

Regulations under the Coal-mines Act, 1925.

CHARLES FERGUSSON, Governor-General.

ORDER IN COUNCIL.

At the Government Buildings at Wellington, this 15th day of June, 1927.

Present :

THE RIGHT HONOURABLE J. G. COATES, P.C., PRESIDING 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 revoke all previous regulations made under the Coal-mines Act, 1908, and its amendments, and the said Act, and in lieu thereof doth hereby make the regulations hereinafter set forth; and, except as otherwise specially provided in any case, doth hereby declare that such revocation shall take effect and the regulations hereby made shall come into force on the date of the publication thereof in the *Gazette*.

REGULATIONS.

INTERPRETATION.

1. (1.) In these regulations, if not inconsistent with the context, words and expressions shall have the same meaning as in the Coal-mines Act, 1925 (hereinafter called "the said Act").

(2.) In so far as relates to the receiving and disposing of applications for coal-mining rights, way-leaves, and other easements, where the land to which the application relates is situate within any portion of a land district outside a mining district, all references in these regulations to the Warden or the Mining Registrar shall be deemed to be references to the Commissioner of Crown Lands of the land district in which the land is situate, and all references to the Receiver shall be deemed to be references to the Receiver of Land Revenue of that land district, and these regulations shall be construed accordingly.

THE BOARD OF EXAMINERS.

2. At all meetings of the Board of Examiners constituted under the said Act three members shall form a quorum.

3. (1.) Each member of the Board who is not otherwise employed in any Department of the Public Service shall receive by way of travelling-expenses the sum of £1 11s. for each day of twenty-four hours he is absent from his place of abode for the purpose of attending at a meeting of the Board, or for the purpose of conducting underviewers' and firemen-deputies' examinations.

(2.) For any portion of a day he shall receive one-twenty-fourth of the full daily rate for each hour's absence.

(3.) In computing the time of absence a fraction of an hour if less than half an hour shall not be taken into account, but half an hour or more shall be reckoned as one hour.

(4.) He shall also be repaid all reasonable sums properly expended by him for fares by railway, coach, or steamer in travelling for the said purposes.

(5.) Each member of the Board who is not otherwise employed in any Department of the Public Service shall also be paid such fee as the Minister may from time to time authorize for each examination held or for each paper set by him.

MINE-MANAGERS' CERTIFICATES.

4. (1.) The Board shall examine, or cause to be examined, in the subjects hereinafter specified, applicants for first-class and second-class certificates as mine-managers.

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

5. (1.) Every application for a certificate as a mine-manager shall be made in writing, under the hand of the applicant, to the Secretary of the Board of Examiners, Mines Department, Wellington.

(2.) Every application for examination for a mine-manager's certificate shall be in Form 7 in the Schedule hereto, and each applicant shall forward with his application a fee of £2 2s. in the case of a first-class certificate, and a fee of £1 10s. in the case of a second-class certificate:

Provided that every candidate who obtains a partial pass and who comes up for re-examination in any subject, shall pay a further fee of 7s. 6d. per subject.

(3.) Every applicant for examination for a mine-manager's certificate shall also forward with his application—

(a.) A certificate that the applicant is not less than twenty-three years of age:

(b.) A certificate or certificates from his previous employers showing that he has complied with the requirements of the said Act as regards his underground experience in coal-mines:

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

(d.) A medical certificate that his senses of sight and hearing are not defective.

(4.) He must also be in possession of a gas-testing certificate showing that he is capable of making accurate tests for inflammable gas with a safety lamp.

(5.) For the purpose of enabling the Board to determine whether the candidate possesses the requisite practical experience, his application shall specify accurately and definitely the respective mines in which he has been employed, and the duration and nature of his employment in or at each mine.

6. (1.) The subjects of examination for certificates as coal-mine managers shall be as follows:—

Subject I, Mining: Opening out a colliery, working coal, and timbering; boring (some one form each of hand, calyx, and diamond drills to be described).

Subject II, Mechanics: Pumping-appliances and mine-drainage; tapping water and dam-construction in mines; winding in shafts; hauling on underground planes; compressed-air and steam-power plants; strength of materials; elementary electricity (to include knowledge of fundamental principles; definition and application of electrical units and terms; advantages and disadvantages of direct and alternating current generators and motors; principle of a rotary transformer; principles of insulation; advantages and disadvantages of electrical winding-engines; a knowledge of wiring and other details of electrical machinery is not required).

Subject III, Ventilation: Ventilation of mines and knowledge of mine-gases; spontaneous combustion of coal, and methods of dealing with underground fires; rescue apparatus; practical knowledge of gas-testing with a safety-lamp. (The candidate may be required to give a practical demonstration before a person appointed for that purpose.)

Subject IV, Arithmetic and Law: Mine accounts; fractions, decimals, percentages, square root, area of rectangle, trapezoid, circle, &c.; measurement of timber; calculation of workable coal in a mine, &c.; a knowledge of the said Act, and the regulations made thereunder.

Subject V, Surveying: A knowledge of surveying and levelling, both underground and at the surface; also of mine plans and sections.

Subject VI, General and Applied Geology: Prospecting; origin and mode of formation of coal-seams; faulting, and the recovery of faulted seams; general knowledge of the geology of stratified rocks and more particularly of the New Zealand coal-measures.

Subject VII: First aid to the injured.

(NOTE.—A first-aid certificate of the St. John Ambulance Association, St. Andrew's Association, British Red Cross Society ("Intermediate" or "Advanced"), or other body approved by the Board of Examiners, showing that the candidate is fitted to give first aid to persons requiring it, will be accepted in lieu of examination).

(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.) Every applicant must be able to give drawings to illustrate details connected with any work to be done in or about a coal-mine, and must give all details of calculations, and in matters of opinion must clearly and fully state his reasons for arriving at any given conclusion.

7. (1.) A candidate for a first-class mine-manager's certificate shall be required to pass satisfactorily both a written and an oral examination in Subjects I to VII.

A candidate for a second-class mine-manager's certificate shall be required to pass satisfactorily both a written and an oral examination in Subjects I, II, III, IV, and VII, but he shall not be required to pass in Subjects V and VI.

(2.) First-class mine-managers' certificates by examination shall be in Form 1, and second-class mine-managers' certificates by examination shall be in Form 2 in the Schedule hereto.

MINE-SURVEYORS' CERTIFICATES.

8. 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