

1966/41



## THE PLUMBERS AND GASFITTERS REGULATIONS 1966

BERNARD FERGUSSON, Governor-General

### ORDER IN COUNCIL

At the Government Buildings at Wellington this 4th day of April 1966

Present:

THE RIGHT HON. KEITH HOLYOAKE, C.H., PRESIDING IN COUNCIL

PURSUANT to the Plumbers and Gasfitters Registration Act 1964, His Excellency the Governor-General, acting by and with the advice and consent of the Executive Council, hereby makes the following regulations.

### REGULATIONS

**1. Title and commencement**—(1) These regulations may be cited as the Plumbers and Gasfitters Regulations 1966.

(2) These regulations shall come into force on the day after the date of their notification in the *Gazette*.

**2. Interpretation**—In these regulations, unless the context otherwise requires,—

“The Act” means the Plumbers and Gasfitters Registration Act 1964:

“Required fee” means a fee charged by the Board pursuant to the power conferred on it by paragraph (d) of subsection (2) of section 7 of the Act.

**3. Appointment of Secretary**—(1) Subject to the agreement of the State Services Commission, the Board may from time to time procure the appointment of some officer of the Public Service or appoint some other person to be the Secretary of the Board.

(2) The fact that any person describes himself in any document or signs any document as the Secretary of the Board shall be *prima facie* evidence that he is the Secretary of the Board for the time being.

**4. Registers**—Each of the registers referred to in subsection (1) of section 9 of the Act shall be kept in the form set out in the First Schedule hereto and the particulars shown on that form shall be completed in respect of each entry in any such register.

**5. Arrangement of examinations**—(1) The Board shall at least once in every calendar year hold, at such convenient places as the Board may decide, examinations of candidates for registration as plumbers under paragraph (b) of section 10 and examinations of candidates for registration as gasfitters under paragraph (b) of section 11 of the Act.

(2) The Board shall, by advertisement in such newspapers published in New Zealand as it thinks fit, give due notice of the dates and places at which the examinations will be held.

(3) Every candidate shall give notice in the form provided by the Board of his intention to present himself for examination, and the notice accompanied by the required fee shall be sent so as to reach the Secretary of the Board on or before the 1st day of August in the year of the examination, or such other date as the Board may specify with respect to any particular examination:

Provided that the Board may, if it thinks fit, with or without payment of a further required fee, accept an application up to and including the 14th day of August or the fourteenth day following the date so specified, as the case may require.

**6. Subjects of examinations—**(1) The subject matter on which candidates for registration as plumbers shall be examined shall be that set out in the Second Schedule hereto.

(2) The subject matter on which candidates for registration as gasfitters shall be examined shall be that set out in the Third Schedule hereto.

(3) Each examination shall consist of two parts, namely:

- (a) A written examination for which not less than three hours shall be allowed;
- (b) A practical test of workmanship.

**7. Conduct of examinations—**(1) The material for the practical tests other than tests conducted under subclause (2) of regulation 8 hereof shall be supplied by the Board, but each candidate shall provide his own tools and may be required by the Board to provide any necessary appliances.

(2) Each examination may be passed as a whole or in two parts; but no candidate shall be allowed to present himself for either examination or either part thereof until,—

- (a) In the case of a candidate for the examination for plumbers, he has served at least 9,000 hours of an apprenticeship as a plumber or has been engaged in the plumbing trade for not less than seven years;
- (b) In the case of a candidate for the examination for gasfitters, he has—
  - (i) Served at least 9,000 hours of an apprenticeship as a gasfitter; or
  - (ii) Completed an apprenticeship as a plumber and since held a limited certificate to do gasfitting for not less than two years, and satisfies the Registrar that during that period he was engaged in gasfitting; or
  - (iii) Been engaged in gasfitting for not less than five years; or
  - (iv) Been registered as a plumber and held a limited certificate to do gasfitting for not less than one year, and satisfies the Registrar that during that period he was engaged in gasfitting.

(3) On payment of the required fee within one month after the date of the notification of the result of the examination a candidate may have his work reassessed by the examiners. If, as a result, his marks are increased, the fee paid shall be refunded to him.

**8. Further provisions relating to examinations**—(1) Notwithstanding anything in regulations 5 to 7 of these regulations—

- (a) A candidate for the examination for gasfitters shall not be required to be examined in the practical test of workmanship if he has already passed the practical test of workmanship in the examination for plumbers:
- (b) The Registrar may, if he thinks fit, permit any person who has reached within 160 hours of completion of a period of apprenticeship specified in regulation 7 hereof, or within one month of completion of any other period specified in that regulation, to present himself for the examination for plumbers or the examination for gasfitters, as the case may require, or for either part of any such examination:
- (c) The Board may, if it thinks fit, reduce any period specified in regulation 7 of this regulation in the case of any person who has served an apprenticeship in whole or in part, or has been otherwise employed in, a trade other than the trade in which he seeks to be examined under these regulations.

(2) Notwithstanding anything in regulations 5 to 7 of these regulations, or in subclause (1) of this regulation, the Board may permit any person to undergo that part of an examination which consists of a practical test of workmanship by stages during the currency or after the termination of any period specified in regulation 7 hereof, in such manner, at such place or places, under the supervision of such person or persons, and with the result of each stage authenticated by such evidence, as the Board may determine, and subject to such other conditions as it may see fit to impose.

**9. Form of certificates and licences**—(1) Every person who passes an examination prescribed by these regulations shall be entitled, without payment of any fee, to a certificate in a form prescribed by the Board, authenticated with the seal of the Board and signed as required by section 6 of the Act.

(2) The issue of a certificate pursuant to subclause (1) of this regulation shall not be deemed to entitle any person to registration without payment of the fee prescribed in subclause (1) of regulation 12 hereof.

(3) A certificate of registration issued under section 12 of the Act, a licence issued under subsection (3) of section 13 of the Act, a provisional licence issued under subsection (1) of section 14 of the Act, and a limited certificate issued under section 15 or subsection (1) of section 16 of the Act shall each be in a form prescribed by the Board.

**10. Duration of limited certificates**—(1) A limited certificate issued to an apprentice plumber, or to a person serving an apprenticeship in the gasfitting trade, shall continue in force until the period of apprenticeship is completed or the apprenticeship is otherwise determined.

(2) A limited certificate issued to a journeyman plumber, or to a person engaged in the gasfitting trade otherwise than as an apprentice, shall continue in force during the year or years in respect of which it is issued or renewed.

(3) Subject to subclause (1) of this regulation, a limited certificate may be issued or renewed for any period of years not exceeding five, and may, subject to the approval of the Postmaster-General, be renewed through any Post Office.

(4) Any person who is entitled to renew a limited certificate shall be deemed to have obtained such renewal when he has duly applied for it and paid the prescribed fee, if any.

(5) A limited certificate, whether issued under subclause (1) or subclause (2) of this regulation, which is not renewed within one year after expiry shall lapse, and, on such lapsing coming to the attention of the Registrar, the Register of Holders of Limited Certificates shall be noted accordingly, but nothing herein contained shall entitle any person to do sanitary plumbing or gasfitting after his limited certificate has expired and before it has been renewed.

(6) In this regulation "year" means the period of 12 months beginning on the 1st day of April in any year and ending with the 31st day of March next following.

**11. Appeals**—(1) Where the Board makes in respect of any person a decision from which that person has a right of appeal under the Act, the Registrar shall forthwith inform that person of the Board's decision.

(2) If the person decides to appeal from that decision, he shall, within the time prescribed by section 29 of the Act, give to the Registrar notice of appeal in the form set out in the Fourth Schedule hereto.

(3) As soon as practicable after receiving the notice of appeal the Registrar shall inform the appellant of the name of the person appointed to act as assessor on behalf of the Board at the hearing, and of the name of the Magistrate who will be the Chairman of the Appeal Tribunal, and shall at the same time send to the Magistrate a copy of the Board's decision and of the notice of appeal.

(4) The Appeal Tribunal shall hear and determine the appeal at such convenient place and time as may be decided by the Magistrate.

(5) The Magistrate shall cause at least seven days' previous notice of the place and time of hearing to be given to the assessors, the Board, and the appellant.

(6) At the hearing of the appeal the appellant may himself appear and give evidence, and may either be heard in person or be represented by some other person or by a solicitor or counsel; and evidence may be given on behalf of the Board by any person, whether a member thereof or not, appointed by that Board, and any such person may be heard on its behalf, or it may be represented by a solicitor or counsel.

(7) The order made in respect of the appeal shall be in writing signed by the Magistrate and at least one of the assessors. A copy of the order shall be given to both the appellant and the Board; and the Board shall forthwith give effect to the order.

**12. Fees**—(1) The fee for registration under paragraph (b) or paragraph (c) of section 10 of the Act shall be £1.

(2) The fee for registration under section 11 of the Act shall be £1.

(3) Subject to subclause (9) of this regulation, the fee for a certificate of registration under section 12 of the Act shall be £1.

(4) Subject to subclause (9) and paragraph (a) of subclause (10) of this regulation, the fee for a licence under section 13 of the Act shall be £1 in respect of every year for which the licence is issued.

(5) Subject to subclause (9) of this regulation, the fee for a provisional licence under section 14 of the Act shall be £1.

(6) Subject to subclause (9) and paragraph (b) of subclause (10) of this regulation, the fee for a limited certificate under section 15 or section 16 of the Act shall be £1 in respect of every year for which the certificate is issued:

Provided that where any such certificate is issued between the 1st day of January in any year and the 1st day of April next following no part of that period shall be taken into account in calculating the fee (if any) which is payable.

(7) Subject to subclause (9) of this regulation, the fee for the renewal of a limited certificate shall be £1 in respect of every year for which the certificate is renewed.

(8) Subject to paragraph (c) of subclause (10) of this regulation, the fee for the correction of a register or the restoration of a name to a register pursuant to subsection (5) of section 18 or subsection (2) of section 19 of the Act shall be £1.

(9) In any case where a person is registered both as a plumber and a gasfitter or holds a provisional licence or a limited certificate to do both plumbing and gasfitting the fees payable by that person shall be calculated separately in respect of each such capacity.

(10) No fee shall be payable—

(a) Upon the issue of a licence under section 13 of the Act to any person during the period from the 1st day of April in any year to the 31st day of March next following if during that period the name of that person was for the first time entered in the register pursuant to section 10 or section 11 of the Act:

(b) Upon the issue of a limited certificate to any apprentice in plumbing or gasfitting:

(c) For the correction of any error in a register for which the person registered is not responsible.

**13. Revocations**—The Plumbers Regulations 1951\* and the Plumbers Regulations 1951, Amendment No. 5†, are hereby revoked.

## SCHEDULES

Reg. 4

### FIRST SCHEDULE

#### FORM OF REGISTER

Registration Number	Date of Registration	Name in Full	Postal Address	Authority Under Which Registered

## SECOND SCHEDULE

Reg. 6 (1)

## SYLLABUS OF EXAMINATION FOR PLUMBERS

*Part I—Written Examination*

1. Workshop arithmetic, geometry, and drawing as applied to plumbing work.
2. The properties and use of metals and other materials, tools, and appliances relating to general plumbing work, hot and cold water supplies, and sanitary plumbing.
3. General plumbing practice.
4. A knowledge of the design and construction of sanitary appliances, and of the principles relating to the flushing, ventilation, and disconnection of sanitary fittings, wastes, drains, etc.
5. The testing of soil pipes, vent pipes, and waste pipes, and of drains and sanitary fittings.
6. An elementary knowledge of the scientific principles applicable to plumbing work.
7. An elementary knowledge of the properties and of the principles affecting the storage, conveyance, and distribution of water.
8. Knowledge of the principles applicable to the bending, jointing, welding, and brazing of metal pipes, and other materials used in plumbing.
9. A knowledge of the design and construction of drainage systems, sewage tanks, grease traps, inspection chambers, and drainage fittings.
10. General drainage practice.
11. An elementary knowledge of the scientific principles applicable to drainage work.
12. Knowledge of the requirements of the Drainage and Plumbing Regulations 1959\*, the Water Supplies Protection Regulations 1961†, and other enactments relating to sanitary plumbing.

*Part II—Practical Test of Workmanship*

This part will be of an advanced character and will be such as to show that the candidate can execute in a satisfactory manner within a reasonable time the following practical plumbing work:

- (a) Lead burning, sheet-lead bossing, and joint wiping:
- (b) Copper-pipe bending, jointing, welding, and brazing:
- (c) The jointing, bending, and manipulation of other pipes, hard sheet metals, and materials used in plumbing work:
- (d) The oxy-acetylene gas cutting and welding of pipes and hard sheet metals:
- (e) The bending, preparation, and jointing of lead pipes up to 4 in. in diameter in any position by all methods or processes except that mechanical methods will not be permitted. Heat is allowed and any means of heat must be supplied by the candidate. The use of springs in pipe bending will not be permitted except by an expressed direction in the examination paper.

\*S.R. 1959/19  
 Amendment No. 1: S.R. 1965/29  
 Amendment No. 2: S.R. 1966/15  
 †S.R. 1961/86

SECOND SCHEDULE—*continued*

NOTE—In wiping a solder joint to a lead pipe—

- (i) Where the diameter of one or both of the pipes in the joint is less than 3 in., heat must be applied by means of hot metal alone:
- (ii) Where both pipes in the joint have a diameter of 3 in. or more, heat may be applied by means of a blowlamp or other means approved by the Board:
- (iii) Four lead-burnt tacks of not more than  $\frac{1}{4}$  in. in length may be used for partial fixing of lead pipes prior to wiping the joint.

Reg. 6 (2)

## THIRD SCHEDULE

## SYLLABUS OF EXAMINATION FOR GASFITTERS

*Part I—Written Examination*

1. Workshop arithmetic, geometry, and drawing as applied to gasfitting work.
2. The properties and use of metals and other materials, tools and appliances relating to general gasfitting work.
3. Cold water supplies and gas-heated hot water supply systems.
4. General gasfitting practices.
5. A knowledge of the design and construction of gas meters and gas appliances, valves, cocks, governors, and regulators.
6. The installation and connection of gas meters, gas service pipes, and the carcassing or installation of internal gas supply pipes.
7. The installation of gas appliances.
8. A knowledge of the purpose of flues. The fixing, flashing, and testing of flue pipes.
9. A knowledge of the design, operation, and construction of canopies and of the provision of ventilators.
10. Safety precautions and the testing of gas appliances and gas services and internal supply pipes.
11. An elementary knowledge of the scientific principles applicable to gasfitting work.
12. A knowledge of the composition and qualities of various types of gas used in gas appliances in New Zealand, including manufactured gas, town gas, natural gas, liquid petroleum (L.P.) gas, and tempered liquid petroleum (T.L.P.) gas.
13. A knowledge of the pressures that may be encountered in gas systems and of the various types of burners which may be used.
14. A knowledge of the requirements of regulations or bylaws in force relating to gasfitting.
15. A knowledge of the principles applicable to the bending, jointing, welding, and brazing of metal pipes and other materials used in gasfitting.

THIRD SCHEDULE—*continued*

*Part II—Practical Test of Workmanship*

1. Simple lead bossing of various types of flashing pieces.
2. Copper pipe bending, jointing, welding, and brazing.
3. The jointing, bending, and manipulation of other pipes including asbestos cement pipes, hard sheetmetals, and materials used in gasfitting work.
4. The oxy-acetylene gas cutting and welding of pipes and hard sheetmetals.
5. The bending, preparation, and jointing of lead and composition pipes up to 2 in. in diameter in any position and by all methods of processing except that mechanical methods will not be permitted. Heat is allowed and any means of heat must be supplied by the candidate. The use of springs in pipe bending will not be permitted, except by an expressed direction in the examination paper.
6. The making of meter connection by joining lead or composition pipes and a brass coupling by means of a "blown" joint.

FOURTH SCHEDULE

Reg. 11 (2)

NOTICE OF APPEAL

To the Registrar, Plumbers and Gasfitters Board, Wellington.

Take notice that I [*Full Name*], of [*Full Postal Address*], do hereby appeal, under section 29 of the Plumbers and Gasfitters Registration Act 1964, against the decision of the Plumbers and Gasfitters Board conveyed to me by letter dated the ..... day of ....., 19.....

The following are the grounds upon which I make my appeal:..... And I do hereby appoint [*Name in full*], of [*Full postal address*], as one of the assessors for the purposes of this appeal.

Dated at ....., this ..... day of ..... 19.....

.....  
Signature of Appellant.

I hereby consent to act as an assessor for the purposes of this appeal.

.....  
Signature of Assessor for Appellant.

T. J. SHERRARD,  
Clerk of the Executive Council.

EXPLANATORY NOTE

*This note is not part of the regulations, but is intended to indicate their general effect.*

These regulations consolidate and amend the Plumbers Regulations 1951 consequent on the passing of the Plumbers and Gasfitters Registration Act 1964.

Issued under the authority of the Regulations Act 1936.

Date of notification in *Gazette*: 6 April 1966.

These regulations are administered in the Department of Health.