

*Regulations governing the Issue of Mine-surveyors' Certificates under the Coal-mines Act, 1925.*

CHARLES FERGUSSON, Governor-General.

ORDER IN COUNCIL.

At the Government House at Wellington, this 30th day of August, 1926.

Present :

HIS EXCELLENCY THE GOVERNOR-GENERAL IN COUNCIL.

IN pursuance and exercise of the powers conferred on him by the Coal-mines Act, 1925 (hereinafter referred to as "the said Act"), His Excellency the Governor-General of the Dominion of New Zealand, acting by and with the advice and consent of the Executive Council of the said Dominion, doth hereby make the following regulations; and doth hereby declare that the regulations hereby made shall come into force on the date of the publication thereof in the *New Zealand Gazette*.

REGULATIONS.

MINE-SURVEYORS' CERTIFICATES.

1. FOR the purpose of section 79 (4) of the said Act a mine-surveyor must hold either—

(1.) A certificate as a licensed surveyor under the Surveyors' Institute and Board of Examiners Act, 1908; or

(2.) A certificate from the Board of Examiners under the said Act that—

(a.) He has had at least two years' practical experience in the surveying of mines; and that

(b.) He has passed an examination in the theory and practice of mine-surveying, levelling, computing, and plan-making: Provided that exemption from examination may be granted by the Board to any person who submits evidence to the satisfaction of the Board that he is thoroughly competent in mine-surveying: Provided further that in lieu of the examination referred to above the Board may accept the Diploma of Surveyor granted by the Otago School of Mines or other institution recognized by the Board if the Board is satisfied that the holder of such certificate has obtained a satisfactory percentage of marks in his examinations for such certificate; or

(3.) A first-class certificate of competency as mine-manager obtained prior to the 1st day of January, 1926, endorsed by the Board of Examiners or by the Chief Inspector on or before the 30th day of June, 1928, to the effect that he has had adequate experience in the surveying of mines: Provided that application under this subclause is made before the 1st day of January, 1928.

2. (1.) For the purpose of clause 1 (2) hereof the Board shall examine, or cause to be examined, on the subjects hereinafter specified, applicants for certificates as mine-surveyors.

(2.) The Board may appoint supervisors from time to time to superintend such examinations.

3. (1.) Every application for a certificate as a mine-surveyor without examination shall be made in writing, under the hand of the applicant, to the Secretary of the Board of Examiners, Mines Department, Wellington, and each applicant shall forward with his application—

(a.) A fee of £1 ls.;

(b.) A certificate that the applicant is not less than twenty-one years of age;

(c.) A certificate or certificates from his previous employers that he has had at least two years' practical experience in the surveying of mines;

(d.) A certificate from his employer at date as to his general good conduct and sobriety.

(2.) Every application for examination for a mine-surveyor's certificate shall be in Form 7 in the Schedule hereto, and each applicant shall forward with his application—

(a.) A fee of £1 10s.;

(b.) A certificate that the applicant is not less than twenty-one years of age;

(c.) A certificate or certificates from his previous employers that he has had at least two years' practical experience in the surveying of mines;

(d.) A certificate from his employer at date as to his general good conduct and sobriety.

(3.) The fee for endorsement of a first-class certificate of competency as mine-manager as provided for in clause 1 (3) of these regulations shall be 5s.

4. (1.) The subjects of examination for certificates as mine-surveyors shall be as follows:—

(a.) Practice of surveying: Details of field practice, keeping of field books, setting out curves, plotting from field notes, barometric and other measurements of heights; connection of underground and surface surveys; surveying of bore-holes and determination of dip and strike of seams from borehole data.

(b.) Engineering surveying: Levelling, grading, measurement of earthworks, calculation of quantities, preparation of longitudinal and cross sections.

(c.) Surveying-instruments: Construction, adjustment, and use of the following instruments—Theodolite, level, miners' dial, compass, clinometer, barometer, measuring-bands, planimeter.

(d.) Drawing and computation: General plan drawing; drawings of sections; contours, calculation of areas; reduction of traverse lines to the meridian and perpendicular.

(2.) The examination in the above subjects shall be both written and oral, and candidates will require to present themselves for examination at such places as are appointed by the Board of Examiners.

(3.) At the oral examination each candidate will be required to produce—

(a.) A plan of a mining property, showing traverse work done by himself;

(b.) A plan with longitudinal and cross sections showing levelling done by himself;

(c.) The original field books and computations.

The above plans shall be endorsed by the applicant's employer, by a licensed surveyor, or by a duly qualified mine-surveyor that they are solely the work of the applicant.

5. Mine-surveyors' certificates shall be in Form 4 in the Schedule hereto.

6. The Board shall keep a register of all certificates issued by it.

SCHEDULE.

FORM 7.

[Reg. 3.]

The Coal-mines Act, 1925.

APPLICATION TO BE EXAMINED FOR CERTIFICATE AS MINE-SURVEYOR.

To the Secretary, Board of Examiners, Wellington.

I, [Full name, occupation, and residence], the undersigned, hereby apply to be examined for a certificate as mine-surveyor. I enclose the prescribed fee of £1 10s., together with a certificate at date from my employer as to my general good conduct and sobriety, and hereby declare as follows:—

(1.) My practical experience consists of actual employment in mine-surveying as specified in the Schedule hereto; and in proof thereof I forward with this application evidence in writing from my previous employers, as specified in that Schedule.

(2.) The date and place of my birth is

Dated at this day of , 19 . . .

SCHEDULE.

Particulars and Proof of Employment.

Names and Localities of Mines [Specify every mine].	Names of Employers.	Period of Employment.		Nature of Evidence in Writing.
		From	To	

Signature of Applicant :

FORM 4.

[Reg. 5.]

The Coal-mines Act, 1925.

MINE-SURVEYOR'S CERTIFICATE.

No. . . . . Office of Board of Examiners, Wellington, , 19 . . .

This is to certify that [State name in full, address, and occupation of person] has complied with the requirements of the Coal-mines Act, 1925, and regulations made thereunder, as regards the qualifications of a mine-surveyor, and has satisfied the Board of Examiners that he is competent to act as a mine-surveyor for the purpose of the above Act.

A. B.,

Chairman of Board of Examiners.

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C. D., Secretary.

F. D. THOMSON,

(Mines, N. 17/35.)

Clerk of the Executive Council.