accordance with the audit standard to verify compliance with and implementation of the Convention.

(3) The Director General shall facilitating the conduct of the audit and implementation of a programme of actions to address the findings, based on the guide lines developed by the Organization.

(4)The audit shall be-

- (a) based on an overall schedule developed by the Secretary-General of the Organization, taking into account the guidelines developed by the Organization; and
- (b) conducted at periodic intervals, taking into account the guidelines developed by the Organization.

## **Qualifications and Experiences of Chief Examiners, Examiners and Instructors**

**37.—** (1)Qualifications and experiences of the examiners engaged in conducting certificate of competency examinations of Deck Officers and Marine Engineer Officer shall be as follows:-

- (a) Examiner responsible for conducting Deck Officer Certificate of Competency Examination shall hold Deck Officer Class-1 (Master Mariner) Certificate of Competency and shall have two years experience as Master of foreign going vessel;
- (b) Examiner responsible for conducting Marine Engineer Officer Certificate of competency Examination shall hold Marine Engineer Officer Class-1 (Chief Engineer) Certificate of Competency and shall have two years experience as Chief Engineer Officer of foreign going vessel;
- (c) Examiner for conducting examination on subjects concerning practical training, shall have the practical experiences of discharging responsibilities on board ship in the related matter; and,
- (d) Shall hold certificate of 'Proficiency in Maritime Training and Assessment'.

(2) Qualification of the Chief Examiner: - Qualifications and experiences of the Chief Examiners responsible for conducting and controlling Deck Officer and Marine Engineer Officer Certificate of Competency Examination shall be as follows:-

## Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020

(a) Shall have to fulfil the pre-requisites of discharging responsibilities of Examiner as per sub-paragraph (1);

(b) Shall have at least two year's experience as Examiner.

(3) Qualification and Experiences of the instructors responsible for Maritime Training. - Qualification and experience of professional instructors shall be similar to qualifications and experiences of the examiners specified in sub-rule (1) above and other instructors shall have appropriate qualification and experience in related subjects.

### Review

**38.—**(1) The Director General must from time to time—

(a) carry out a review of these Regulations,

(b) set out the conclusions of the review in a report, and

(c) publish the report.

(2) In carrying out the review the Director General must, so far as is reasonable, have regard to legislation of other IMO member States.

(3) The report must in particular—

(a) set out the objectives intended to be achieved by the regulatory system established by

these Regulations,

(b) assess the extent to which those objectives are achieved, and

(c) assess whether those objectives remain appropriate and, if so, the extent to which they

could be achieved with a system that imposes less regulation.

(4) The first report under this regulation must be published before the end of the period of five years beginning with the day on which these Regulations come into force.

(5) Reports under this regulation are afterwards to be published at intervals not exceeding five years.

**4.—**Following paragraph to be added after the first paragraph of Appendix 2

**Minimum pass marks for a subject-** In order to qualify in a subject a candidate must obtain the minimum marks indicated below against the subject.

Serial No.	Subject	Minimum Pass Mark (%)
A)	Deck Officer Class-1 (Master Mariner) Certificate Examination	

**Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

Serial No.	Subject	Minimum Pass Mark (%)
	Oral	70
B)	Deck Officer Class-2(Chief Mate) Certificate Examination:	
	Navigational Aids	60
	Meteorology	50
	Engineering & Control System	50
	Ship Construction	60
	Business & Law	50
	Ship Stability	60
	Navigation	70
	Signaling	80
	Oral	70
C)	Deck Officer Class-3 (2 <sup>nd</sup> Mate) Certificate Examination:	
	General Ship Knowledge	60
	Cargo Operation & Stability	60
	Ocean & Offshore Navigation	70
	Coastal Navigation	70
	Meteorology	50
	Principles of Navigation	60
	Applied Science	50
	Mathematics	50
	Signaling	80
	Oral	70
D)	Deck Officer Class-4(master-near coastal voyage) certificate Examination:	
	Oral	70
E)	Deck Officer Class-5(mate-near coastal voyage)certificate Examination :	
	Shipboard Operation & Stability	60
	Navigation	70
	Signaling	70
	Oral	70
F)	Marine Engineer Officer Class-1(Chief Engineer)Certificate Examination:	
	Oral	70
G)	Chief Engineer Endorsement Examination on Marine Engineer Officer Class-2 Certificate :	
	Oral	70
H)	Marine Engineer Officer Class-2(Second Engineer)Certificate	

**Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

Serial No.	Subject	Minimum Pass Mark (%)
	Examination :	
	Applied Mechanics	50
	Applied Heat	50
	Electro-technology	50
	Naval Architecture	50
	Machine Drawing	50
	Engineering Knowledge (General)	50
	Engineering Knowledge (Motor)	50
	Oral	70
I)	Marine Engineer Officer Class-3(3 <sup>rd</sup> Engineer)Certificate Examination :	
	Applied Mechanics	50
	Applied Heat	50
	Electro-technology	50
	Naval Architecture	50
	Mathematics	50
	Engineering Knowledge (General)	50
	Engineering Knowledge (Motor)	50
	Oral	70
J)	Marine Engineer Officer Class-4(Chief Engineer Officer-Coastal Voyage) Certificate Examination:	
	Oral	70
K)	Marine Engineer Officer Class-5 (Engineer Officer-Coastal Voyage) Certificate Examination:	
	Naval Architecture	50
	Machine Drawing	50
	Engineering Knowledge (General)	50
	Engineering Knowledge (Motor)	50
	Oral	70
L)	Marine Electro-Technical Officer Certificate Examination:	
	Oral	70
M)	Junior Marine Electro-Technical Officer Certificate Examination:	
	Oral	70

**Subject exemption for various grades-** (1) Candidate having Maritime Science (Nautical) Degree from Marine Academy or equivalent pre-sea training or degree in Nautical Science from any approved Merchant Marine training Institute or candidate having B.SC. Degree with Physics and Mathematics or any candidate having commissioned in the executive branch of Bangladesh Navy shall be exempted from

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

examination in Mathematics and Applied Science subjects for Deck Officer Class-3 certificate of competency examination, provided that Mathematics and applied science subjects would have been included in the syllabus of the said candidate with similar pass marks and syllabus.

(2) Candidate having Maritime Science (engineering) Degree from Marine Academy or equivalent pre-sea training or degree in Marine Engineering from any approved Merchant Marine training Institute or any candidate having degree in Marine Engineering or Naval Architecture from any recognised university, shall get exemption from examination of the following subjects for Marine Engineer Officer Class-3 certificate of competency examination, provided that following subjects would have been included in the syllabus of the said candidate with similar pass marks and syllabus; viz:-

- (a) Applied Mechanics;
- (b) Applied Heat;
- (c) Electro-Technology;
- (d) Naval Architecture;
- (e) Applied Mathematics.

(3) Candidates having degree of Mechanical Engineering from any recognised university shall get exemption from examination of the following subjects for Marine Engineer Officer Class-3 certificate of competency examination; provided that following subjects would have been included in the syllabus of the said candidate with similar pass marks and syllabus; viz:-

- (a) Applied Mechanics;
- (b) Applied Heat;
- (c) Electro-Technology; and-
- (d) Applied Mathematics.

(4) Candidates having commissioned in Mechanical Engineering core of Bangladesh Navy, shall be exempted from examinations of the Applied Heat subject for obtaining Marine Engineer Officer Class-3 certificate of competency examination; provided that Applied Heat subject would have been included in the syllabus of the said candidate with similar pass marks and syllabus.

(5) Candidates holding certificate of competency as Fishing Vessel Skipper, shall be exemption from appearing the following subjects in the Deck Officer Class-3 certificate of competency examination, provided that following subject would have been included in the syllabus with similar pass marks and syllabus and the date of qualifying in the said subjects shall be with in preceding 5 (five) years of date of issuance of Deck Officer Class-3 Certificate of Competency, viz.,

- (a) Ocean and Offshore Navigation;
- (b) Coastal Navigation;
- (c) Principles of Navigation.

## **Bangladesh Merchant Shipping Officers and Ratings Training, Certification, Recruitment, Work Hours and Watchkeeping (Amendment) Regulations 2020**

(6) Candidate holding certificate of competency as Fishing Vessel Engineer officer Class-1, shall be exempted from subjects of written examination in obtaining Marine Engineer officer Class-3 Certificate of Competency; provided that subjects would have been included in the syllabus with similar pass marks and syllabus, and the date of qualifying in the said subjects shall be within preceding 5 (five) years of date of issuance of Marine Engineer officer Class-3 Certificate of Competency.

5.—Appendix 3 and Appendix 4 to be deleted

6.—Appendix 5 to be renamed Appendix 3

7.—Appendix 6 to be renamed Appendix 4

8.—Appendix 7 to be deleted

Made this 16<sup>th</sup> day of March, 2020

Director General  
Department of Shipping