



**THE ELECTRIC LINEMEN REGULATIONS 1960, AMENDMENT  
NO. 6**

DAVID BEATTIE, Governor-General

**ORDER IN COUNCIL**

At the Government House at Wellington this 10th day of October 1983

Present:

HIS EXCELLENCY THE GOVERNOR-GENERAL IN COUNCIL

PURSUANT to the Electric Linemen Act 1959, 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 Electric Linemen Regulations 1960, Amendment No. 6, and shall be read together with and deemed part of the Electric Linemen Regulations 1960\* (hereinafter referred to as the principal regulations).

(2) These regulations shall come into force on the 14th day after the date of their notification in the *Gazette*.

**2. Examinations**—(1) The principal regulations are hereby amended by revoking regulation 10 (as amended by regulation 3 of the Electric Linemen Regulations 1960, Amendment No. 3), and substituting the following regulation:

\*S.R. 1960/154

Amendment No. 1: (*Revoked by S.R. 1981/21*)  
Amendment No. 2: S.R. 1967/196  
Amendment No. 3: S.R. 1971/128  
Amendment No. 4: S.R. 1976/46  
Amendment No. 5: S.R. 1981/21

“10. (1) Unless otherwise determined by the Committee, the examination to be passed by candidates for certificates and for the endorsement of certificates shall comprise—

“(a) A theory examination; and

“(b) A practical test of workmanship.

“(2) The practical test may be passed before, together with, or after the theory examination.”

(2) The Third Schedule to the principal regulations (as added by regulation 14 of the Electric Linemen Regulations 1960, Amendment No. 3) is hereby consequentially amended by omitting the subheading “*Oral Examination*”, and substituting the subheading “*Theory Examination*”.

(3) The Electric Linemen Regulations 1960, Amendment No. 3 are hereby consequentially amended by revoking regulation 3.

**3. Subject-matter of examinations**—(1) The principal regulations are hereby further amended by revoking the Second Schedule (as amended by regulation 13 of the Electric Linemen Regulations 1960, Amendment No. 3), and substituting the new Second Schedule set out in the Schedule to these regulations.

(2) The Electric Linemen Regulations 1960, Amendment No. 3 are hereby consequentially amended by revoking regulation 13.

## SCHEDULE

### NEW SECOND SCHEDULE TO PRINCIPAL REGULATIONS

#### “SECOND SCHEDULE

#### SUBJECT-MATTER OF EXAMINATIONS

In this Schedule references to numbered chapters and clauses are references to the chapters and clauses so numbered of *The Lineman's Handbook* (3rd edition) published by the Electric Supply Authority Engineers' Institute of New Zealand Incorporated.

The examination shall consist of questions and exercises taken from the following syllabus.

#### *Theory Examination*

A general knowledge of—

1. Generation, transmission and distribution (Chapter 2).
2. Elementary principles of electricity (Chapter 3).
3. D.C. and A.C. systems (Chapter 4).
4. Transformers (Chapter 5).
5. Switchgear and fuses (Chapter 6).
6. Substations (Chapter 7).
7. Underground cables (Chapter 8).
8. Electric line faults and location (Chapter 15).
9. Street lighting (Chapter 16).
10. Electrical Supply Regulations (Chapter 20).
11. Instruments and meters (Chapter 19).

A more particular knowledge of—

12. Overhead lines—I general description (Chapter 9).

SCHEDULE—*continued*

13. Overhead lines—II design considerations—clauses 1, 2, 3, 4, 5, 6, 7, 8, 10.2, 10.3, 12, 13, 14: (a general knowledge only of clauses 9, 10.1, 11) (Chapter 10).
14. Overhead lines—III construction—clauses 1.8, 1.9, 2, 3, 4, 5, 6, 7: (a general knowledge only of clauses 1.1 to 1.7 and 8) (Chapter 11).
15. Overhead lines—IV maintenance (Chapter 12).
16. Ropes and knots—clauses 1, 2.3, 3.4, 4.3, 4.4, 4.6, 5, 6, 7: (a general knowledge only of clauses 2.1, 2.2, 3.1, 3.2, 3.3, 4.1, 4.2, 4.5) (Chapter 13).
17. Tools and equipment (Chapter 14).
18. Tree cutting (Chapter 17).
19. Earthing and earth testing—clauses 1, 2, 3, 5: (a general knowledge only of clause 4) (Chapter 18).
20. Safe working—a thorough knowledge of the Safety Manual (Chapter 21).
21. First aid and treatment for electric shock (Chapter 22).

*Practical Examination*

1. Stringing and sagging of low/medium voltage conductors under high voltage lines assumed to be alive.
2. Jointing, terminating and binding in of copper and aluminium conductors with commonly used fittings.
3. Operating, locking off and tagging air break switches.
4. Isolating transformers from both primary and secondary circuits, phasing out checks and tap changing. Pulling, rewiring and replacing E.H.V. and L.V. fuses.
5. Cutting in a service line on live low/medium voltage lines, identification of the neutral and polarity testing.
6. General isolation of and earthing of lines and equipment to be worked on.
7. Earth testing.
8. Pole top rescue.  
Resuscitation and C.P.R. using a mannikin.
9. Basic knots (reef, sheet bend, bowline, clove hitch, half hitch and splice)."

P. G. MILLEN,  
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 amend the Electric Linemen Regulations 1960 to provide that the theory examination to be passed by candidates for certificates and for the endorsement of certificates may be a written examination, and to set out a revised syllabus for both the theory and practical examination for certificates.

Issued under the authority of the Regulations Act 1936.  
Date of notification in *Gazette*: 13 October 1983.  
These regulations are administered in the Ministry of Energy.