

**Regulation of Marine Department  
on Examination for Seafarers  
B.E. 2532 (1989)**

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By the virtue of Section 279 of the Navigation in Thai Waters Act B.E. 2456, amended by Section 20 of the Navigation in Thai Waters Act (No.13) B.E. 2525, Director General of Marine Department, with the approval of the Minister of Transport, hereby issues Regulation of Marine Department on Examination for Seafarers as follows:

**Clause 1** These regulations shall be called “Regulation of Marine Department on Examination for Seafarers B.E. 2532”.

**Clause 2<sup>1</sup>** The Regulations shall come into force from the publication date in the Government Gazette onwards.

**Clause 3** The following regulations shall be repealed:

(1) Regulation of Marine Department on Training Courses and Competency of B.E. 2507;

(2) Regulation of Marine Department on Examination for Seafarers B.E. 2526;

(3) Regulation of Marine Department on Examination for Seafarers B.E. 2528;

(4) Only Annex 2, Examination Fee for Navigators and Engineers, in Regulating Rule of Ship Inspection (No.5) B.E. 2506;

(5) All rules or regulations which are contrary to or inconsistent with this Regulation.

**Clause 4** In this Regulation, without other explicit statements, “**Director General**” means the Director General of Marine Department.

“**Certificate**” means Certificate of Knowledge and Abilities issued by Marine Department according to this Regulation.

“**Vessel Control**” means to proceed on the duties of Master or Steersman.

“**Official Ship**” means official ships for non-commercial use.

“**Military Ship**” means ships which are stated in the Ratio of Navy Vessels.

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<sup>1</sup> Government Gazette Volume 106/ Special Section 80/ Page1/ 22 May B.E. 2532 (1989)

“**Chief Engineer Officer**” means the top-ranked engineer officer on the ship responsible for the ship propelling engine, machinery and all types of electric machines on the ship.

“**Second Engineer Officer**” means engineer officer on the ship in the position subordinated to the chief engineer officer.

“**Engineer Officer**” means the ship officer who has the Marine Department Certificate not less than level of Special First Class Engine Operator.

“**Watchkeeping Officer**” means lead officer of Deck or Engine Department who has duties and responsibilities on each shift.

“**Na-vin Department**” means the navy soldier responsible for management and operation of the Deck Department.

“**Ka-lin Department**” means the navy soldier responsible for management and operation of the Engine Department.

## **CHAPTER 1 DECK DEPARTMENT**

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### **PART 1**

#### **CLASSIFICATION OF COMPETENCY**

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**Clause 5** Classes of Certificate of Knowledge and Abilities in Deck Department from the highest to the lowest level are as follows:

- (1) Class 1 (Master Mariner)
- (2) Class 2 (First Mate)
- (3) Class 3 (Second Mate)
- (4) Class 4 (Third Mate)
- (5) Skipper of Fishing Vessel
- (6) Skipper of Local Trade Vessel
- (7) Skipper of Power Driven River Vessel
- (8) Helmsman of Power Driven Sea-going Neighbour Area Vessel
- (9) First Class Helmsman of Power Driven Sea-going Vessel
- (10) Second Class Helmsman of Power Driven Sea-going Vessel

- (11) First Class Helmsman of Power Driven River Vessel
- (12) Second Class Helmsman of Power Driven River Vessel
- (13) Helmsman of Non-self-propelled Vessel

**Clause 6** Holders of higher certificate class can work in the position which requires lesser certificate class; however,

(1) Holders of River Vessel Certificates cannot take any position which require the sea-going vessel certificates.

(2) Holders of Second Class Helmsman of Power Driven Sea-going Vessel Certificate cannot take position which requires the Certificate of First Class Helmsman of Power Driven River Vessel.

**Clause 7** Certificate may state the dispensation of vessel control duty, or the limitation of vessel type or vessel size which restrict the holders' manoeuvre ability as follows:

(1) Certificate of Mate Class specifies the working conditions as Master Mariner of the specific vessel size and voyage area according to Regulating Rule of Ship Inspection.

(2) Certificate of Skipper of Local Trade Vessel or Skipper of Power Driven River Vessel specifies the highest gross tonnage of vessel which the holder can manoeuvre.

(3) Certificate of First Class Helmsman of Power Driven Sea-going Vessel or Second Class Helmsman of Power Driven Sea-going Vessel specifies for neighbour area.

(4) Certificate of Helmsman of Non-self-propelled Vessel specifies type of sailing vessels or, sea-going sailing vessel in neighbor area.

## **PART 2**

### **METHOD OF COMPETENCY EXAMINATION**

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**Clause 8** Director General shall appoint a committee to proceed with competency examination for Deck Department.

**Clause 9<sup>2</sup>** Application submission for examination to receive certificate, or to advance to higher certificate class, applicants shall submit request form for examination application with a copy of current certificate and copies of other documents according to each certificate's requirement.

**Clause 10** Comprehensive examination of the senior students of Deck Department curriculum at Merchant Marine Training Centre, Marine Department; or comprehensive examination of the highest curriculum at Royal Thai Naval Academy (excluding Engine Department) equals to the competency examination for Class 3 (Second Mate) Certificate of Marine Department.

The students who pass the stated examination, hence, have rights to receive Class 3 (Second Mate) Certificate of Marine Department.

**Clause 11** Comprehensive examination of the third-year students of Deck Department curriculum at Merchant Marine Training Centre, Marine Department; or comprehensive examination of the third-year curriculum at Royal Thai Naval Academy (excluding Engine Department) equals to the competency examination for Class 4 (Third Mate) Certificate of Marine Department.

The students who pass the stated examination, hence, have rights to receive Class 4 (Third Mate) Certificate of Marine Department.

**Clause 12** Competency examination for Class 4 (Third Mate) for Able Seafarer Certificate, Class 4 (Third Mate) of Fishing Vessel Certificate, Skipper of Fishing Vessel for Able Seafarer Certificate, Skipper of Local Trade Vessel for Able Seafarer Certificate, and Skipper of Power Driven River Vessel for Able Seafarer Certificate, Director General shall have authority to dispense the methods of competency examination.

**Clause 13** For passing measure of the competency examination, examinees must score for each subject at least 50 percent, except for Celestial Navigation, Near Coastal Navigation, Ship Construction and Stability must score at least 60 percent.

**Clause 14** If any regulation states that examination applicants must be certificate holder of lesser level, that certificate must not expire on application date.

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<sup>2</sup> Clause 9 was amended in Regulation of Marine Department on Examination for Seafarers (No.3) B.E. 2539.

**Clause 15** If people of other nationalities require to apply competency examination for certificate of Deck Department, they must receive approval from Director General.

**Clause 16** Class 1 (Master Mariner) Certificate Examination for people who have qualifications according to Clause 21 (4); or Class 2 (First Mate) Certificate Examination for people who have qualifications according to Clause 22 (3), Director General might exempt some subject examination if the person has evidence of proficiency or sufficiently passes examination of that subject of the same certificate level.

**Clause 17** Any subject which fails the passing measure can be retaken under following conditions:

(1) Examination for Helmsman of Power Driven River Vessel Certificate, or higher certificates can be retaken no more than 2 times within 2 year period since the first examination date. Remedial exam of each subject must be later than the previous exam for at least 1 month.

(2) Examination for Helmsman of Power Driven Sea-going Neighbour Area Vessel Certificate, or lesser level certificates can be retaken no more than 2 times within 1 year period since the first examination date. Remedial exam of each subject must be later than the previous exam for at least 1 week.

**Clause 18** Director General shall have authority to compare teaching and training curriculums of institutes with the qualifications of examination application for certificates according to this Regulation.

Upon application for the same level of certificate comparison for foreign certificate holders, Director General shall have authority to individually consider for approval.

### **PART 3**

### **CURRICULUM**

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**Clause 19** Curriculum relating to competency examination of Deck Department shall conduct according to Annex 1.

## **PART 4**

### **QUALIFICATIONS OF EXAMINATION APPLICANTS**

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**Clause 20** Examination applicants must have the following qualifications:

- (1) Have Thai nationality.
- (2) No record of terrible or bad behaviour which may cause unsafe or troublesome issue on board.
- (3) No insanity or mental infirmity.
- (4) No handicap or physical disability which results in inability to work on duties.
- (5) No contagious disease.
- (6) Have good eyesight and hearing.
- (7) For qualifications of no. 3, 4, 5, and 6, applicants must submit medical certificate as evidence for consideration.

**Clause 21** Class 1 (Master Mariner) Certificate

Applicants for Class 1 (Master Mariner) Certificate must have further qualifications, apart from Clause 20, as follows:

- (1) No less than the age of 24.
- (2) A holder of Class 2 (First Mate) Certificate who has working-onboard experience in the position which requires this certificate for at least 2 years; or
- (3) A holder of Class 2 (First Mate) Certificate who used to be Master Mariner or Commanding Officer of official ship; and has working experience on cargo ship in the position which requires Class 2 (First Mate) Certificate for at least 2 years in total. However, the working experience on cargo ship must not less than 6 months. Without opportunity to operate on cargo ship, the person must pass the special training curriculum of Master Mariner at Merchant Marine Training Centre, Marine Department; or
- (4) A graduate of the highest curriculum at Deck Department of Royal Thai Naval Academy, or other equivalent institutes. The graduate used to be Commanding Officer for at least 1 year; or passed the curriculum of Commanding Officer at the Navy, and has working experience on military ship for at least 4 years.

**Clause 22** Class 2 (First Mate) Certificate

Applicants for Class 2 (First Mate) Certificate must have further qualifications, apart from Clause 20, as follows:

(1) No less than the age of 22.

(2) A holder of Class 3 (Second Mate) who has working-onboard experience in the position which requires this certificate; or used to operate as Watchkeeping Officer of Seagoing Official Ship of no less than 200 gross tonnage, or of no less than 25-metre length between perpendicular. Either one of the working experiences, or the combined working period must not less than 2 years; or

(3) A graduate of the highest curriculum at Deck Department of Royal Thai Naval Academy, or other equivalent institutes. The graduate has working experience on military ship for at least 2 years, or passed Commanding Officer curriculum or Second Officer curriculum at the Navy.

**Clause 23** Class 3 (Second Mate)

Applicants for Class 3 (Second Mate) Certificate must have further qualifications, apart from Clause 20, as follows:

(1) No less than the age of 20.

(2) Minimum graduation from high school or other equivalent curriculums.

(3) A holder of Class 4 (Third Mate) who has working-onboard experience in the position which requires this certificate for at least 2 years; or

(4) A graduate of the highest curriculum of Deck Department from the institute which has been qualified for examination application and approved by Director General.

**Clause 24** Class 4 (Third Mate) Certificate

Applicants for Class 4 (Third Mate) Certificate must have further qualifications, apart from Clause 20, as follows:

(1) No less than the age of 20.

(2) Minimum graduation from high school or other equivalent curriculums.

(3) Has working experience at sea for at least 5 years which, after 4-year working-onboard experience, has at least 1-year operation as Watchkeeping Officer of ship no less than 200 gross tonnage, or of no less than 25-metre length between perpendicular; or

(4) A holder of Skipper of Fishing Vessel Certificate, or Skipper of Local Trade Vessel Certificate, who has working-onboard experience in the position which requires this certificate for at least 1 years; or

(5) A graduate of Deck Department curriculum from the institute which Director General has qualified for examination application.

If applicants do not have qualifications according to no. (2), (3), (4) and (5) of this Clause, the applicants must have additional qualifications, apart from Clause 20, as follows:

(6) Class 4 (Third Mate) Certificate for All Vessel Types

(a) A holder of Skipper of Local Trade Vessel Certificate who has working-onboard experience in the position which requires this certificate for at least 2 years; or

(b) A holder of First Class Helmsman of Power Driven Sea-going Vessel Certificate who has working experience at sea for no less than 6 years which, after 4-year working-onboard experience, has at least 2-year operation as Watchkeeping Officer of ship no less than 200 gross tonnage.

The certificate, which issues for whoever does not qualify according to the required qualifications but has qualification according to no. (6), shall put “Able Seafarer” after the name of certificate class - Class 4 (Third Mate) Certificate.

(7) Class 4 (Third Mate) Certificate for Fishing Vessel Only

(a) A holder of Skipper of Local Trade Vessel Certificate, or Skipper of Fishing Vessel Certificate, who has working-onboard experience in the position which requires this certificate for at least 2 years; or

(b) A holder of First Class Helmsman of Power Driven Sea-going Vessel Certificate who has working experience at sea for no less than 6 years which, after 4-year working-onboard experience, has at least 2-year training operation as Class 1 Skipper of Fishing Vessel in Deep Sea.

The certificate, which issues for whoever does not qualify according to the required qualifications but has qualification according to no. (7), shall put “Fishing Vessel” after the name of certificate class as Class 4 (Third Mate) Certificate for Fishing Vessel Only.

**Clause 25<sup>3</sup>** (canceled)

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<sup>3</sup> Clause 25 was canceled by Regulation of Marine Department on Examination for Seafarers (No.4) B.E. 2559.



**Clause 26** Skipper of Local Trade Vessel Certificate

Applicants for Skipper of Local Trade Vessel Certificate must have further qualifications, apart from Clause 20, as follows:

- (1) No less than the age of 20.
- (2) Minimum graduation from high school or other equivalent curriculums.
- (3) Has working experience at sea for no less than 4 years.
- (4) Examination applicants for controlling ships of no more than 250 gross tonnage had to control ships larger than 30 gross tonnage for at least 2 years, or used to work as Helmsman on ships larger than 60 gross tonnage for at least 2 years; or
- (5) Examination applicants for controlling ships of no more than 500 gross tonnage must work as Skipper on ships larger than 60 gross tonnage, or Chief Mate on ships larger than 250 gross tonnage for at least 1 year; or
- (6) Examination applicants for controlling ships of no more than 1,600 gross tonnage must work as Skipper on ships larger than 250 gross tonnage, or Chief Mate on ships larger than 500 gross tonnage for at least 1 year; or
- (7) Have qualifications according to no. (1) and pass the comprehensive examination of the second-year student of Deck Department curriculum at Merchant Marine Training Centre, Marine Department; or comprehensive examination of the second-year curriculum (excluding Engine Department) at Royal Thai Naval Academy; or graduate from Phan Ja Naval Education School, and pass the examination of Commanding Officer on Small Vessels Curriculum at the Navy; or pass the special training curriculum of Deck Department at Merchant Marine Training Centre, Marine Department.

If applicants do not have qualifications according to no. (2), (3), (4), (5), (6), and (7) of this Clause, the applicants must have additional qualifications, apart from Clause 20, as follows:

- (8) No less than the age of 25.
- (9) A holder of no less than First Class Helmsman of Power Driven Sea-Going Vessel Certificate; or lesser Skipper of Local Trade Vessel Certificate with working experience at sea for no less than 6 years.
- (10) Examination applicants for controlling ships of no more than 250 gross tonnage had to control ships larger than 30 gross tonnage for at least 4 years; or used to work as Helmsman on ships larger than 60 gross tonnage for at least 4 years.

(11) Examination applicants for controlling ships of no more than 500 gross tonnage must work as Skipper on ships larger than 60 gross tonnage, or Chief Mate on ships larger than 250 gross tonnage for at least 2 years.

(12) Examination applicants for controlling ships of no more than 1,600 gross tonnage must work as Skipper on ships larger than 250 gross tonnage, or Chief Mate on ships larger than 500 gross tonnage for at least 2 years.

The certificate, which issues for whoever has qualifications according to no. (8), (9), (10), (11), and (12), shall put "Able Seafarer" after the name of certificate class-Skipper of Local Trade Vessel Certificate.

### **Clause 27** Skipper of Power Driven River Vessel

Applicants for Skipper of Power Driven River Vessel Certificate must have further qualifications, apart from Clause 20, as follows:

(1) No less than the age of 20.

(2) Minimum graduation from middle school or other equivalent curriculums.

(3) Examination applicants for controlling ships of no more than 250 gross tonnage had to control power driven ships larger than 30 gross tonnage; or be Chief Mate, or Skipper Assistant on power driven ships larger than 60 gross tonnage for at least 1 year.

(4) Examination applicants for controlling all sizes of ships must work as Skipper on power driven ships larger than 60 gross tonnage, or work as Chief Mate, or Skipper Assistant on power driven ships larger than 250 gross tonnage for at least 1 year; or

(5) Have qualifications according to no. (1) and pass the occupational curriculum examination of Chief Petty Officer First Class at the Navy; or pass the special training curriculum of Deck Department at Merchant Marine Training Centre, Marine Department.

If applicants do not have qualifications according to no. (2), (3), (4), and (5) of this Clause, the applicants must have additional qualifications, apart from Clause 20, as follows:

(6) A holder of First Class Helmsman of Power Driven River Vessel Certificate.

(7) No less than the age of 25.

(8) Examination applicants for controlling ships of no more than 250 gross tonnage had to control power driven ships larger than 30 gross tonnage; or be Chief Mate, or Skipper Assistant on power driven ships larger than 60 gross tonnage for at least 2 year.

(9) Examination applicants for controlling all sizes of ships must work as Skipper on power driven ships larger than 60 gross tonnage, or work as Chief Mate, or Skipper Assistant on power driven ships larger than 250 gross tonnage for at least 2 year.

The certificate, which issues for whoever has qualifications according to no. (6), (7), (8), and (9), shall put “Able Seafarer” after the name of certificate class - Skipper of Power Driven River Vessel Certificate.

**Clause 28** Helmsman of Power Driven Sea-going Neighbour Area Vessel Certificate

Applicants for Helmsman of Power Driven Sea-going Neighbour Area Vessel Certificate must have further qualifications, apart from Clause 20, as follows:

(1) No less than the age of 25.

(2) Minimum graduation from elementary school or other equivalent curriculums.

(3) A holder of Second Class Helmsman of Power Driven Sea-going Vessel Certificate, or First Class Helmsman of Power Driven Sea-going Vessel Certificate, who has working-onboard experience in the position which requires the certificate for at least 1 year; or

(4) Pass the special training curriculum of Deck Department at Merchant Marine Training Centre, Marine Department.

**Clause 29** First Class Helmsman of Power Driven Sea-going Vessel Certificate

Applicants for First Class Helmsman of Power Driven Sea-going Vessel Certificate must have further qualifications, apart from Clause 20, as follows:

(1) No less than the age of 19.

(2) Capability of literacy.

(3) A holder of Second Class Helmsman of Power Driven Sea-going Vessel Certificate with experience of controlling sea-going ships for at least 1 year; or

(4) Used to work on sea-going ships larger than 30 gross tonnage for at least 3 years; or

(5) Have qualifications according to no. (1); and Naval Rating Students of Phan Ja Naval Education School who pass the comprehensive examination of Deck Department, or whoever pass the competency examination according to the occupational curriculum of Chief Petty Officer First Class at the Navy, or pass the special training curriculum of Deck Department at Merchant Marine Training Centre, Marine Department.

**Clause 30** Second Class Helmsman of Power Driven Sea-going Vessel Certificate

Applicants for First Class Helmsman of Power Driven Sea-going Vessel Certificate must have further qualifications, apart from Clause 20, as follows:

- (1) No less than the age of 18.
- (2) Capability of literacy.
- (3) Have working experience on sea-going vessels for at least 2 years; or
- (4) Pass the comprehensive examination of rating curriculum from Deck Department, Merchant Maritime Centre, Marine Department; or
- (5) Pass the competency examination according to the occupational curriculum of Chief Petty Officer First Class at the Navy.

**Clause 31** First Class Helmsman of Power Driven River Vessel

Applicants for First Class Helmsman of Power Driven River Vessel Certificate must have further qualifications, apart from Clause 20, as follows:

- (1) No less than the age of 18.
- (2) Capability of literacy.
- (3) Holders of Second Class Helmsman of Power Driven River Vessel Certificate, or Second Class Helmsman of Power Driven Sea-going Vessel Certificate, who used to control ship for at least 1 year; or
- (4) Have working experience on ship larger than 30 gross tonnage for at least 3 years; or
- (5) Pass the competency examination according to the general occupational curriculum of Helmsman of Power Driven Vessel at the Navy.

**Clause 32** Second Class Helmsman of Power Driven River Vessel Certificate

Applicants for Second Class Helmsman of Power Driven River Vessel Certificate must have further qualifications, apart from Clause 20, as follows:

- (1) No less than the age of 18.
- (2) Capability of literacy.

**Clause 33** Helmsman of Non-self-propelled Vessel Certificate

Applicants for Helmsman of Non-self-propelled Vessel Certificate must have further qualifications, apart from Clause 20, as follows:

(1) No less than the age of 18.

(2) Have working experience on the ship type, in which they shall control, for at least 1 year.

**Clause 34** Working experience at sea, working period of the position, and training-onboard duration.

(1) Working experience at sea means the operation of Master or Rating on sea-going vessel which pass the internal maritime territory and/or port territory. These period must be within 10 years prior the first examination application.

(2) Period calculation of working-onboard at sea, working in a position which requires certificate, or training-onboard shall count by the periods which appear on seafarer agreement or Seaman Book.

(3) Period of working-onboard at sea, working in a position which requires a certain certificate class, or training-onboard might be lessened no more than 6 months if applicants pass the approved special training curriculum by Director General.

(4) Applicants who work onboard on ship of foreign flag state, or non-commercial ship, which Seafarers Section of Water Transport Supervision Division<sup>i</sup> cannot examine the working period, must submit evidence or confirmation document from the flag state authorities, Master, or ship owner. The credibility of evidence or confirmation document is under Director General's consideration.

**Clause 35** Holders of any certificate class issued by foreign state issuance who apply for the same class competency examination under this Regulation must:

(1) Have qualifications as prescribed in this Regulation except the conditions which require applicants to previously be certificate holders of lesser level.

(2) Examination applicants for Class 1 (Master Mariner) and Class 2 (First Mate) Certificates must submit educational evidence of minimum graduation from high school or other equivalent curriculums.

**Clause 36** Examination applicants for Class 1 (Master Mariner) or Class 2 (First Mate) Certificate; or confirmation document of working as Master Mariner in area of Southeast Asia or neighbour countries must show certificate of training from the approved institutes by Director General as follows:

(1) Radar Simulator Certificate

(2) Ship Captain's Medical Training Certificate

**Clause 37** Examination applicants for Class 3 (Second Mate) or Class 4 (Third Mate) Certificate must show certificate of training from the approved institutes by Director General as follows:

- (1) Radar Observer Certificate
- (2) First Aid at Sea Certificate
- (3) Fire Fighting Course Certificate
- (4) Electronic Navigational Aids (Operation) Certificate
- (5) Efficient Lifeboatman Certificate
- (6) Restricted Certificate of Competence in Radio Telephony

**Clause 38** Examination applicants for Skipper of Local Trade Vessel Certificate must show certificate of training from the approved institutes by Director General as follows:

- (1) Fire Fighting Course Certificate
- (2) First Aid at Sea Certificate
- (3) Efficient Lifeboatman Certificate

## **PART 5**

### **EXAMINATION FEES**

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**Clause 39** Applicants shall pay examination fees according to the following rates:

(1) Class 1 (Master Mariner) Certificate	800 THB
(2) Class 2 (First Mate) Certificate	600 THB
(3) Class 3 (Second Mate) Certificate	500 THB
(4) Class 4 (Third Mate) Certificate	400 THB
(5) Skipper of Fishing Vessel Certificate	400 THB
(6) Skipper of Local Trade Vessel Certificate	300 THB
(7) Skipper of Power Driven River Vessel Certificate	200 THB
(8) Helmsman of Power Driven Sea-going Neighbour Area Vessel Certificate	150 THB
(9) First Class Helmsman of Power Driven Sea-going Vessel Certificate and First Class Helmsman of Power Driven River Vessel Certificate	150 THB
(10) Second Class Helmsman of Power Driven Sea-going Vessel Certificate and Second Class Helmsman of Power Driven River Vessel	100 THB

(11) Helmsman of Non-self-propelled Vessel	100 THB
(12) Endorsement of Certificate	300 THB
(13) Certification fee	100 THB

**Clause 40<sup>4</sup>** Request to replace any certificate class must pay half of the stated rate in Clause 39.

Retaking examination must pay 10 THB for each subject.

**Clause 41** In case of lost or damaged certificate due to shipwreck incident: if the certificate holders who were stationed on the wrecked ship can provide credible evidence, the holders shall be exempt from replacement certificate fee according to Clause 39.

## **PART 6**

### **CERTIFICATION**

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**Clause 42** Form of certificate shall be according to the Regulation's appendix.

**Clause 43** Receivers of a certain certificate class must pass the required examination programme for that class.

**Clause 44** Receivers of any certificate must return the previous certificate in their possession (if have).

**Clause 45** Replacement Certificate shall be issued under the following conditions:

(1) When certificates were lost or damaged, the certificate holders shall provide the evidence of Police Report.

(2) Certificates were blurry or decaying in significant part.

**Clause 46<sup>5</sup>** (canceled)

**Clause 47** Certificate which was issued before this Regulation's enforcement can use until its date of expiration. When it expires, the authorities shall issue new

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<sup>4</sup> Clause 40 was amended in Regulation of Marine Department on Examination for Seafarers (No.3) B.E. 2539.

<sup>5</sup> Clause 46 was canceled by Regulation of Marine Department on Examination for Seafarers (No.3) B.E. 2539.

certificate by comparing between the certificate level under the previous regulation and this Regulation as follows:

<u>Class of Certificate</u> <u>Under the previous Regulation</u>	<u>Class of Certificate</u> <u>Under this Regulation</u>
No.1 Master of Vessel Engaged on International Voyages	Equals to Class 1 (Master Mariner)
No.2 First Mate of Vessel Engaged on International Voyages	Equals to Class 2 (First Mate) (Act as Master under conditions)
No.3 Second Mate of Vessel Engaged on International Voyages	Equals to Class 3 (Second Mate) Act as Master under conditions)
No.4 Second Mate of Vessel Engaged on International Voyages (Restricted Vessel)	Equals to Class 4 (Third Mate)
No.5 First Class Skipper of Fishing Vessel, Second Class Skipper of Fishing Vessel	Equals to Skipper of Fishing Vessel
No.6 First Class Skipper of Sea-going Vessel Engaged in Restricted Area	Equals to Skipper of Local Trade Vessel
No.7 First Class Skipper of Power Driven River Vessel	Equals to Skipper of Power Driven River Vessel (Same gross tonnage as prescribed in the old regulation)
No.8 Skipper of Power Driven Sea-going Neighbour Area Vessel	Equals to Helmsman of Power Driven Sea-going Neighbour Area Vessel (Same gross tonnage as prescribed in the old regulation)
No.9 First Class Helmsman of Fishing Vessel, First Class Helmsman of Sea-going Vessel Engaged on Near-Coastal Voyages	Equals to First Class Helmsman of Power Driven Sea-going Vessel
No.10 Second Class Helmsman of Fishing Vessel, Second Class Helmsman of Sea-going Vessel Engaged on Near-Coastal Voyages	Equals to Second Class Helmsman of Power Driven Sea-going Vessel
No.11 First Class Helmsman of Power Driven River Vessel	Equals to First Class Helmsman of Power Driven River Vessel
No.12 Second Class Helmsman of Power Driven River Vessel	Equals to Second Class Helmsman of Power Driven River Vessel
No.13 Captain of Sea-going Sailboat Engaged in	Equals to Helmsman of Non-self-propelled Vessel



## **CHAPTER 2 ENGINE DEPARTMENT**

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### **PART 1**

#### **CLASSIFICATION OF COMPETENCY**

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**Clause 48** Certificates of Knowledge and Abilities in Engine Department have 3 types as follows:

(1) Machinery Type - holders of this certificate type can work on ships powered by main propulsion machinery.

(2) Boiler Type - holders of this certificate type can work on ships powered by main propulsion boiler.

(3) Machinery and Boiler Type - holders of this certificate type can work on ships powered by main propulsion machinery or boiler.

**Clause 49** Classes of Certificate of Knowledge and Abilities in Deck Department from the highest to the lowest level are as follows:

(1) First Class Engineer

(2) Second Class Engineer

(3) Third Class Engineer

(4) Third Class Engineer (by Practice)

(5) Special First Class Engine Operator, or  
First Class Boiler Man for Sea-going Ship

(6) Special First Class Engine Operator (by Practice)

(7) First Class Engine Operator,  
Second Class Boiler Man for Sea-going Ship, or  
First Class Boiler Man for Self-propelled River Vessel

(8) Second Class Engine Operator, or  
Second Class Boiler Man for Self-propelled River Vessel

## **PART 2**

### **METHOD OF COMPETENCY EXAMINATION**

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**Clause 50** Director General shall appoint a committee to proceed with the competency examination of Engine Department.

**Clause 51**<sup>6</sup> Examination applications to receive certificate, or to advance to higher certificate class, applicants shall submit request for examination application with the copy of current certificate and the copies of other documents according to each certificate's requirement.

**Clause 52** Comprehensive examination of the senior students of Engine Department curriculum at Merchant Marine Training Centre, Marine Department; or comprehensive examination of the highest curriculum of Engine Department at Royal Thai Naval Academy equals to the competency examination for Third Class Engineer Certificate of Marine Department. The students who pass the stated examination, hence, have rights to receive Third Class Engineer Certificate of Marine Department.

**Clause 53** Comprehensive examination of the third-year students of Engine Department curriculum at Merchant Marine Training Centre, Marine Department; or comprehensive examination of the third-year curriculum of Engine Department at Royal Thai Naval Academy equals to the competency examination for Special First Class Engine Operator Certificate.

The students who pass the stated examination, hence, have rights to receive Special First Class Engine Operator Certificate.

**Clause 54** First Class Engineer Certificate Examination for people who have qualifications according to Clause 68 (3); or Second Class Engineer Certificate Examination for people who have qualifications according to Clause 69 (3), Director General might exempt some subject examination if the person has evidence of proficiency or sufficiently passes examination of that subject of the same certificate level.

**Clause 55** Competency examination for Third Class Engineer (by Practice) Certificate for Able Seafarers, Special First Class Engine Operator or First Class Boiler Man for Sea-going Ship Certificate, and Special First Class Engine Operator

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<sup>6</sup> Clause 51 was amended in Regulation of Marine Department on Examination for Seafarers (No.3) B.E. 2539.

(by Practice) Certificate for Able Seafarers, Director General shall have authority to dispense the methods of competency examination.

**Clause 56** For passing measure of the competency examination, examinees must score at least 50 percent for each subject.

**Clause 57** If any regulation states that examination applicants must be certificate holder of lesser level, that certificate must not expire on application date.

**Clause 58** If people of other nationalities require to apply competency examination for certificate of Engine Department, they must receive approval from Director General.

**Clause 59** Upon examination application for Third Class Engineer Certificate or higher, the applicants may apply for each subject examination until they complete all subjects within 3 years.

**Clause 60** For applicants who apply to advance higher certificate class, if they have certificate for 1 year, they can apply for examination of all subjects or each subject according to Clause 59.

**Clause 61** Passed or failed subjects shall be recorded in examination report according to P.1 Form in this Regulation's Annex.

**Clause 62** For Third Class Engineer Certificate, the examination divides into 2 parts:

Part A consists of the following subjects:

- (1) Mathematics (1 exam; 3 hours)
- (2) General Engineering Science (1 exam; 3 hours)
- (3) Heat Engines and Electro-technology (1 exam; 3 hours)

Part B consists of the following subjects:

- (1) Engineering Knowledge (3 exams; 3 hours per exam)
- (2) Oral

Examination applicants for Third Class Engineer for Engine and Boiler Driven Vessel Certificate must additionally take Engineering Knowledge subject as the 4<sup>th</sup> exam.

**Clause 63** For Second Class Engineer Certificate, the examination divides into 2 parts:

Part A consists of the following subjects:

- (1) Mathematics (1 exam; 3 hours)
- (2) Applied Mechanics (1 exam; 3 hours)
- (3) Heat and Heat Engines (1 exam; 3 hours)
- (4) Drawing (1 exam; 6 hours)

Part B consists of the following subjects:

- (1) Electro-technology (1 exam; 3 hours)
- (2) Naval Architecture (1 exam; 3 hours)
- (3) Engineering Knowledge (2 exams; 3 hours per exam)
- (4) Oral

Examination applicants for Second Class Engineer for Engine and Boiler Driven Vessel Certificate must additionally take Engineering Knowledge subject as the 3<sup>rd</sup> exam.

**Clause 64** For First Class Engineer Certificate, the examination divides into 2 parts:

Part A consists of the following subjects:

- (1) Mathematics (1 exam; 3 hours)
- (2) Applied Mechanics (1 exam; 3 hours)
- (3) Heat Engines and Thermodynamics (1 exam; 3 hours)

Part B consists of the following subjects:

- (1) Electro-technology (1 exam; 3 hours)
- (2) Naval Architecture (1 exam; 3 hours)
- (3) Engineering Knowledge (2 exams; 3 hours per exam)
- (4) Oral

Examination applicants for Second Class Engineer for Engine and Boiler Driven Vessel Certificate must additionally take Engineering Knowledge subject as the 3<sup>rd</sup> exam.

**Clause 65** Director General shall have authority to compare teaching and training curriculums of institutes with the qualifications of examination application for

certificates according to this Regulation. Upon application for the same level of certificate comparison for foreign certificate holders, Director General shall have authority to individually consider for approval.

### **PART 3**

#### **CURRICULUM**

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**Clause 66** Curriculum relating to competency examination of Engine Department shall conduct according to Annex 2.

### **PART 4**

#### **QUALIFICATIONS OF EXAMINATION APPLICANTS**

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**Clause 67** Examination applicants must have the following qualifications:

- (1) Having Thai nationality.
- (2) No record of terrible or bad behaviour which may cause unsafe or troublesome issue on board.
- (3) No insanity or mental infirmity.
- (4) No handicap or physical disability which results in inability to work on duties.
- (5) No contagious disease.
- (6) For qualifications of no. 3, 4, and 5, applicants must submit medical certificate as evidence for consideration.

**Clause 68** First Class Engineer Certificate

Applicants for First Class Engineer Certificate must have further qualifications, apart from Clause 67, as follows:

- (1) No less than the age of 28.
- (2) A holder of Second Class Engineer Certificate. While holding this certificate, the person worked in Engine Department as follows:
  - (a) For First Class Engineer for Engine Certificate, the person must have working experience on engine used to driven vessels for at least 9 months; and, for

another 12 month, must have working experience on engine, and boiler or steamer used to driven vessels; 21 months in total.

(b) For First Class Engineer for Steamer Certificate, the person must have working experience on steamer used to driven vessels for at least 9 months; and, for another 12 month, must have working experience on boiler and steamer, or engine used to driven vessels; 21 months in total.

(c) For First Class Engineer for Engine and Steamer Certificate, the person must have working experience in Engine Department for at least 24 months. Within the total minimum of work experience, here are the following conditions:

Have worked on engine used to driven vessels for at least 6 months;

Have worked on boiler and steamer used to driven vessels for at least 6 months;

For another 12 months, must have worked on boiler and steamer, or engine used to driven vessels.

(d) Working experience in Engine Department means working as Watchkeeping Officer on engine driven vessels in Southeast Asia Area which have larger machine for at least 1,500 Kilowatts; or as Chief Engineer Officer of Huge Power Driven Neighbour Area Vessel with at least 750 Kilowatts.

(3) Or; have qualification according to no. (1) and graduate from the highest curriculum of Engine Department at Royal Thai Naval Academy, or other equivalent institutes. The graduates have working experience as Chief Engineer Officer for at least 1 year and have operated duties which related to Engine Mechanics for at least 4 years.

### **Clause 69** Second Class Engineer Certificate

Applicants for Second Class Engineer Certificate must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 25.

(2) A holder of Third Class Engineer Certificate. While holding this certificate, the person worked in Engine Department as follows:

(a) For Second Class Engineer for Engine Certificate, the person must have working experience on engine used to driven vessels for at least 9 months; and, for another 12 month, must have working experience on engine, and boiler or steamer used to driven vessels; 21 months in total.

(b) For Second Class Engineer for Steamer Certificate, the person must have working experience on steamer used to driven vessels for at least 9 months; and, for another 12 month, must have working experience on boiler and steamer, or engine used to driven vessels; 21 months in total.

(c) For Second Class Engineer for Engine and Steamer Certificate, the person must have working experience in Engine Department for at least 24 months. Within the total minimum of work experience, here are the following conditions:

Have worked on engine used to driven vessels for at least 6 months;

Have worked on boiler and steamer used to driven vessels for at least 6 months;

For another 12 months, must have worked on boiler and steamer, or engine used to driven vessels.

(d) Working experience in Engine Department means working as Watchkeeping Officer on engine driven vessels in Southeast Asia Area which have larger machine for at least 750 Kilowatts; or as Chief Engineer Officer of Huge Power Driven Neighbour Area Vessel with at least 750 Kilowatts.

(3) Or; have qualification according to no. (1) and graduate from the highest curriculum of Engine Department at Royal Thai Naval Academy, or other equivalent institutes. The graduates have operated duties which related to Engine Mechanics for at least 2 years.

#### **Clause 70** Third Class Engineer Certificate

Applicants for Third Class Engineer Certificate must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 22.

(2) Minimum graduation from high school or other equivalent curriculums; and holding Special First Class Engine Operator Certificate. While holding this certificate, the holders worked in Engine Department of engine driven vessel in restricted neighbour area with at least 750 Kilowatts as follows:

(a) For Third Class Engineer for Engine Certificate, the person must have working experience on engine driven vessels for at least 9 months; and, for another 12 month, must have working experience on engine, and boiler or steamer driven vessels; 21 months in total.

(b) For Third Class Engineer for Steamer Certificate, the person must have working experience on steamer driven vessels for at least 9 months; and, for another 12

month, must have working experience on boiler and steamer, or engine driven vessels; 21 months in total.

(c) For Third Class Engineer for Engine and Steamer Certificate, the person must have working-onboard experience in Engine Department for at least 24 months. Within the total minimum of working experience, here are the following conditions:

Have worked on engine driven vessels for at least 6 months;

Have worked on boiler and steamer driven vessels for at least 6 months;

For another 12 months, must have worked on boiler and steamer, or engine driven vessels.

(d) Working-onboard experience in Engine Department means working as Watchkeeping Officer on engine driven vessels in Neighbour Area which have larger machine of at least 375 Kilowatts.

#### **Clause 71** Third Class Engineer (by Practice) Certificate

Applicants for Third Class Engineer (by Practice) Certificate must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 22.

(2) A holder of Special First Class Engine Operator Certificate or Special First Class Engine Operator (by Practice) Certificate. While holding this certificate, the person worked in Engine Department of sea-going engine driven vessel in restricted area with at least 375 Kilowatts for no less than 3 years; or

(3) A holder of First Class Engine Operator for Deep Sea Fishing Vessel Certificate who has working experience in Engine Department of First Class Deep Sea Fishing Vessel for at least 5 years; or

(4) Have qualification according to no. (1) and

(a) Pass the occupational curriculum examination of Chief Petty Officer First Class of Engine Department at the Navy; or

(b) Pass the occupational curriculum examination of promoting as Chief Petty Officer First Class of Civil Engineer Corps; or

(c) Have working experience as Chief Engineer Officer on military ships for at least 1 year and have working experience in Engine Department on military ships for at least 4 years; or

(d) Pass the special training curriculum of Engine Department at Merchant Marine Training Centre, Marine Department.



**Clause 72** First Class Boiler Man for Sea-going Ship Certificate:

Applicants for First Class Boiler Man for Sea-going Ship Certificate must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 20.

(2) A holder of Second Class Boiler Man for Sea-going Ship Certificate who, while holding this certificate, worked in Engine Department of sea-going vessel which used steamer with boiler for at least 2 years; or

(3) Have qualification according to no. (1) and

(a) Have working experience in Engine Department on military ships for at least 4 years; or

(b) Pass the special training curriculum of Engine Department at Merchant Marine Training Centre, Marine Department.

**Clause 73** Special First Class Engine Operator Certificate:

Applicants for Special First Class Engine Operator Certificate must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 20.

(2) Minimum graduation from middle school or other equivalent curriculums, except for holder of Special First Class Engine Operator (by Practice) Certificate.

(3) A holder of First Class Engine Operator Certificate who has working-onboard experience in Engine Department for at least 2 years, or a holder of Special First Class Engine Operator (by Practice) Certificate who has working-onboard experience in Engine Department for at least 1 year; or

(4) Graduation from the minimum of 5-year curriculum at Engine Department of vocational education school under Ministry of Education's approval or other equivalent curriculums, and have working experience of Engine Department on sea-going vessels in restricted area which have minimum propulsion power of 375 Kilowatts for at least 1 year; or

(5) Have qualification according to no. (1) and

(a) Have working experience in Engine Department on military ships for at least 4 years; or

(b) Pass the special training curriculum of Engine Department at Merchant Marine Training Centre, Marine Department.

**Clause 74** Special First Class Engine Operator (by Practice) Certificate:

Applicants for Special First Class Engine Operator (by Practice) Certificate must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 20.

(2) A holder of First Class Engine Operator Certificate who has working-onboard experience in Engine Department for at least 3 years; or

(3) Have qualification according to no. (1) and

(a) Have working-onboard experience in Engine Department for at least 3 years; or

(b) Pass the special training curriculum of Engine Department at Merchant Marine Training Centre, Marine Department.

**Clause 75** Special First Class Engine Operator (by Practice) Certificate:

Applicants for Second Class Boiler Man for Sea-going Ship must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 19.

(2) Have working experience relating to steamer on steamer driven vessel with boiler for at least 2 years. If the applicants have already had First Class Boiler Man for Self-propelled River Vessel Certificate, they must have worked in Engine Department on steamer driven vessel with boiler for at least 1 year; or

(3) Have qualification according to no. (1) and

(a) Pass the comprehensive examination of the second-year students of Engine Department Curriculum at Merchant Marine Training Centre, Marine Department, or

(b) Pass the comprehensive examination of the second-year curriculum of Engine Department at Royal Thai Naval Academy, or

(c) Pass the comprehensive examination of Naval Student in Engine Department of Phan Ja Naval Education School, or

(d) Pass the occupational curriculum examination of Chief Petty Officer First Class of Engine Department at the Navy, or

(e) Have working experience in Engine Department on military vessels for at least 2 years, or

(f) Pass the special training curriculum of Engine Department at Merchant Marine Training Centre, Marine Department.

**Clause 76** First Class Boiler Man for Self-propelled River Vessel Certificate

Applicants for First Class Boiler Man for Self-propelled River Vessel Certificate must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 18.

(2) A holder of Second Class Boiler Man for Self-propelled River Vessel Certificate who has working experience as Boiler Man on River Vessels for at least 1 year; or

(3) Have qualification according to no. (1) and

(a) Pass the comprehensive examination of the second-year students of Engine Department Curriculum at Merchant Marine Training Centre, Marine Department, or

(b) Pass the comprehensive examination of the second-year curriculum of Engine Department at Royal Thai Naval Academy, or

(c) Pass the comprehensive examination of Naval Student in Engine Department of Phan Ja Naval Education School, or

(d) Pass the occupational curriculum examination of Chief Petty Officer First Class of Engine Department at the Navy, or

(e) Have working experience in Engine Department on military vessels for at least 2 years, or

(f) Pass the special training curriculum of Engine Department at Merchant Marine Training Centre, Marine Department.

**Clause 77** First Class Engine Operator Certificate

Applicants for First Class Engine Operator Certificate must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 18.

(2) A holder of First Class Engine Operator Certificate who has working-onboard experience in Engine Department for at least 1 year; or

(3) Graduation from Engine Department of Mechanic Section, Naval Engineering Section, or Electro-technical Engineering Section at vocational education school under

Ministry of Education's approval or other equivalent curriculums; and have working-onboard experience of Engine Department for at least 6 months; or

(4) Have qualification according to no. (1) and

(a) Pass the comprehensive examination of the second-year students of Engine Department Curriculum at Merchant Marine Training Centre, Marine Department, or

(b) Pass the comprehensive examination of the second-year curriculum of Engine Department at Royal Thai Naval Academy, or

(c) Pass the comprehensive examination of Naval Student in Engine Department of Phan Ja Naval Education School, or

(d) Pass the occupational curriculum examination of Chief Petty Officer First Class of Engine Department at the Navy, or

(e) Pass the occupational curriculum examination of Chief Petty Officer First Class of General Engine Mechanic at the Navy, or

(f) Pass the occupational curriculum examination of promoting as Chief Petty Officer First Class of Civil Engineer Corps, or

(g) Have working experience in Engine Department on military vessels for at least 2 years, or

(h) Pass the special training curriculum of Engine Department at Merchant Marine Training Centre, Marine Department.

**Clause 78** Second Class Boiler Man for Self-propelled River Vessel Certificate

Applicants for Second Class Boiler Man for Self-propelled River Vessel Certificate must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 18.

(2) Have working experience on steamer sea-going vessel, or river vessel for at least 1 year; or

(3) Have qualification according to no. (1) and pass the special training curriculum of Engine Department at Merchant Marine Training Centre, Marine Department.

**Clause 79** Second Class Engine Operator Certificate

Applicants for Second Class Engine Operator Certificate must have further qualifications, apart from Clause 67, as follows:

(1) No less than the age of 18.

(2) Have working experience relating to mechanic usage on sea-going ship or river ship for at least 1 year; or

(3) Have qualification according to no. (1) and pass the training curriculum of Rating Students of Engine Department at Merchant Marine Training Centre, Marine Department.

**Clause 80** Period calculation of working-onboard. For qualifications of examination applicants for Third Class Engineer Certificate or higher certificate classes, the working period shall only be counted when workers of Engine Department are working on operating huge engine driven ship, or during massive ship renovation. The duration of anchoring ship shall not be counted as work-onboard period. For other certificate classes, working period calculation shall be counted by period of working year.

**Clause 81** Accreditation of examination applicants' working-onboard period to receive certificates shall be recognized by evidence of working-onboard with ship owner's confirmation. The confirmation document shall inform the applicant's onboard duty, duty during watch keeping, and working period from when to when according to P.2 Form. Working-onboard period can also be counted by onboard evidences which appear in Unemployment Agreement or Ship's License.

**Clause 82** Whoever do not have Thai nationality, if they want to work on Thai vessel, shall submit their request at Marine Department to issue Certificate of Endorsement on their knowledge and competency to control engine according to the holders' certificate class. The Certificate of Endorsement Form shall be in accordance with the Regulation's Annex.

Director General shall appoint a committee to proceed with examination on the qualification, knowledge, and competency.

**Clause 83** When holders of certificate require for Marine Department's issuance of Certificate of Endorsement under International Convention on Standard of Training, Certification and Watchkeeping for Seafarers 1978, they must provide the Certificates of Training from approved institute by Marine Department as follows:

1. Fire Fighting Course Certificate
2. First Aid at Sea Certificate

Director General shall appoint a committee to examine on the qualification, knowledge, and competency.

**Clause 84** Holders of any certificate class issued by foreign state issuance who require to apply for competency examination in order to receive certificate under this Regulation must have qualifications and other evidence as follows:

(1) Have qualifications as prescribed in this Regulation except the conditions which require applicants to previously be certificate holders of lesser level.

(2) Examination applicants for First Class Engineer and Second Class Engineer Certificates must submit educational evidence of minimum graduation from high school or other equivalent curriculums.

(3) Subjects of competency examination for a certain certificate class, or certified document on examination result of a certain certificate class from the governmental administration which issue the certificate,

(4) Confirmation document of working-onboard in Engine Department.

Director General shall appoint a committee to proceed with examination.

## **PART 5**

### **EXAMINATION FEES**

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**Clause 85** Applicants shall pay examination fees according to the following rates:

(1) First Class Engineer	800 THB
(2) Second Class Engineer	600 THB
(3) Third Class Engineer	500 THB
(4) Third Class Engineer (by Practice)	400 THB
(5) Special First Class Engine Operator, or First Class Boiler Man for Sea-going Ship	300 THB
(6) Special First Class Engine Operator (by Practice)	200 THB
(7) First Class Engine Operator, Second Class Boiler Man for Sea-going Ship, or First Class Boiler Man for Self-propelled River Vessel	150 THB
(8) Second Class Engine Operator, or Second Class Boiler Man for Self-propelled River Vessel	100 THB
(9) Certification fee	100 THB
(10) Endorsement of Certificate	300 THB

**Clause 86<sup>7</sup>** Request to replace any certificate class must pay half of the stated rate in Clause 85.

Retaking examination must pay 10 THB for each subject.

**Clause 87** In case of lost or damaged certificate due to shipwreck incident: if the certificate holders who were stationed on the wrecked ship can provide credible evidence, the holders shall be exempt from replacement certificate fee according to Clause 86.

## **PART 6**

### **CERTIFICATION**

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**Clause 88** When applicants finish all of the examination program which requires for each certificate class and request to receive certificate, they shall submit request form with following documents:

(1) Medical Certificate

(2) Copy of House Registration or National ID Card

(3) Copy of academic certificate (if have)

(4) Results of competency examination (P.1 Form)

(5) 4 Straight-face photographs without hat or sunglasses wearing with sizes of 2 □ x 2 □ .

(6) Letter of employment in Engine Department (P.2 Form)

(7) Other documents according to examination applicant qualifications for each certificate class. After verification as accurate, the authorities shall issue certificate for the applicant.

**Clause 89** Form of Engine Department Certificate shall be according to the Regulation's appendix.

**Clause 90** Receivers of a certain certificate class must pass the required examination programme for that class.

**Clause 91** Receivers of any certificate must return the previous certificate in their possession (if have).

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<sup>7</sup> Clause 86 was amended in Regulation of Marine Department on Examination for Seafarers (No.3) B.E. 2539.

**Clause 92** Issuance of Replacement Certificate

Replacement Certificate shall be issued under the following conditions:

(1) When certificates were lost or damaged, the certificate holders shall provide the evidence of Police Report.

(2) Certificates were blurry or decaying in significant part, the certificate holders must present the old certificate.

**Clause 93** Editing text in certificate

Holder of certificate shall submit request form to Ship Inspection Division<sup>ii</sup>, Marine Department, or Marine Branch Offices which issued the certificate with other evident documents for editing. After the verification of evidence or documents, the authorities shall edit under Director of Ship Inspection Division or Marine Branch Office as the case may be.

**Clause 94** Certificate which was issued before this Regulation's enforcement can use until its date of expiration. When it expires, the authorities shall issue new certificate by comparing between the certificate class under the previous regulation and this Regulation as follows:



Class of Certificate

Class of Certificate

Under the previous Regulation

Under this Regulation

No.1 First Class Engineer Certificate

Equals to First Class Engineer Certificate

No.2 Second Class Engineer Certificate

Equals to Second Class Engineer Certificate

No.3 Third Class Engineer Certificate

Equals to Third Class Engineer Certificate

No.4 Third Class Engineer for Able Seafarers,  
Second Class Engineer on Specific Vessel, or  
First Class Engine Operator on Deep Sea Fishing Ship  
Certificate

Equals to Third Class Engineer Certificate (by Practice)  
Certificate

No.5 Special First Class Engine Operator,  
Second Class Engine Operator on Deep Sea Fishing Ship,  
or  
Engine Operator Certificate

Equals to Special First Class Engine Operator, or  
First Class Boiler Man for Sea-going Ship Certificate

No.6 Special First Class Engine Operator for Able  
Seafarers Certificate

Equals to Special First Class Engine Operator (by Practice)  
Certificate

No.7 First Class Engine Operator,  
Second Class Boiler Man for Sea-going Ship, or  
First Class Boiler Man for Self-propelled River  
Vessel Certificate

Equals to First Class Engine Operator,  
Second Class Boiler Man for Sea-going Ship, or  
First Class Boiler Man for Self-propelled River  
Vessel Certificate

No.8 Second Class Engine Operator, or  
Second Class Boiler Man for Self-propelled River Vessel

Equals to Second Class Engine Operator, or  
Second Class Boiler Man for Self-propelled River Vessel  
Certificate

**Clause 95** Within 1-year period since this Regulation enforcement, working-onboard period calculation of Watchkeeping Officer on official ship according to Clause 21(3) and Clause 22(2) shall count without considering whether the person is holder of Class 2 (First Mate) or Class 3 (Second Mate) Certificate or not.

**Clause 96** Clause 36 (1) can use Manoeuvring Board Certificate as replacement until Thailand opens Radar Simulator Course.

Clause 36 (2) shall not be enforced until Thailand opens the stated course.

**Clause 97** Within 1-year period since this Regulation enforcement, working-onboard period calculation for Engine Department on official ship shall count without considering whether the applicant previously has certificate or not.

**Clause 98<sup>8</sup>** Certificate holders according to Clause 5 and Clause 49 of this Regulation, if the holder requires to work onboard in the position which is stated in Regulating Rule of Ship Inspection as higher class than the holder's certificate, the person might get dispensation to work in the position which requires higher certificate no more than 1 higher class. Director General shall has authority to consider on the approval individually.

The dispensation shall issue in form of Certificate of Temporary Permission which limit to no more than 6-month period. However, holders of river vessel cannot work in higher position which requires sea-going vessel certificate.

**Clause 99<sup>9</sup>** Director General shall be the deputy of the Regulation.

Issued on 20 April B.E. 2532 (1989)

Ampol Teeyaporn

Deputy Permanent Secretary of Ministry of Transportation

Ad interim of Director General of Marine Department

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<sup>8</sup> Clause 98 was amended in Regulation of Marine Department on Examination for Seafarers B.E. 2532.

<sup>9</sup> Clause 98 was amended in Regulation of Marine Department on Examination for Seafarers B.E. 2532.

[Attachment]

1. Annex 1

2. Annex 2

(See more information from legal images)

**Regulation of Marine Department on Examination for Seafarers B.E. 2532<sup>10</sup>**

**Clause 2** This Regulation shall be enforced since the day after the publication date in Government Gazette.

**Regulation of Marine Department on Examination for Seafarers (No.3) B.E. 2539<sup>11</sup>**

**Clause 2** This Regulation shall be enforced since the day after the publication date in Government Gazette.

**Regulation of Marine Department on Examination for Seafarers (No.4) B.E. 2559<sup>12</sup>**

**Clause 2** This Regulation shall be enforced since the day after the publication date in Government Gazette.

**Clause 4** Certificates which were issued under Clause 25 of Regulation of Marine Department on Examination for Seafarers B.E. 2532 and amendments can use until its date of expiration according to the stated Regulation. Certificate renewal under Clause 1, Regulation of Marine Department on Examination for Seafarers in Fishing Vessels B.E. 2559 issued on 15 December B.E. 2559, all rights of certificate holders according to Paragraph 1 and the renewal certificates according to Paragraph 2 shall remain as stated in Regulation of Marine Department on Examination for Seafarers B.E. 2532.

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<sup>10</sup> Government Gazette Volume 107/Special Section 32/ Page 23/26 February B.E. 2533 (1990)

<sup>11</sup> Government Gazette Volume 113/Section 18 d/ Page 28/29 February B.E. 2539 (1996)

<sup>12</sup> Government Gazette Volume 133/Special Section 314 d/ Page 16/29 February B.E. 2559 (2016)

## **Translator's Endnote**

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<sup>i</sup> The responsibility is currently under Seafarers Standard Division. (As of 7 October 2019)

<sup>ii</sup> The responsibility is currently under Seafarers Standard Division. (As of 7 October 2019)