

Factories (Certificate of Competency — Examinations) Regulations

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FIRST SCHEDULE Factories Act (Chapter 104) Factories (Certificate of Competency — Examinations) Regulations Certificate of Competency For**SECOND SCHEDULE****Legislative History**

FACTORIES ACT
(CHAPTER 104, SECTION 102(1))

«FACTORIES» («CERTIFICATE» «OF» «COMPETENCY» — «EXAMINATIONS») «REGULATIONS»

Rg 7

REVISED EDITION 1990

(25th March 1992)

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Citation

1. These «Regulations» may be cited as the «Factories» («Certificate» «of» «Competency» — «Examinations») «Regulations».

Definitions

2. In these «Regulations», unless the context otherwise requires —

“Board” means the Board «of» Examiners established under [regulation 3](#);

“«certificate» «of» «competency»” means a «certificate» «of» «competency» awarded by the Board under these «Regulations»;

“equivalent «certificate» «of» «competency»” means a «certificate» «of» «competency» which is considered by the Board to be equivalent to a corresponding «certificate» «of» «competency»;

“prescribed examination” means any examination held by the Board under these «Regulations».

Board «of» Examiners

3. There shall be established a Board «of» Examiners which shall consist «of» the Chief Inspector as chairman and at least 4 inspectors as members.

Certificates «of» «competency»

- 4.—(1) The Board may award the following certificates «of» «competency»:

- (a) first-grade engineer (steam);
- (b) first-grade engineer (internal combustion engine);
- (c) second-grade engineer (steam);
- (d) second-grade engineer (internal combustion engine);
- (e) first-class steam boiler attendant;
- (f) first-class driver (internal combustion engine);
- (g) second-class steam boiler attendant; and
- (h) second-class driver (internal combustion engine).

- (2) A «certificate» «of» «competency» shall be in the form set out in [the First Schedule](#).

(3) Every holder «of» a «certificate» «of» «competency» shall surrender the «certificate» to the Chief Inspector for cancellation upon the award «of» a «certificate» «of» «competency» «of» a higher grade in respect «of» the same category «of» machinery.

Exemption from examination

5.—(1) The Board may exempt any person who holds an equivalent «certificate» «of» «competency» from the prescribed «examinations» for a corresponding «certificate» «of» «competency».

(2) The Board may exempt a person from the prescribed examination for any «certificate» «of» «competency» referred to in [regulation 4\(1\)\(a\)](#) to [\(d\)](#) if the person —

- (a) holds a degree or a professional diploma in mechanical engineering from a university or institution recognised by the Board; and

- (b) has had operational charge <of>, or has served as an assistant to an engineer in operational charge <of> any steam boiler or internal combustion engine, as the case may be, which the Board is satisfied is <of> a substantial size for a period <of> at least 12 months where the exemption is from the prescribed examination for a second-grade <certificate> <of> <competency> and for a period <of> at least 24 months where the exemption is from the prescribed examination for a first-grade <certificate> <of> <competency>.

(3) The Board may in its discretion exempt any person from the prescribed examination wholly or in part and a <certificate> <of> <competency> issued to a person wholly exempted from the prescribed examination shall for the purpose <of> [paragraph \(4\)](#) be deemed to be issued under [paragraph \(1\)](#).

- (4) The fee payable for a <certificate> <of> <competency> issued pursuant to [paragraph \(1\)](#) or [\(2\)](#) shall be as prescribed in [the Second Schedule](#).

Time and place <of> examination

6. The prescribed examination shall be conducted at such times and places as the chairman <of> the Board may direct.

Failure in examination

7. The Board may refuse to allow any person who had failed the prescribed examination to take any such examination again.

Application

8.—(1) Any person who desires to take the prescribed examination or to be exempted from the examination shall apply to the Board in such form as the Board may require.

- (2) An application to take the prescribed examination shall be lodged with the Board at least 21 days before the date <of> the examination.

- (3) An application under [paragraph \(1\)](#) shall be supported by such documentary evidence as the Board may require.

- (4) The Board may refuse an application to take the prescribed examination if —

- (a) in the opinion <of> the Board the applicant is not <of> good character or reputation; or
 (b) the applicant fails to furnish, when required to do so by the Board, a medical <certificate> to show that he is physically fit to take charge <of> the relevant machinery.

- (5) The fees payable for the prescribed examination shall be as set out in [the Second Schedule](#).

Qualifications for examination <of> engineers

9.—(1) No person shall be allowed to take the prescribed examination for a second-grade engineer (steam) <certificate> <of> <competency> if —

- (a) he is below 21 years <of> age at the date <of> the examination;
 (b) he does not have apprenticeship training in a trade acceptable to the Board; or
 (c) he has not served for a period <of> at least 12 months as an assistant to an engineer in operational charge <of> steam boilers which the Board is satisfied are <of> a substantial size.

(2) No person shall be allowed to take the prescribed examination for a first-grade engineer (steam) <certificate> <of> <competency> if he has not been in operational charge <of>, or has not served as an assistant to an engineer in operational charge <of>, steam boilers which the Board is satisfied are <of> a substantial size for a period <of> at least 12 months while he is holding a second-grade engineer (steam) <certificate> <of> <competency> or an equivalent <certificate> <of> <competency>.

(3) No person shall be allowed to take the prescribed examination for a second-grade engineer (internal combustion engine) <certificate> <of> <competency> if —

- (a) he is below 21 years <of> age at the date <of> the examination;
 (b) he does not have apprenticeship training in a trade acceptable to the Board; or
 (c) he has not served for a period <of> at least 12 months as an assistant to an engineer in operational charge <of> internal combustion engines which the Board is satisfied are <of> a substantial size.

(4) No person shall be allowed to take the prescribed examination for a first-grade engineer (internal combustion engine) <certificate> <of> <competency> if he has not been in operational charge <of>, or has not served as an assistant to an engineer in operational charge <of>, internal combustion engines which the Board is satisfied are <of> a substantial size for a period <of> at least 12 months while he is holding a second-grade engineer (internal combustion engine) <certificate> <of> <competency> or an equivalent <certificate> <of> <competency>.

Diploma <of> a technical institution

10. For the purposes <of> these <Regulations>, a person holding a diploma in mechanical engineering granted by a technical institution recognised by the Board shall be deemed to have two years <of> apprenticeship training.

Other services

11. Notwithstanding <regulations> 9 and 10, where a candidate desiring to take the prescribed examination for a second-grade engineer <certificate> <of> <competency> does not have the apprenticeship training, the Board may if it thinks fit accept such other practical experiences which the candidate may have.

Qualifications for examination <of> steam boiler attendants

12.—(1) No person shall be allowed to take the prescribed examination for a second-class steam boiler attendant if —

- (a) he is below 21 years <of> age at the time <of> the examination; or
 (b) he has not served for a period <of> at least two years as a fireman or as a steam engine or steam boiler attendant.

(2) No person shall be allowed to take the prescribed examination for a first-class steam boiler attendant if he has not been —

- (a) an attendant in charge <of> a steam boiler or engine or an assistant to an engineer or first-class boiler attendant in charge <of> a steam boiler or engine for a period <of> at least 18 months; and
 (b) an attendant in charge <of> a steam boiler for a period <of> at least 12 months out <of> the period <of> 18 months referred to in [sub-paragraph \(a\)](#),

while he is holding a second-class steam boiler attendant <certificate> <of> <competency> or an equivalent <certificate> <of> <competency>.

Qualifications for examination <of> engine drivers

13.—(1) No person shall be allowed to take the prescribed examination for a second-class driver (internal combustion engine) <certificate> <of> <competency> —

- (a) if he is below 21 years <of> age at the time <of> the examination; or
 (b) if he has not served for a period <of> at least two years as an attendant on an internal combustion engine <of> not less than 20 kilowatts.

(2) No person shall be allowed to take the prescribed examination for a first-class driver (internal combustion engine) «certificate» «of» competency if he has not been —

- (a) a driver in charge «of» an internal combustion engine; or
- (b) an assistant to an engineer or driver in charge «of» an internal combustion engine under the charge «of» an engineer or first-class driver,

for a period «of» at least 18 months while he is holding a «certificate» «of» «competency» as a second-class driver (internal combustion engine) or an equivalent «certificate» «of» «competency».

Examination syllabus

14.—(1) The examination for an engineer «certificate» «of» «competency» shall consist «of» the following:

- (a) Part A: Applied Mathematics Papers I and II;
- (b) Part B: Engineering Knowledge Papers I and II; and
- (c) Part C: an Engineering Drawing Paper.

(2) Every candidate for an attendant or a driver «certificate» shall be examined orally and may be required to give a demonstration «of» his knowledge.

Endorsement «of» «certificate»

15.—(1) It shall be lawful for any «certificate» «of» «competency» awarded under these «Regulations» to be endorsed to the effect that the holder has satisfied the Board by examination that he is qualified to take charge «of» an additional category «of» machinery. The fee payable for such endorsement shall be the same as the fee payable for such examination set out in [the Second Schedule](#).

(2) The examination for the purpose «of» the endorsement «of» an engineer «certificate» «of» «competency» under [paragraph \(1\)](#) shall consist only «of» an Applied Mathematics Paper II and an Engineering Knowledge Paper II.

(3) Every application for examination for the purpose «of» the endorsement referred to in [paragraph \(1\)](#) shall be accompanied by satisfactory evidence that the applicant has served on steam boilers or internal combustion engines, as the case may be, for a period «of» at least 9 months for a second-grade endorsement and 18 months for a first-grade endorsement.

False representation

16.—(1) Any person who —

- (a) allows his «certificate» «of» «competency» to be used by any other person; or
- (b) makes, or assists in the making «of», any false representation for the purpose «of» obtaining either for himself or any other person a «certificate» «of» «competency»,

shall be guilty «of» an offence and shall be liable on conviction to a fine not exceeding \$2,000.

(2) The Board may cancel a «certificate» «of» «competency» which has been obtained by representation which is false in any material particular.

(3) The Board shall, before cancelling a «certificate» «of» «competency», give the person concerned notice in writing «of» its intention to do so, specifying a date, not less than 14 days after the date «of» notice upon which the cancellation shall take effect and calling upon the person to show cause to the Board why the «certificate» «of» «competency» should not be cancelled.

(4) When the Board has cancelled a «certificate» «of» «competency», the Board shall forthwith inform the person concerned by notice in writing «of» the cancellation and thereupon the person concerned shall surrender the «certificate» «of» «competency» to the Chief Inspector.

(5) Where any holder «of» an attendant or a driver «certificate» «of» «competency» falsely represents that he is the attendant or the driver in charge «of» any machinery, which is required to be in the charge «of» a person holding a «certificate» «of» «competency», he shall be guilty «of» an offence and shall be liable on conviction to a fine not exceeding \$2,000.

Loss «of» «certificate» «of» «competency»

17. Any person, other than the rightful owner, who comes into possession «of» a «certificate» «of» «competency» shall immediately forward the «certificate» to the Chief Inspector.

Duplicate «certificate» «of» «competency»

18.—(1) An application for a duplicate «certificate» «of» «competency» to replace a «certificate» «of» «competency» which has been lost or destroyed shall be supported by evidence «of» the loss or destruction and such evidence «of» search for the «certificate» as the Board may require.

(2) The Board may, on payment «of» the fee set out in [the Second Schedule](#), issue a duplicate «certificate» «of» «competency».

Defaced «certificate» «of» «competency»

19.—(1) Where, in the opinion «of» the Chief Inspector, any photograph mounted on a «certificate» «of» «competency» no longer bears a true likeness to the holder thereof, or has been defaced to such an extent that identification «of» the holder is difficult, the Chief Inspector may require the holder to supply two copies «of» a recent photograph for the issue «of» a duplicate «certificate» «of» «competency».

(2) The Board may, on payment «of» the fee set out in [the Second Schedule](#), issue a duplicate «certificate» «of» «competency».

(3) Upon the issue «of» a duplicate «certificate» «of» «competency» under [paragraph \(1\)](#), the holder «of» the «certificate» «of» «competency» shall surrender the defaced «certificate» to the Chief Inspector.

Cancellation «of» «certificate» «of» «competency»

20.—(1) The Board may where it thinks fit require the holder «of» a «certificate» «of» «competency» to produce a medical «certificate» to show that he is physically fit to carry out the duties «of» an engineer or an attendant or a driver «of» the machinery referred to in his «certificate».

(2) Where the medical «certificate» shows that the holder «of» a «certificate» «of» «competency» is unfit to carry out his duties, or where a medical «certificate» is not produced within such period as the Chief Inspector requires, the «certificate» «of» «competency» may, subject to [regulation 16\(3\)](#) and [\(4\)](#), be declared by the Chief Inspector to be cancelled.

(3) Any «certificate» which has been declared to be cancelled under [paragraph \(2\)](#) shall be surrendered to the Chief Inspector.

Saving

21. Any «certificate» «of» «competency» awarded under the «Factories» («Certificate» «of» «Competency» — «Examinations») «Regulations» 1960 revoked by these Regulation shall be deemed to have been issued under the corresponding provisions «of» these «Regulations».

[G.N. S 130/60]

FIRST SCHEDULE

[Regulation 4\(2\)](#)

«**FACTORIES**» ACT
(CHAPTER 104)

«**FACTORIES**» («**CERTIFICATE**» «**OF**» «**COMPETENCY**» —
«**EXAMINATIONS**») «**REGULATIONS**»
«**CERTIFICATE**» «**OF**» «**COMPETENCY**» FOR

.....
This certificate is awarded to

.....
in pursuance of the Factories (Certificate of Competency — Examinations)
Regulations.

.....
Date

.....
*Chairman,
Board of Examiners.*

I. Particulars of holder of certificate of competency

NRIC/Passport No.	Photograph
Nationality	
Date of birth	Signature

II.

Date of prescribed examination
Date of issue of certificate of competency

Note: Any person other than the above holder who is in possession of this certificate of competency shall immediately forward the certificate to the Chief Inspector.

SECOND SCHEDULE

[«Regulations» 5 \(4\), 8\(5\), 15\(1\), 18\(2\) and 19\(2\)](#)

The fees set out in the second column shall be payable in respect «of» the matters specified in the first column.

<i>First column</i>	<i>Second column</i>
(1) Prescribed examination for —	
(a) a first-grade engineer « certificate » « of » « competency »	\$50 per subject paper.
(b) a second-grade engineer « certificate » « of » « competency »	\$40 per subject paper.
(c) a first-class boiler attendant « certificate » « of » « competency » or a first-class driver (internal combustion engine) « certificate » « of » « competency »	\$50.

First column

Second column

(d) a second-class boiler attendant <u>«certificate» «of» «competency»</u> or a second-class driver (internal combustion engine) <u>«certificate» «of» «competency»</u>	\$45.
(«2») Issue <u>«of»</u> a <u>«certificate» «of» «competency»</u> under regulation 5(1)	\$60.
(3) Issue <u>«of»</u> a <u>«certificate» «of» «competency»</u> under regulation 5(«2»)	\$140.
(4) Issue <u>«of»</u> a duplicate <u>«certificate»</u> —	
(a) upon surrender <u>«of»</u> the defaced <u>«certificate»</u>	\$15.
(b) where the <u>«certificate»</u> is lost or destroyed	\$20.

LEGISLATIVE HISTORY

FACTORIES (CERTIFICATE OF COMPETENCY — EXAMINATIONS) REGULATIONS
(CHAPTER 104, RG 7)

This Legislative History is provided for the convenience «of» users «of» the «Factories» («Certificate» «of» «Competency» — «Examinations») «Regulations». It is not part «of» these «Regulations».

1. G. N. No. S 153/1985—«Factories («Certificate «of» «Competency — «Examinations») «Regulations 1985

Date «of» commencement

: Date not available