

Reprint
as at 1 August 2020



Engine Drivers' Examination Regulations 1952 (SR 1952/149)

Freyberg, Governor-General

Order in Council

At the Government House at Wellington, this 6th day of August 1952

Present:

His Excellency the Governor-General in Council

Pursuant to the Boilers, Lifts, and Cranes Act 1950, His Excellency the Governor-General, acting by and with the advice and consent of the Executive Council, hereby makes the following regulations.

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Note

Changes authorised by subpart 2 of Part 2 of the Legislation Act 2012 have been made in this official reprint.
Note 4 at the end of this reprint provides a list of the amendments incorporated.

These regulations are administered by the Ministry of Transport.

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Regulations

1

- (1) These regulations may be cited as the Engine Drivers' Examination Regulations 1952.
- (2) These regulations shall come into force on 1 September 1952.

2 Interpretation

In these regulations, unless the context otherwise requires,—

Act means the Boilers, Lifts, and Cranes Act 1950

Board means the Board of Examiners appointed under the Act

candidate means a candidate for examination for a certificate under these regulations

examinations means examinations for certificates under these regulations

examiner means the person for the time being in charge of an examination

prescribed fee, in relation to any matter connected with any examination conducted under these regulations, means the fee (if any) prescribed in respect of that matter under subpart 3 of Part 4 of the Education and Training Act 2020 by the body that governs the institution conducting the examination under section 40 of the Act.

Regulation 2 **Department**: revoked, on 18 January 1995, by regulation 2(1) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Regulation 2 **prescribed fee**: inserted, on 18 January 1995, by regulation 2(2) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Regulation 2 **prescribed fee**: amended, on 1 August 2020, by section 668 of the Education and Training Act 2020 (2020 No 38).

Regulation 2 **Secretary**: revoked, on 18 January 1995, by regulation 2(2) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Examinations

Conduct of examinations

3

- (1) No persons, other than candidates and those persons whose duties require them to be present, shall be in any room where examinations are taking place.
- (2) Candidates for examinations shall be placed so as to prevent one copying from another, and no communication whatever shall take place between the candidates.

4

All books necessary for the use of candidates shall be provided by the Examiner. Candidates shall not take into the examination room any books, papers, or memoranda of any kind whatever:

provided that slide rules previously approved by the Examiner may be taken into the examination room by candidates.

5

Candidates in drawing shall be provided with drawing boards and T squares, if necessary, but any other drawing instruments which they may require shall be provided by the candidates.

6

Candidates shall be allowed (in the time allotted) to cancel any part of their work, and, when required, additional papers shall be supplied by the Examiner. Candidates shall not work out the problems on anything but the paper supplied by the Examiner. Additional papers shall be attached to and form part of the examination papers.

7

Where any candidate is discovered referring to any unauthorised book or paper, or copying from another, or affording any assistance or giving any information to another, or communicating in any way with another, during the time of examination the candidate shall be regarded as having failed in his examination.

8

If a candidate leaves the examination room before answering any question which he is required to answer, he shall not afterwards be permitted to answer it, but the Examiner may substitute other data or another question.

9

Silence shall be preserved by candidates in the examination room.

10

Any candidate acting in contravention of any of the foregoing regulations, or being guilty of insolence to the Examiner, or of disorderly or improper conduct in or about the examination room, shall be liable to the postponement of his examination, or, in the event of his having passed, to the detention of his certificate for such period as the Board may direct.

11

In order to secure a pass in the written part of the examination which includes drawing, a candidate shall obtain at least two-thirds of the possible marks.

11A

[Revoked]

Regulation 11A: revoked, on 18 January 1995, by regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

11B First-class engine drivers' examination

The following provisions shall apply to the first-class engine drivers' examination:

- (a) the examination shall be divided into 2 divisions. Division A shall consist of the subjects of practical mathematics and applied mechanics, and engineering drawing. Division B shall consist of the subjects of engineering knowledge, boiler management, and the oral examination:
- (b) the Board may grant to any candidate exemption from being examined in any subject of the examination on such conditions (if any) as it thinks fit:
- (c) a candidate may be examined in Division A of the examination before attempting Division B, or may be examined in Division B before attempting Division A:
- (d) in the case of failure in any subject of Division A, re-examination shall embrace only that subject:
- (e) in the case of failure in any subject of Division B, re-examination shall embrace only that subject:
- (f) no pass gained in any subject of Division A or in Division B of the examination shall remain valid for a period longer than 2 years after the date of examination in that subject, unless before the expiry of that period the candidate has passed the whole of the examination:
- (g) marks shall not be allocated to any subject, but each candidate shall be informed whether he has passed or failed each subject attempted by him.

Regulation 11B: replaced, on 27 July 1973, by regulation 2(1) of the Engine Drivers' Examination Regulations 1952, Amendment No 7 (SR 1973/184).

Regulation 11B(e): amended, on 18 January 1995, by regulation 3 of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Dates and places of examination

[Revoked]

Heading: revoked, on 18 January 1995, pursuant to regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

12 Dates and places of examination

[Revoked]

Regulation 12: revoked, on 18 January 1995, by regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Applications

[Revoked]

Heading: revoked, on 18 January 1995, pursuant to regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

13 Applications

[Revoked]

Regulation 13: revoked, on 18 January 1995, by regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Fees

14 Fees

[Revoked]

Regulation 14: revoked, on 18 January 1995, by regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

15 Refund of fees

If a candidate is found not to be qualified, the fee may be forfeited, or returned to the candidate, or placed to his credit until he is qualified. In any case where a candidate, having qualified for examination, becomes incapacitated or dies before having had an opportunity of being examined, the fee may be refunded.

Regulation 15: amended, on 18 January 1995, by regulation 4 of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Regulation 15: amended, on 1 January 1970, by regulation 5 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

*References and testimonials***16 References and testimonials**

- (1) Subject to subclauses (2) and (5), proof of qualifying service shall take the form of a written statement by the person who was the applicant's employer during the period claimed as qualifying service. The statement shall set out the dates of duration of any lesser periods going to make up the total period of qualifying service, and shall, if the statement relates to an application for a boiler attendant's certificate, also state the number of hours actually served. Statements relating to service in connection with—
 - (a) a boiler, shall state clearly the type and horsepower rating of the boiler:
 - (b) an engine, shall state clearly the type, and the number and diameter of the cylinders, of the engine:
 - (c) a turbine, shall state clearly the brake horsepower of the turbine.
- (1A) No service with electrically heated boilers or unfired steam pressure vessels shall be counted as qualifying service.
- (2) In any case where the applicant is the sole owner of the steam plant in connection with which his qualifying service has been performed, the necessary proof of service shall take the form of a statement by a Justice of the Peace, a post-master, or 2 persons of good repute who are acquainted with the facts, and any such statement shall contain all details specified by subclause (1).
- (3) Every applicant shall furnish a testimonial certifying his sobriety and good conduct for at least the 12 months immediately preceding the date of his application.
- (4) *[Revoked]*
- (5) Where an applicant is unable to produce written proof of his service, by reason of the loss or destruction of his papers, certificates, or discharges, the Board may accept as evidence of his service a statutory declaration by the applicant giving particulars of his service and of the loss of papers and certificates.

Regulation 16(1): replaced, on 1 January 1970, by regulation 6 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 16(1A): inserted, on 1 January 1970, by regulation 6 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 16(4): revoked, on 18 January 1995, by regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

*Language test***17**

Every candidate shall satisfy the Board that he can speak and write the English language sufficiently to be able to perform the duties he may be required to perform as the holder of a certificate under the Act.

Age

18

Should any doubt exist as to the age of a candidate, he may be required to produce a certificate of birth.

Service: Miscalculations or misrepresentations

19

- (1) If, after a candidate has passed the examination, it is found that his service is insufficient to entitle him to receive a certificate of the grade in respect of which he has passed, the certificate shall not be granted until he has performed the service in which he was deficient and has been re-examined, unless the Board sees fit to dispense with the re-examination.
- (2) Should a candidate's service entitle him to a certificate of a lower grade that certificate may be granted.
- (3) If the Board is satisfied that the miscalculation of the candidate's service was not due to any fault or misrepresentation on his part, he may have the fee returned to him or placed to his credit.
- (4) In any case where it is discovered that any such candidate has used a false reference as to service in support of his application, or has been guilty of misrepresentation in connection with his service, the examination shall be void and the fee forfeited.
- (5) Service which has been performed in contravention of the Boilers, Lifts, and Cranes Act 1950 shall not be accepted in respect of any application.

Medical certificates

20 Medical certificates

- (1) Every applicant for a winding, traction, locomotive, or locomotive and traction engine driver's certificate shall forward with his application a certificate, signed by a medical practitioner, to the effect that the applicant's eyesight and hearing are satisfactory, that he is free from colour blindness, and that he is not subject to any other infirmity likely to interfere with the efficient discharge of his duties.
- (2) Any such certificate shall be dated not more than 12 months prior to the date upon which the application reaches the institution conducting the examination concerned.
- (3) In subclause (1), **medical practitioner** means a health practitioner who is, or is deemed to be, registered with the Medical Council of New Zealand continued by section 114(1)(a) of the Health Practitioners Competence Assurance Act 2003 as a practitioner of the profession of medicine.

Regulation 20(1): amended, on 18 September 2004, by section 175(3) of the Health Practitioners Competence Assurance Act 2003 (2003 No 48).

Regulation 20(2): replaced, on 18 January 1995, by regulation 5 of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Regulation 20(3): inserted, on 18 September 2004, by section 175(3) of the Health Practitioners Competence Assurance Act 2003 (2003 No 48).

Certificates for successful applicants

[Revoked]

Heading: revoked, on 18 January 1995, pursuant to regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

21

[Revoked]

Regulation 21: revoked, on 18 January 1995, by regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Failure in examination

22 Failure in examination

- (1) If a candidate fails in any examination under these regulations, he shall not be eligible for re-examination until after the expiration of 3 calendar months from the date of failure.
- (2) *[Revoked]*
- (3) If any candidate on 3 occasions fails an examination for the same certificate of competency he shall, before again applying for examination for the same certificate, produce evidence of such further qualifying service as the Board thinks fit.

Regulation 22: replaced, on 16 August 1968, by regulation 5 of the Engine Drivers' Examination Regulations 1952, Amendment No 4 (SR 1968/144).

Regulation 22(1): amended, on 18 January 1995, by regulation 6(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Regulation 22(2): revoked, on 18 January 1995, by regulation 6(b) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Regulation 22(3): inserted, on 1 January 1970, by regulation 7 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Replacement of certificates

23

- (1) Any person who proves to the satisfaction of the Board that a certificate of which he was the rightful holder has been lost or destroyed may obtain a replacement of the certificate.
- (2) *[Revoked]*

Regulation 23(2): revoked, on 18 January 1995, by regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Qualifications required for certificates of competency

Stationary engines and boilers

Headings: replaced, on 1 January 1970, by regulation 8 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Extra first-class stationary engineer

[Revoked]

Heading: revoked, on 18 January 1995, pursuant to regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

24 Qualifications required for extra first-class stationary engineer's certificate

[Revoked]

Regulation 24: revoked, on 18 January 1995, by regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

First-class engine driver

Heading: replaced, on 1 January 1970, by regulation 8 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

25

- (1) In accordance with the Act, a first-class engine driver's certificate entitles the holder to drive and have charge of any boiler, steam turbine, or stationary steam engine (other than a winding engine).
- (2) An applicant for examination for the first-class engine driver's certificate shall—
 - (a) be at least 21 years of age;
 - (b) forward with his application the prescribed fee;
 - (c) furnish a testimonial as required by regulation 16(3);
 - (d) produce satisfactory proof of one of the following service qualifications:
 - (i) service for at least 4 years in the fitting or fitting and turning trade as an apprentice or journeyman in a workshop or workshops where steam engines, steam turbines, or boilers are made or repaired, or on maintenance work associated with large boilers, steam engines, or steam turbines;
 - (ii) having for a period of 2 years, while holding a second-class engine driver's certificate or equivalent, had actual charge of, or fired and attended under the supervision of an engine driver holding an extra first-class or first-class engine driver's certificate, a boiler, or boilers, with a total capacity exceeding 200 horsepower:

- (iii) having for a period of 5 years outside New Zealand been in actual charge of a boiler, or boilers, with a total capacity exceeding the New Zealand rating of 500 horsepower, and having passed the examination for the second-class engine driver's certificate:
- (e) pass an examination the syllabus for which is set out in Part 2 of Schedule 2.

Regulation 25: replaced, on 1 January 1970, by regulation 8 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Second-class engine driver

Heading: replaced, on 1 January 1970, by regulation 8 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

26

- (1) In accordance with the Act, a second-class engine driver's certificate entitles the holder to have charge of any steam boiler, or boilers, not exceeding a total capacity of 500 horsepower, to which no machinery is attached, except—
 - (a) a steam stationary engine (other than a winding engine) the combined cylinder areas of which do not exceed 500 sq in.; or
 - (b) a steam turbine not exceeding 1 000 brake horsepower in output.
- (2) An applicant for examination for a second-class engine driver's certificate shall—
 - (a) be at least 20 years of age:
 - (b) forward with his application the prescribed fee:
 - (c) furnish a testimonial as required by regulation 16(3):
 - (d) produce satisfactory proof of one of the following service qualifications:
 - (i) service for at least 3 years in the fitting or fitting and turning trade as an apprentice or journeyman in a workshop or workshops where steam engines, steam turbines, or boilers are made or repaired, or on maintenance work associated with large boilers, steam engines, or steam turbines:
 - (ii) having for a period of 12 months, while holding a boiler attendant's certificate (or equivalent), either had actual charge of a boiler, or boilers, with a total capacity exceeding 15 horsepower or, under the supervision of an engine driver holding a second-class or higher engine driver's certificate, fired and attended a boiler, or boilers, with a total capacity exceeding 200 horsepower:
 - (iii) having for a period of 3 years outside New Zealand been in actual charge of a boiler, or boilers, with a total capacity exceeding the New Zealand rating of 200 horsepower, and having passed the examination for the boiler attendant's certificate:

- (e) pass an examination the syllabus for which is set out in Part 3 of Schedule 2.

Regulation 26: replaced, on 1 January 1970, by regulation 8 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Boiler attendant

Heading: inserted, on 1 January 1970, by regulation 8 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

26A Boiler attendant's certificate

- (1) In accordance with the Act, a boiler attendant's certificate entitles the holder to have charge of any steam boiler, or boilers, not exceeding a total capacity of 200 horsepower to which no machinery is attached, except—
 - (a) a steam stationary engine (other than a winding engine) the combined cylinder areas of which do not exceed 180 sq in.; or
 - (b) a steam turbine not exceeding 200 brake horsepower in output.
- (2) An applicant for examination for a boiler attendant's certificate shall—
 - (a) be at least 19 years of age;
 - (b) forward with his application form the prescribed fee;
 - (c) furnish a testimonial as required by regulation 16(3);
 - (d) produce satisfactory proof of one of the following service qualifications—
 - (i) service for at least 2 years in the fitting or fitting and turning trade as an apprentice or journeyman in a workshop or workshops where steam engines, steam turbines, or boilers are made or repaired, or on maintenance work associated with large boilers, steam engines, or steam turbines;
 - (ii) having for a continuous period of 6 months, or for a period in the aggregate of 1 040 hours during 12 consecutive months, been in actual charge of a boiler not exceeding 15 horsepower, but not less than 3 horsepower, or, under the supervision of an engine driver holding an extra first-class, first-class, or second-class engine driver's certificate, or under the supervision of a boiler attendant holding a boiler attendant's certificate, for the same continuous or the same aggregate period, fired and attended a boiler or boilers with a combined rating exceeding 15 horsepower;
 - (e) pass an examination the syllabus for which is set out in Part 4 of Schedule 2.

Regulation 26A: inserted, on 1 January 1970, by regulation 8 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 26A(2)(d)(ii): amended, on 1 June 1971, by regulation 4 of the Engine Drivers' Examination Regulations 1952, Amendment No 6 (SR 1971/99).

Winding engines

Winding engine driver: Steam (competency)

27 Steam winding engine driver's certificate

- (1) A steam winding engine driver's certificate entitles the holder to drive and have charge of any steam, air, or hydraulic machinery used for winding purposes in a mine.
- (2) In accordance with the Act, the holder of a steam winding engine driver's certificate is deemed also to be the holder of a boiler attendant's certificate, and he may also drive and have charge of a steam traction engine, a steam locomotive, and a steam log hauling engine and its boiler.
- (3) An applicant for examination for a steam or hydraulic winding engine driver's certificate shall—
 - (a) be at least 21 years of age;
 - (b) forward with his application the prescribed fee;
 - (c) furnish a testimonial as required by regulation 16(3);
 - (d) furnish a medical certificate as required by regulation 20;
 - (e) produce satisfactory proof of the following service qualifications:
 - (i) that, for at least 6 months, he has driven or assisted to drive a steam engine, or attended or assisted in attending a boiler; and
 - (ii) that, for at least 160 hours, he has served as assistant to a certificated winding engine driver in operating a steam, air, or hydraulic winding engine by means of which persons are drawn up, down, or along any shaft, pit, or inclined plane in a mine, or by means of which material is raised or lowered when a shaft is being sunk in a mine:
 - (f) undergo a practical test on a steam, air, or hydraulic winding engine as the case may be, and satisfy an Inspector of Mines and a duly certificated winding engine driver approved by the said Inspector of Mines that the candidate is competent to work the said winding engine in raising and lowering men in a mine:
 - (g) pass an oral examination in the following subjects:
 - (i) the various classes of steam or air machinery used in winding and of their internal and moving parts, and the remedying of simple defects that might arise in the use of any such machinery;
 - (ii) the various appliances and indicators used to show the position of a cage in a shaft or a truck on a plane in which persons are conveyed; also the meaning of the various signals used in mines:
 - (iii) the various kinds of boilers and their connections used to supply steam to winding engines, the effect of impurities in water used in

any such boilers and the various methods adopted to keep them clean, the remedying of simple defects that might arise in the use of boilers, and the prevention of priming in boilers:

- (iv) the power of steam or air machinery:
- (v) all subjects included in the examinations for the locomotive and traction and boiler attendant's certificates.

Regulation 27(2): amended, on 1 January 1970, by regulation 9(1) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 27(3)(b): amended, on 1 January 1970, by regulation 9(2) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 27(3)(g)(v): amended, on 1 January 1970, by regulation 9(3) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Winding engine driver: Electric (competency)

28 Electric winding engine driver's certificate

- (1) An electric winding engine driver's certificate entitles the holder to drive and have charge of any electrically driven machinery used for winding purposes in a mine.
- (2) An applicant for examination for the electric winding engine driver's certificate shall—
 - (a) be at least 21 years of age:
 - (b) forward with his application the prescribed fee:
 - (c) furnish a testimonial as required by regulation 16(3):
 - (d) furnish a medical certificate as required by regulation 20:
 - (e) produce satisfactory proof of the following service (except that, if the applicant is the holder of the steam winding engine driver's certificate, this service will not be required): that, for at least 160 hours, he has served as assistant to a certificated electric winding engine driver in operating an electric winding engine by means of which persons are drawn up, down, or along any shaft, pit, or inclined plane in a mine or by means of which material is raised or lowered when a shaft is being sunk in a mine:
 - (f) undergo a practical test on electric winding machinery and satisfy an Inspector of Mines and a duly certificated electric winding engine driver approved by the said Inspector of Mines that the candidate is competent to work the said electric winding machinery in raising and lowering men in a mine:
 - (g) pass an oral examination in the following subjects:
 - (i) simple questions connected with electric motors used for winding purposes, and their connections:

- (ii) the various appliances used to show the position of a cage in a shaft or a truck on a plane in which persons or materials are conveyed; also the meaning of the various signals used in mines or coal mines:
- (iii) the description and uses of the various brakes used for machinery of this class:
- (iv) the precautions necessary when dealing with electrical machinery, switchboards, and wiring, and the means to be adopted for the restoration of persons suffering from electric shock.

Regulation 28(2)(b): amended, on 1 January 1970, by regulation 10 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Winding engine driver: Restricted

29 Restricted winding engine driver's certificate

- (1) Any person may apply for a winding engine driver's certificate limited in its application to winding engines of a particular class.
- (2) Any such certificate (referred to in these regulations as a restricted winding engine driver's certificate) entitles the holder to drive and have charge of a winding engine of the class mentioned in the certificate, when the engine is used for drawing persons up, down, or along any inclined plane or level in any mine or coal mine.
- (3) An applicant for examination for a restricted winding engine driver's certificate shall—
 - (a) be not less than 21 years of age:
 - (b) forward with his application the prescribed fee:
 - (c) provide a testimonial of sobriety and good conduct for at least 1 year immediately preceding the date of application:
 - (d) produce a medical certificate as required by regulation 20:
 - (e) produce satisfactory proof of one of the following service qualifications:
 - (i) that for at least 6 months he has operated a winding engine of the class mentioned in the restricted certificate applied for engaged in hauling persons on an inclined plane or level under a permit issued by the Secretary; or
 - (ii) that he is the holder of a first or second class engine driver's certificate issued under the provisions of the Act and has undergone a practical test on a winding engine of the class mentioned in the restricted certificate now applied for in the presence of an Inspector of Mines, and has satisfied the Inspector that the candidate is competent to work the said winding engine when persons are hauled up, down, or along an inclined plane or level; or

- (iii) that he has had at least 12 months' actual experience assisting in the operation of a winding engine of the class mentioned in the restricted certificate now applied for engaged in hauling on an inclined plane or level, and has undergone a practical test on a winding engine of that class in the presence of an Inspector of Mines and has satisfied the Inspector that the candidate is competent to work the said winding engine when persons are being hauled up, down, or along an inclined plane or level:
- (f) pass an oral examination in the following subjects:
 - (i) a description of a winding engine of a class in respect of which the certificate is sought:
 - (ii) the construction of the said winding engine and the principle on which it works:
 - (iii) the braking system of the said winding engine and how wear may be taken up, how simple defects to the engine can be remedied, how the haulage rope is attached to both load and engine, what precautions should be taken to keep it in good order, and what are likely to be the first indications of excessive wear:
 - (iv) in the case of engines driven by electric power, an elementary knowledge of an electric motor, the system used for starting and controlling the speed of the motor, and how the power of the motor is transferred to the machine. The safety precautions necessary when dealing with electrical machinery, switchboards, and wiring, and the means to be adopted for the restoration of persons suffering from electric shock.

Regulation 29(3)(b): amended, on 1 January 1970, by regulation 11 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Locomotive and traction engines

Locomotive and traction engine driver (competency)

30 Locomotive and traction engine driver's certificate

- (1) The holder of the locomotive and traction engine driver's certificate may drive and have charge of any steam engine propelled or moved from place to place by its own motive power or machinery. He is also, in accordance with the Act, deemed to be the holder of a boiler attendant's certificate.
- (2) An applicant for examination for the locomotive and traction engine driver's certificate shall—
 - (a) be at least 21 years of age:
 - (b) forward with his application the prescribed fee:
 - (c) furnish a testimonial as required by regulation 16(3):

- (d) furnish a medical certificate as required by regulation 20:
- (e) produce satisfactory proof of at least 1 of the following service qualifications:
 - (i) having been for at least 6 months engaged at firing or steering a steam locomotive or steam traction engine; or
 - (ii) having been for at least 6 months in charge of a steam engine and boiler:
- (f) pass an oral examination in the following subjects:
 - (i) the rule of the road, and under what conditions traction engines are allowed to travel on public roads and highways:
 - (ii) the meanings of all the various lights and signals used on railways and railway crossings in New Zealand:
 - (iii) the details of the various parts of a steam locomotive and a steam traction engine, and the use of each part:
 - (iv) how temporary repairs could be effected in case of simple defects to engines or boilers:
 - (v) the use of the various cocks, gauges, valves, and connections on boilers used for locomotive and traction purposes:
 - (vi) the feeding of boilers and the effect of impurities in water used in any such boilers, and the methods used to keep them clean:
 - (vii) the syllabus for examination for a boiler attendant's certificate as set out in Part 4 of Schedule 2.

Regulation 30(1): amended, on 1 January 1970, by regulation 12(1) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 30(2)(b): amended, on 1 January 1970, by regulation 12(2) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 30(2)(f)(vii): replaced, on 1 January 1970, by regulation 12(3) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Locomotive engine driver (competency)

31 Locomotive engine driver's certificate

- (1) The holder of a locomotive engine driver's certificate may drive and have charge of any steam locomotive engine propelled or moved from place to place by its own motive power or machinery. He is also, in accordance with the Act, deemed to be the holder of the boiler attendant's certificate.
- (2) An applicant for examination for the locomotive engine driver's certificate shall—
 - (a) be at least 21 years of age:
 - (b) forward with his application the prescribed fee:
 - (c) furnish a testimonial as required by regulation 16(3):

- (d) furnish a medical certificate as required by regulation 20:
- (e) produce satisfactory proof of at least 1 of the following service qualifications:
 - (i) having been, for at least 6 months, engaged at firing or steering a steam locomotive or steam traction engine; or
 - (ii) having been, for at least 6 months, in charge of a steam engine and boiler:
- (f) pass an oral examination in the following subjects:
 - (i) the meanings of all the various lights and signals used on railways and railway crossings in New Zealand:
 - (ii) the details of the various parts of steam locomotive engines, and use of each part:
 - (iii) how temporary repairs could be effected in case of simple defects in a locomotive engine or boiler:
 - (iv) the use of the various cocks, gauges, valves, and connections on boilers used for locomotive purposes:
 - (v) the feeding of boilers and the effect of impurities in water used in any such boilers, and the methods used to keep them clean:
 - (vi) the syllabus for examination for a boiler attendant's certificate as set out in Part 4 of Schedule 2.

Regulation 31(1): amended, on 1 January 1970, by regulation 13(1) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 31(2)(b): amended, on 1 January 1970, by regulation 13(2) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 31(2)(f)(vi): replaced, on 1 January 1970, by regulation 13(3) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Traction engine driver (competency)

32 Traction engine driver's certificate

- (1) The holder of a traction engine driver's certificate may drive and have charge of any steam traction engine propelled or moved from place to place by its own power or machinery. He may also drive and have charge, as a stationary engine, of any steam traction engine which he owns or is employed to drive as a traction engine.
- (2) An applicant for examination for a traction engine driver's certificate shall—
 - (a) be at least 21 years of age:
 - (b) forward with his application the prescribed fee:
 - (c) furnish a testimonial as required by regulation 16(3):
 - (d) furnish a medical certificate as required by regulation 20:

- (e) produce satisfactory proof of at least 1 of the following service qualifications:
 - (i) having been, for at least 6 months, engaged at firing or steering a steam locomotive or steam traction engine; or
 - (ii) having been, for at least 6 months, in charge of a steam engine and boiler:
- (f) pass an oral examination in the following subjects:
 - (i) the rules of the road, and under what conditions traction engines are allowed to travel on public roads and highways:
 - (ii) the meanings of all the various lights and signals used on railway crossings in New Zealand:
 - (iii) the details of the various parts of steam traction engines and the use of each part:
 - (iv) how temporary repairs could be effected in case of simple defects in a traction engine or boiler:
 - (v) the use of the various cocks, gauges, valves, and connections on boilers used for traction purposes:
 - (vi) the feeding of boilers and the effects of impurities in water used in any such boilers, and the methods used to keep them clean.

Regulation 32(2)(b): amended, on 1 January 1970, by regulation 14 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Certificates of service

First and second class engine driver

[Revoked]

Heading: revoked, on 1 January 1970, by regulation 15 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

33

[Revoked]

Regulation 33: revoked, on 1 January 1970, by regulation 15 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

First class engine driver's certificate of service

[Revoked]

Heading: revoked, on 1 January 1970, by regulation 15 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

34

[Revoked]

Regulation 34: revoked, on 1 January 1970, by regulation 15 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Second class engine driver's certificate of service

[Revoked]

Heading: revoked, on 1 January 1970, by regulation 15 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

35

[Revoked]

Regulation 35: revoked, on 1 January 1970, by regulation 15 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Recognition of certificates from outside New Zealand

36 Recognition of certificates from outside New Zealand

- (1) The Secretary may, without examination, grant any certificate of competency under these regulations to any person of good repute who satisfies the Board that he is the holder of a corresponding certificate of equal status granted after examination by any duly constituted and recognised authority outside New Zealand.
- (2) An applicant for a certificate under these provisions shall—
 - (a) be of the age prescribed for the desired certificate:
 - (b) make his application on the form Marine 376 set out in the Schedule:
 - (c) forward with his application the prescribed fee:
 - (d) forward with his application a testimonial in accordance with regulation 16(3):
 - (e) forward with his application the certificate from outside New Zealand upon which his application is based:
 - (f) furnish a medical certificate, in accordance with regulation 20, if the application is for a winding, a locomotive, a traction, or a locomotive and traction engine driver's certificate.

Regulation 36(2)(c): amended, on 1 January 1970, by regulation 16 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

*Recognition of railway engine driver's certificates***37 Recognition of railway engine driver's certificates**

- (1) Any person of good repute who has passed the New Zealand Government Railways examination as steam engine driver, and is or has been employed in the New Zealand Government Railways in driving either a steam locomotive or a stationary steam engine, shall be entitled, without examination or payment of fee, to obtain a certificate of competency under these regulations.
- (2) A person who has been employed as aforesaid as driver of a steam locomotive shall be entitled to receive a locomotive and traction engine driver's certificate, and a person who has been employed as driver of a stationary steam engine shall be entitled to receive a boiler attendant's certificate.
- (3) The provisions of subclauses (1) and (2) shall, with the necessary modifications, extend and apply to engine drivers employed on any railway in the United Kingdom or on any railway the property of the Government of any part of the British Commonwealth.
- (4) The following provisions shall apply to applicants for certificates under this regulation:
 - (a) in the case of an application for the locomotive and traction engine driver's certificate by a person having had service in the New Zealand Government Railways, the applicant shall—
 - (i) make application on the form Marine 376 set out in the Schedule:
 - (ii) forward a reference in accordance with regulation 16(3):
 - (iii) furnish a medical certificate in accordance with regulation 20:
provided that if the applicant is at the date of his application still in the employ of the New Zealand Government Railways, the provisions of subparagraphs (ii) and (iii) shall not apply:
 - (b) in the case of an application for the boiler attendant's certificate by a person having had service in the New Zealand Government Railways, that person shall—
 - (i) make application on the form Marine 376 set out in the Schedule:
 - (ii) forward a reference in accordance with regulation 16(3):
provided that if the applicant is at the date of his application still in the employ of the New Zealand Government Railways, the provisions of subparagraph (ii) shall not apply:
 - (c) for the purposes of paragraphs (a) and (b) the necessary details of the qualifications and service of the applicant shall be obtained by the Secretary from the General Manager of the New Zealand Government Railways:

- (d) in the case of an application for the locomotive and traction engine driver's certificate by a person with service on a British railway outside New Zealand, that person shall—
 - (i) make application on the form Marine 376 set out in the Schedule:
 - (ii) furnish a reference in accordance with regulation 16(3):
 - (iii) furnish a medical certificate in accordance with regulation 20:
 - (iv) produce a certificate of service from the management of the railway, giving details of his service, and showing that the applicant has qualified as a steam locomotive driver and has actually been employed in that capacity on the railway:
- (e) in the case of an application for the boiler attendant's certificate by a person with service on a British railway outside New Zealand, that person shall—
 - (i) make application on the form Marine 376 set out in the Schedule:
 - (ii) furnish a reference in accordance with regulation 16(3):
 - (iii) produce a certificate of service from the management of the railway, giving details of his service, and showing that the applicant has qualified as a stationary steam engine driver and has actually been employed in that capacity on the railway.

Regulation 37(1): amended, on 1 January 1970, by regulation 17(1) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 37(2): replaced, on 1 January 1970, by regulation 17(2) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264)

Regulation 37(4)(b): amended, on 1 January 1970, by regulation 17(3) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 37(4)(d)(iv): amended, on 1 January 1970, by regulation 17(3) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 37(4)(e): amended, on 1 January 1970, by regulation 17(3) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Regulation 37(4)(e)(iii): amended, on 1 January 1970, by regulation 17(3) of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

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- (1) The Regulations for Examinations for Certificates, made under the Inspection of Machinery Act 1928 on 31 August 1931, and published in the *Gazette* of 3 September 1931 at page 2501, and the Amending Regulations for Examinations for Certificates, made under the Inspection of Machinery Act 1928 on 7 October 1931, and published in the *Gazette* of 12 October 1931 at page 2497, are hereby revoked.
- (2) Without limiting the provisions of the Acts Interpretation Act 1924, it is hereby declared that the revocation of any provision by these regulations shall not affect any document made or any thing whatsoever done under the provision so revoked or under any corresponding former provision, and every such docu-

ment or thing, so far as it is subsisting or in force at the time of the revocation, and could have been made or done under these regulations, shall continue and have effect as if it had been made or done under the corresponding provision of these regulations and as if that provision had been in force when the document was made or the thing was done.

Schedule 1

[Revoked]

Schedule 1: revoked, on 18 January 1995, by regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Schedule 2

Schedule 2: inserted, on 16 August 1968, by regulation 8 of the Engine Drivers' Examination Regulations 1952, Amendment No 4 (SR 1968/144).

Part 1

Syllabus for examination as extra first-class stationary engineer

[Revoked]

Schedule 2 Part 1: revoked, on 18 January 1995, by regulation 7(a) of the Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311).

Part 2

Syllabus for examination as first-class engine driver

Schedule 2 Part 2: inserted, on 1 January 1970, by regulation 19 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Practical Mathematics and Applied Mechanics

(One paper of 2½ hours duration)

The questions will be concerned with—

- (a) use of the imperial and metric systems for calculations involving length, area, volume, weight, velocity, motion, and time:
- (b) use of fractions, factors, multiples, and decimals:
- (c) relationship of percentages to fractions, decimals, and numerical values:
- (d) calculation of logarithms, squares, cubes, square roots, average values, and proportional values:
- (e) use of logarithms:
- (f) calculation of areas and volumes of figures bounded by straight lines. The calculation of irregular areas and volumes by use of Simpson's rule and the mid-ordinate rule:
- (g) conversion of units from the metric system to the imperial system and the reverse operation:
- (h) use of straight line formulae to determine points on a given line or its extensions and the intercepts of 2 lines:
- (i) solution of simple simultaneous equations:
- (j) solution of simple quadratic equations:

- (k) use of symbolic expression and substitution in formulae:
- (l) use of brackets:
- (m) use of the 6 primary trigonometrical ratios, and their application to practical problems:
- (n) forces, moments, couples, and work. Graphic representation of work and calculations from force distance diagrams. Moments of forces, resultant moments, principle of moments, couples:
- (o) mass and density. Relative density. The determination of densities of solids and liquids. The principle of Archimedes:
- (p) composition and resolution of forces and the application to forces in equilibrium and determination of the resultants. The triangle of forces. The use and application of Bow's Notation to solve simple force diagrams:
- (q) Newton's Laws of motion:
- (r) velocity ratio, mechanical advantage, and efficiency of simple machines and the solution of problems concerning such as the lever, inclined plane, screw, simple and compound wheel and axle, rope pulleys, Weston's differential pulley, worm and worm wheel, belt drives, crab winches, compound levers, gear drives, and hydraulic jacks:
- (s) friction laws, coefficients of friction, energy, and power loss due to friction:
- (t) momentum in a straight line. The momentum equation. Rate of change of momentum in a straight line:
- (u) energy. Kinetic energy in straight line motion. The energy equation. Potential energy. Conservation of energy. Centrifugal force:
- (v) motion on an inclined plane:
- (w) the simple pendulum. Simple harmonic motion:
- (x) angular velocity and acceleration. Use of moment of inertia and radius of gyration. Kinetic energy and angular momentum. Torque and angular acceleration:
- (y) power. Transmission of motion and power. Simple mechanisms. Indicated and brake horsepower. Efficiency. Calculation of indicated and brake horsepower of steam and internal combustion engines. Measurement of brake horsepower. Work done by torque. Horsepower transmission by shafting, gearing, and belts. Belt tensions:
- (z) strength of materials. The bending of beams, simple supported and cantilevered under point loads, uniformly distributed loads and a combination of each:
- (aa) shear force and bending moment diagrams:
- (bb) stress, strain, and the modulus of elasticity. Hooke's Law:
- (cc) strain gauges. Moments of inertia of simple beam sections:
- (dd) determination of stress in solid shafts in torsion:
- (ee) bending and torsion formulae:

- (ff) simple testing of materials and the properties of those in more common use:
- (gg) resisting torque. Shaft couplings and their bolt location for given stress or operating conditions:
- (hh) relationship between pressure of a liquid and depth. Total thrust and centre of pressure of water on a vertical wall. Resultant force. Head and energy of water. Force of a jet of liquid. The Pelton wheel. Calculation of horsepower. Lift and force pumps. Transmission of pressure through a liquid. The hydraulic press.

Engineering Knowledge

(One paper of 2½ hours duration. The candidate is expected to supplement his answers by the use of appropriate sketches and diagrams and answer in more detail than a candidate for an examination of a lower grade.)

Questions will be concerned with—

- (a) methods of manufacture and processing of steel and steel alloys. The properties of the more common engineering materials:
- (b) welding principles and methods:
- (c) principles of construction and operation of various types of boilers including water tube types, the horizontal shell-furnace and return tube types, shell types, locomotive types, vertical types, and other types of boiler in use such as forced circulation boilers:
- (d) principles of construction and operation of steam turbines, steam engines, their fittings and ancillary equipment such as pumps and condensers:
- (e) principles of construction and operation of boiler fittings and ancillary equipment such as superheaters, economisers, safety valves, stop valves, feed water controllers, level alarms, feed water heaters, deaerators, desuperheaters, and feed filters:
- (f) properties of superheated steam, saturated steam and higher temperature hot water, and their particular uses and disadvantages:
- (g) properties of various solid, liquid and gaseous fuels, their preparation for burning, and the various methods of firing used:
- (h) determination of the calorific values of solid, liquid, and gaseous fuel and the significance of the values obtained:
- (i) steam, feed water, and fuel circuits.

Boiler Management

(One paper of 2½ hours duration)

The questions will be concerned with—

- (a) legal requirements affecting boiler owners and operating staff concerning boiler and steam plant operation, survey requirements, and repair:

- (b) requirements concerning the fitting of gauge glasses, safety valves, low water alarms, and cut outs:
- (c) requirements concerning maintenance and testing of various fittings and controls on boilers:
- (d) operation, reading, and repair of the various types of gauge glasses:
- (e) methods of feed water purity control and the effect of various impurities in the water:
- (f) causes, effects, and remedies for scale and corrosion. Formation of scales and deposits:
- (g) combustion of solid, liquid, and gaseous fuels:
- (h) precautions necessary when raising steam and operating stop valves. The dangers, causes, and prevention of water hammer:
- (i) meaning and calculation of boiler evaporation rates and boiler horsepower:
- (j) construction and operation of types of fire extinguishers in common use and the purposes for which particular types are suitable:
- (k) maintenance required on boilers, steam turbines and steam engines, the defects which may develop and the manner by which they are detected:
- (l) safety provisions and requirements such as are applied to boiler and steam installations covering both the equipment and the personnel.

Engineering Drawing

(One paper of 3 hours duration)

The syllabus for this examination is the same as for the syllabus for the examination in engineering drawing for second-class engine drivers, but a much higher standard of competency is required of the candidate for this examination who will be expected to answer questions of greater complexity. The candidate will also be expected to construct an helix to required proportions.

Oral Examination

The oral examination may cover any matter in the syllabus for written examination. Emphasis will be mainly on the subjects of Engineering Knowledge and Boiler Management to determine the candidate's awareness of safety requirements.

Part 3

Syllabus for examination as second-class engine driver

Schedule 2 Part 3: inserted, on 1 January 1970, by regulation 19 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

Practical Mathematics

(One paper of 1½ hours duration. The use of logarithms is optional)

The questions will be concerned with—

- (a) use of addition, subtraction, multiplication, division, proportion, fractions, percentages, factors, decimals, squares, cubes and the extraction of square roots:
- (b) use of the imperial and metric systems for calculations involving length, area, volume, weight, velocity and time:
- (c) calculation of areas and volumes of figures bounded by straight lines. Calculation of irregular areas and volumes by use of Simpson's rule and the mid-ordinate rule:
- (d) conversion of units from the metric system to the imperial system and the reverse operation:
- (e) use of brackets and the general transposition of formulae.

Engineering Knowledge

(One paper of 1½ hours duration. The candidate is expected to supplement his answers by the use of appropriate sketches and diagrams.)

The questions will be concerned with—

- (a) safety requirements and provisions relating to the operation of turbines and engines:
- (b) properties of the more common engineering materials, the manner by which they are produced, the way in which they are formed into engineering components and their particular advantages and disadvantages in engineering work:
- (c) principles of construction and operation of the various types of boilers, steam turbines, steam engines and their fittings, and ancillary equipment:
- (d) steam, feed water, and fuel circuits:
- (e) operation, reading, and repair of the various types of gauge glasses:
- (f) causes, effects, and remedies for scale and corrosion:
- (g) precautions necessary when raising steam and operating stop valves. The dangers, causes, and prevention of water hammer:
- (h) maintenance required on boilers, steam turbines, and steam engines. Defects which may develop in them and the ways by which they are detected.

Drawing

(One paper of 2 hours duration)

The candidate should be familiar with the use of drawing instruments and also drawing equipment such as the drawing board, T-squares, set squares, scale rules, protractors, and french curves:

He should also understand and be able to use the various types of standard lines, notes, lettering, and figures, etc, used to amplify the drawing itself.

The drawing examination will be concerned with the production of an accurate scale drawing illustrating some part of a boiler, turbine, or machinery in sufficient detail for its practical manufacture and will include the following:

First and third angle projection. The use and understanding of oblique and isometric drawings and freehand sketches:

Views and half views, half and full sections:

Construction of an ellipse to the required proportions:

Drawings including drawings of fastenings with a knowledge of the proportions of screw threads, set screws, keys and keyways, nuts and bolts, locknuts, castlenuts, split pins, etc:

Drawings including drawings of riveted joints and welded joints and their general proportions.

Oral Examination

The oral examination may cover any matter in the syllabus for written examination. Emphasis will be mainly on the subject of Engineering Knowledge to determine the candidate's awareness of safety requirements.

Part 4

Syllabus for examination as boiler attendant

Schedule 2 Part 4: inserted, on 1 January 1970, by regulation 19 of the Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264).

The candidate is expected to show by oral examination that he is familiar with all types of boilers and that he can describe—

- (a) the construction and operation of the various types of boiler, steam turbines, steam engines, their fittings, and ancillary equipment:
- (b) steam, feed water, and fuel circuits:
- (c) the operation, reading, and repair of the various types of gauge glasses:
- (d) the causes, effects, and remedies for scale and corrosion:
- (e) the precautions necessary when raising steam and operating stop valves. The dangers, causes, and prevention of water hammer:
- (f) maintenance required on boilers, steam turbines, and steam engines. Defects which may develop and the ways in which they are detected.

T J Sherrard,
Clerk of the Executive Council.

Reprints notes

1 *General*

This is a reprint of the Engine Drivers' Examination Regulations 1952 that incorporates all the amendments to those regulations as at the date of the last amendment to them.

2 *Legal status*

Reprints are presumed to correctly state, as at the date of the reprint, the law enacted by the principal enactment and by any amendments to that enactment. Section 18 of the Legislation Act 2012 provides that this reprint, published in electronic form, has the status of an official version under section 17 of that Act. A printed version of the reprint produced directly from this official electronic version also has official status.

3 *Editorial and format changes*

Editorial and format changes to reprints are made using the powers under sections 24 to 26 of the Legislation Act 2012. See also <http://www.pco.parliament.govt.nz/editorial-conventions/>.

4 *Amendments incorporated in this reprint*

Education and Training Act 2020 (2020 No 38): section 668

Health Practitioners Competence Assurance Act 2003 (2003 No 48): section 175(3)

Engine Drivers' Examination Regulations 1952, Amendment No 14 (SR 1994/311)

Engine Drivers' Examination Regulations 1952, Amendment No 7 (SR 1973/184)

Engine Drivers' Examination Regulations 1952, Amendment No 6 (SR 1971/99)

Engine Drivers' Examination Regulations 1952, Amendment No 5 (SR 1969/264)

Engine Drivers' Examination Regulations 1952, Amendment No 4 (SR 1968/144)