

*Regulations under the Coal-mines Act, 1908, and its Amendments.*

CHARLES FERGUSON, Governor-General.

ORDER IN COUNCIL.

At the Government House at Wellington, this 18th day of May, 1925.

Present:

HIS EXCELLENCY THE GOVERNOR-GENERAL IN COUNCIL.

IN pursuance and exercise of the powers conferred on him by the Coal-mines Act, 1908, and its amendments (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 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.

THE BOARD OF EXAMINERS.

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

2. (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.

3. (1.) The Board shall examine, or cause to be examined, on 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.

4. (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 6 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 1s. in the case of a second-class certificate.

(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-one years of age;

(b.) A certificate or certificates from his previous employers 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 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. (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 Coal-mines Act, 1908, and amendments thereof and of the general rules, special rules, and 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 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.

6. (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-manager's certificates by examination shall be in Form 1, and second-class mine-manager's certificates by examination shall be in Form 2 in the Schedule hereto.

UNDERVIEWERS' AND FIREMEN AND DEPUTIES' CERTIFICATES.

7. With respect to the examination for certificates as underviewers and firemen and deputies, the following provisions shall apply:—

(a.) Examinations shall be held at such times and places as are appointed by the Board of Examiners.

(b.) In each district where coal-mining is carried on the Board of Examiners shall consist of one or more members of the Board of Examiners appointed under the said Act or such other person or persons as the Governor-General appoints for the purpose, and an Inspector of Mines.

3. (1.) Every application for a certificate as an underviewer or fireman and deputy 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 an underviewer's or a fireman and deputy's certificate shall be in Form 6 in the Schedule hereto, and shall be forwarded at least one month before the date fixed for the examination to the Secretary of the Board of Examiners, Mines Department, Wellington, accompanied by a fee of £1 in the case of an application for an underviewer's certificate or a fee of 15s. in the case of an application for a fireman and deputy's certificate.

(3.) Every applicant for examination for an underviewer's or fireman and deputy's certificate shall also forward with his application—

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