

# MINES REGULATION ORDINANCE 1939.\*†

*Amended 4/1/62*

## An Ordinance to provide for the Inspection and Regulation of Mines.

### PART I.—PRELIMINARY.

Short title.

1. This Ordinance may be cited as the *Mines Regulation Ordinance 1939*.\*†

Commencement.

2. This Ordinance shall commence on a date to be fixed by the Administrator by notice in the *Gazette*.‡

Parts.

3. This Ordinance is divided into Parts as follows:—

Part I.—Preliminary.

Part II.—Inspection.

Part III.—Management and Supervision.

Part IV.—Engine Drivers.

Part V.—Accidents and Safety.

Part VI.—Plans of Mines.

Part VII.—Miscellaneous.

Definitions.

4.—(1.) In this Ordinance, unless the contrary intention appears—

“agent” means a person acting on behalf of the owner or occupier of a mine or workings and includes a person having control and supervision of a mine or of any part of a mine or workings;

“explosives” means gunpowder, nitro-glycerine, dynamite, gun-cotton, blasting powders, fulminate of mercury or other metals, coloured fires, and every substance, whether similar to those substances or not, used or manufactured with a view to produce a practical effect by explosion or a pyrotechnic effect and includes fog-signals, fireworks, fuses, rockets, percussion caps, detonators, cartridges, ammunition of all kinds, and every adaptation or preparation of an explosive;

“inspector” means an inspector appointed under this Ordinance;

No. 14, 1939; notified in *Commonwealth Gazette* on 27th July, 1939.

† See also *Mines Regulation Ordinance 1957* printed at page 1494.

‡ The date fixed was 1st November, 1939.

“machinery” means every kind of mechanical appliance, and includes boilers, air receivers, steam pipes, air pipes, electric wires, electric apparatus, cables, belts and ropes employed in or about a mine or in or about any works used for the treatment of metals or minerals and includes “machine”;

“manager” means the person having immediate charge and direction of the mining operations on any mine, and includes a mine manager appointed under this Ordinance and any deputy appointed by a manager;

“mine” means a place within the Territory where any operation for the purpose of obtaining any metal or mineral has been or is being carried on, or where the products of any such place are being treated;

“owner”, when used in relation to any mine to which this Ordinance applies, means any person or body corporate who is the immediate proprietor, lessee or occupier of any mine or of any part thereof, and includes a contractor or tributer working therein;

“plan” includes an original plan or section and a correct copy or tracing thereof;

“shaft” means any vertical or inclined way or opening downwards whether from the surface or from any underground working, which is or might be used for winding, draining, travelling or ventilating purposes in connexion with the working of a mine and includes a winze which is or might be so used;

“this Ordinance” includes the regulations made thereunder;

“winze” means any vertical or inclined way or opening downwards from the underground workings of a mine;

“workings” include those portions of a mine which have been excavated, whether abandoned or not, and those portions being excavated.

(2.) Any reference in this Ordinance to any officer, other than an inspector, shall be construed as a reference to that officer as appointed under the provisions of the *Mining Ordinance 1939.*

Exemption of  
mines.

5. The Administrator may from time to time exempt from the operation of this Ordinance or the regulations, or any of the provisions thereof, any mine, or class of mines, for such period and on such conditions as he thinks fit.

PART II.—INSPECTION.

Appointment  
of inspectors.

6. The Administrator may appoint persons to be inspectors for the purposes of this Ordinance.

Powers of  
inspectors.

7. An inspector may—

- (a) make any examination and inquiry to ascertain whether the provisions of this Ordinance affecting any mine are complied with;
- (b) enter, inspect and examine any mine and every part thereof at all times by day and night, with such assistants as he deems necessary, but so as not unnecessarily to impede or obstruct the working of the mine;
- (c) examine into and make inquiry respecting the state and condition of any mine, or any part thereof, and of all matters or things connected with or relating to the safety or well-being of the persons or animals employed therein or in any mine contiguous thereto, and, for the purpose of such examination or inquiry, may require the attendance of any mine official or employee;
- (d) obtain written statements from witnesses and appear at inquiries held respecting mining accidents, and at inquests; and
- (e) exercise generally such other powers as are necessary for carrying out this Ordinance.

Disqualification.

8. Any person who, without the authority of the Administrator, holds, directly or indirectly, any interest in any mine within the Territory shall not be qualified to be an inspector.

Inspector not  
to report or  
divulge  
information.

9. An inspector shall not for any purpose make a report on any mine or mining property or prospect, except an official report made in the course of his duty, and he shall not, except as provided in this Ordinance, communicate to any person any knowledge or information obtained by him in the exercise of his official duties.

Penalty.

10. Any person who acts as an inspector when disqualified under section eight of this Ordinance, and any inspector who contravenes any of the provisions of section nine of this Ordinance shall be guilty of an offence.

Penalty: One hundred pounds or imprisonment for twelve months.

11. An owner, agent or manager of a mine who refuses or neglects to furnish to an inspector or any other person duly authorized under this Ordinance the means necessary for making an entry, inspection, examination or inquiry under this Ordinance in relation to the mine, shall be guilty of an offence.

Owner to give means of entry to inspector.

Penalty: Fifty pounds.

12. Any person who obstructs or uses insulting language to an inspector acting in the exercise of his duty under this Ordinance shall be guilty of an offence.

Obstructing or insulting inspector.

Penalty: Ten pounds.

13.—(1.) An inspector shall, after every inspection made by him, forthwith enter in a book to be kept at the mine and called the "Record Book", a report as to the portions of the mine inspected by him, the nature of his inspection, and every defect which he observes in the state and condition of the mine and machinery, but nothing contained in or omitted from such report shall limit or affect the duties and obligations of the owner, agent or manager of such mine under this Ordinance.

Inspector to enter particulars in "Record Book".

(2.) The inspector shall make a copy of the report and place it in a conspicuous place on the mine.

14.—(1.) The Record Book shall be kept for the purpose of entering therein the reports and records required by this Ordinance and it shall be kept in good order and condition and all entries therein shall be written in ink.

Use of Record Book.

(2.) The Record Book shall be open at all reasonable times to the examination of—

- (a) an inspector;
- (b) the persons employed in the mine; and
- (c) any person authorized by the Administrator.

15.—(1.) Any person working in a mine may make a complaint to an inspector relating to anything in connexion with the mine.

Inquiry by inspector into complaints.

(2.) The inspector may make inquiry into such complaint and take such other steps as he thinks necessary to investigate the complaint and he shall not disclose the name of the person making the complaint.

16. A warden or inspector may, with such assistants as he thinks necessary, at all reasonable times enter and inspect any mine, and the Administrator may at any time authorize any person to enter and inspect any mine, and for the purpose of the inspection every such person shall have all the powers and functions conferred on an inspector by this Ordinance.

Entry by warden or inspector.

Miners employed at mine may appoint two practical miners to inspect mine.

17.—(1.) The persons employed in any mine may appoint two of their number or any two persons who are practical miners, to inspect the mine, and the persons so appointed may, on giving notice to the manager, inspect at their own cost any part of the mine or machinery.

(2.) If any person working in a mine thinks that any part of the mine is unsafe, the persons working therein may appoint two of their number, or any two persons who are practical miners, to inspect at their own cost, such workings, and the persons so appointed may, on giving notice to the manager, inspect such workings.

(3.) The owner, agent or manager shall afford every facility for an inspection under this section, and the manager or a person authorized by him may accompany the persons making the inspection.

(4.) The persons who make the inspection shall record and sign a report of the result of the inspection in the Record Book, and if the report states the existence or apprehended existence of any danger, they shall forthwith cause a true copy of such report to be sent to an inspector and to the manager.

(5.) The persons who make any inspection for the purposes of this section shall, while making the inspection, be deemed to be workmen employed by the owner of the mine, within the meaning of the *Workmen's Compensation Ordinance 1931-1934* or any enactment amending that Ordinance or in substitution therefor.

(6.) The Administrator may, if he thinks fit, terminate any appointment made by any persons under this section.

### PART III.—MANAGEMENT AND SUPERVISION.

Every mine to be under control of a manager.

18.—(1.) Within one month after an inspector has notified the owner or agent of a mine that a manager is required, every mine shall be under the control and daily supervision of a manager until an inspector authorizes the owner to dispense with a manager or the mine is abandoned.

(2.) The manager may be the owner or agent of the mine or some person appointed by the owner or agent.

Notification of appointment of manager.

19. Within fourteen days after the appointment of a manager of a mine, the owner or agent shall give notice in writing of such appointment to an inspector or to the warden whose office is nearest to the place where the mine is situated, and shall give notice in writing to the inspector or warden of any change of manager forthwith after such change is made.

20.—(1.) No person who has been appointed manager of any mine in which twenty men or more are employed below ground shall, while he holds such appointment, be appointed or act as manager of any other mine without the sanction, in writing, of the Director of Mines.

Manager of mine where twenty or more men employed not to be manager of another mine.

(2.) No person shall, without the sanction in writing of the Director of Mines, be appointed to act as manager of more than two mines at one and the same time.

(3.) Except as provided in the Regulations made under this Ordinance, an owner or agent of a mine shall not appoint a person who does not hold a prescribed manager's certificate of competency to be the manager of a mine.

21. A manager shall, within seven days after he has assumed control and management of a mine, give notice thereof in writing to an inspector, to the warden or mining registrar whose office is nearest to the place where the mine is situated, or to the Director of Mines, and shall, within seven days after he has relinquished the control and management, give notice thereof in writing to such inspector, warden or mining registrar, or Director of Mines.

Manager to report his appointment to Inspector, Warden or Mining Registrar.

22. If any mine is worked for more than fourteen days except under the control and supervision of a manager who has given notice of his appointment in pursuance of the last preceding section, the owner and agent of the mine shall each be liable to a penalty not exceeding Ten pounds, and to a further penalty not exceeding Five pounds for each day during which the mine is so worked.

Penalty for working mine except under supervision.

23.—(1.) If any manager is incapacitated from performing his duties or is about to be absent from the mine for more than three days, he, or the owner or agent, shall appoint a person to be deputy manager of the mine during the incapacity or absence, and shall give notice of the appointment to an inspector, to the warden or mining registrar whose office is nearest to the place where the mine is situated, or to the Director of Mines.

Appointment of deputy manager.

(2.) A person who is not the holder of the prescribed manager's certificate may be appointed to be a deputy manager under this section, but he shall be subject to the same obligations and liabilities as a manager.

24. When mining operations in a mine are abandoned, discontinued or recommenced, the owner or agent of the mine shall, within one month thereafter, give written notice thereof to an inspector, to the warden or mining registrar whose office is nearest to the place where the mine is situated, or to the Director of Mines.

Notice of dis-continuance or recommencement of mining operations to be given.

Enforcement of Ordinance.

25.—(1.) The manager of every mine shall enforce the observance of the provisions of this Ordinance in the mine under his charge.

(2.) As soon as practicable after the occurrence of any breach of the provisions of this Ordinance, the manager shall report the breach in writing to an inspector, to the warden or mining registrar whose office is nearest to the place where the mine is situated, or to the Director of Mines, whether the breach has been committed by a person employed in the mine or by a contractor working therein or his employees, or any other person.

Notice of accident to be given.

26.—(1.) When an accident occurs in a mine and is attended with serious injury to any person, the manager shall, within twenty-four hours after the accident or as soon thereafter as possible, give notice thereof to an inspector, warden or mining registrar whose office is nearest to the place where the mine is situated, or to the Director of Mines.

(2.) Any manager who fails to give such notice shall, unless the notice was given by the owner or agent, be guilty of an offence.

(3.) For the purposes of this section, "serious injury" means an injury which results in the injured person being disabled from following his ordinary occupation and earning his usual rate of remuneration for a period of two weeks or more.

Examination and inquiry as to cause of accident.

27.—(1.) Upon receipt of a notice referred to in section twenty-six of this Ordinance, an inspector or person appointed in that behalf by a warden or mining registrar, shall proceed to the scene of the accident, examine the place where it occurred, obtain in writing the statements of any witness or of any other person as to the cause thereof, and thereupon forward to the warden or mining registrar a report of the accident and of the state and condition of the mine.

(2.) The person appointed by the warden or mining registrar under this section shall have all the powers and functions of an inspector under this Ordinance.

(3.) The warden or mining registrar shall, if he thinks necessary, hold an inquiry into the nature and cause of the accident, and shall forward to the Director of Mines a copy of the evidence taken at the inquiry, together with his report thereon.

(4.) A representative of an industrial union of workers in the Territory may, subject to the regulations, examine the place where the accident occurred, and may appear at an inquiry held respecting a mining accident, and may call and examine or cross-examine witnesses.

28. For the purpose of any inquiry under the last preceding section, the warden or mining registrar shall have all the powers of a Warden's Court under the *Mining Ordinance* 1939.

Power to summon witnesses, &c.

29.—(1.) Except for the purpose of saving life or preventing further injury, a person shall not, subject to this section, interfere with the place in which an accident has occurred until it has been examined as provided in section twenty-seven of this Ordinance or, where the accident has proved fatal, until a Coroner has granted permission so to do.

Place of accident not to be interfered with.

(2.) Where immediate resumption of mining work in the place in which the accident has occurred is urgently necessary, a person appointed by the warden or mining registrar may, after making an examination of the place and a report in writing of the result of such examination in the Record Book, grant permission in writing for such resumption.

30.—(1.) A person employed in a mine shall report to the manager any accident in the mine as soon as possible after it comes to his knowledge.

Persons employed in mine to report accidents.

(2.) Any person who fails to comply with this section shall be guilty of an offence.

Penalty: Ten pounds.

#### PART IV.—ENGINE DRIVERS.

31. A person shall not—

- (a) take or have charge of any winding machinery by which persons and materials are raised or lowered in any shaft or under which any persons are working in any shaft, or
- (b) take or have charge of any winding machinery by which materials only are raised or lowered in any shaft,

Engine drivers to be certificated.

unless he holds a prescribed winding engine driver's certificate of competency.

#### PART V.—ACCIDENTS AND SAFETY.

32. Where an inquest is held on the body of any person whose death has been caused by an accident in or about a mine—

Inquests.

- (a) a person having any personal interest in, or in the management of, the mine in which the accident occurred shall not be qualified to serve on the jury empanelled on the inquest, and the constable or other summoning officer shall not summon any person disqualified under this section to serve on a jury, nor shall any such person be sworn or sit on the jury;



- (b) where practicable, the constable or other summoning officer shall summon as jurors persons accustomed to the working of mines, and no person shall be summoned to act as a juryman more than once in any period of six months;
- (c) a representative of the deceased person, a representative of a miners' association in the district or any industrial union or a representative of the majority of the persons employed in the mine appointed in writing by such persons, and a representative of the owner may examine the locality of the accident and be present at an inquest, and may, subject to any order of the Coroner, examine any witness as to the cause of the accident;
- (d) an inspector shall, when practicable, be present at the inquest and may examine witnesses and elicit evidence for the purpose of ascertaining the cause of death and whether the accident was attributable to any negligence or omission to comply with the provisions of this Ordinance; and
- (e) if a majority of the jury so desire, the Coroner shall arrange for the jury to view the scene of the accident, and the owner and manager shall afford them the facilities so to do.

Inspector may give notice of dangerous or defective matters not provided for.

**33.—(1.)** Where an inspector finds that any mine, workings or part thereof, or any machine, plant, matter, thing or practice in or connected therewith to be dangerous or defective, the inspector shall—

- (a) by requisition in writing addressed to the owner, agent or manager of the mine or works, specify the nature of the danger or defect, and require that the matter complained of be remedied forthwith or within the time specified in the requisition; and
- (b) forward to the Warden a copy of the requisition.

(2.) On receipt of the requisition, the owner, agent or manager shall comply therewith, or shall cease to use the mine, works or part thereof, machine, plant, matter, thing or discontinue the practice, as to which requisition was given, and shall, if required by an inspector, forthwith withdraw all persons from the mine or workings:

Provided that the Director of Mines or an inspector may allow work to proceed during such period and upon such conditions as he thinks necessary.

(3.) If the owner, agent or manager is dissatisfied with the requisition, he may, within seven days after the delivery thereof, lodge an objection in writing with the Warden, stating the grounds of his objection, and thereupon the matter shall be determined by the Warden who may by order in writing confirm, reverse or vary the requisition.

(4.) Any owner, agent or manager who fails or neglects to comply with the requisition or with any requisition as confirmed or varied by the Warden, shall be guilty of an offence.

(5.) No person shall be deemed to be precluded by any contract or agreement from doing any act which is necessary to comply with any of the provisions of this section, or be liable under any contract or agreement to any penalty or forfeiture for doing such act.

PART VI.—PLANS OF MINES.

34 —(1.) An inspector may, by notice in writing served on the owner, agent or manager of any mine, require him to make accurate plans and sections of the underground workings of the mine and to deposit a copy thereof in the office of the inspector. Plans to be furnished.

(2.) The owner, agent or manager, shall within three months after the service of the notice, deposit a copy of the plans and sections in the office of the inspector.

(3.) Where any alteration or addition of any kind to the underground workings of the mine is made after the date of the notice, the owner, agent or manager shall, at intervals of not more than six months, correctly delineate such alteration or addition upon the original plans and sections, and also upon the copy thereof deposited in the inspector's office, and the original plans and sections shall contain complete information of all the underground workings up to the date of abandonment of the mine.

(4.) The copy of the plans and sections deposited in the office of the inspector shall be drawn to a scale of not less than forty feet to one inch, or to such other scale as the plan then used in the mine has been drawn.

(5.) Any person may, with the permission in writing of the Director of Mines, inspect the copy of any plans and sections of a mine deposited in the office of the inspector.

35 Any owner, agent or manager of a mine who—

(a) fails or neglects to comply with the requirements of a notice served upon him under the last preceding section;

Incorrect plans

- (b) wilfully refuses to produce to an inspector the plan and sections of the underground workings of the mine;
- (c) knowingly conceals any part of the workings of the mine; or
- (d) makes or produces any plan of the mine or any portion thereof with intent to deceive any person,

shall be guilty of an offence.

Penalty: Fifty pounds.

#### PART VII.—MISCELLANEOUS.

Employment of foreigners.

**36.**—(1.) A person shall not be employed in any mine as manager, under-manager, platman, shift-boss or winding engine driver unless he is able to speak and write the English language readily and intelligibly, and to read it whether printed or written.

(2.) A person who is unable readily and intelligibly to speak the English language shall not be employed underground in any mine.

Prohibition of labour on Sunday in mine.

**37.** Except as hereinafter provided, the owner, agent or manager of a mine shall not employ any person for hire or reward to do any manual labour on a Sunday in or about the mine.

Exceptions.

**38.** Section thirty-seven of this Ordinance shall not apply to the employment of persons engaged—

- (a) in connexion with smelting or roasting furnaces or ore reduction plants using cyanide or chemicals in a continuous process;
- (b) as watchmen or caretakers for the protection of property in or about a mine;
- (c) in repairing any shaft, furnace, engine, boiler or machinery so that it may be in working order at the close of Sunday;
- (d) in pumping or otherwise clearing a mine from water so that work may be resumed at the close of Sunday;
- (e) in sinking any shaft in wet ground when, in the opinion of an inspector, the inflow of water is so serious as to necessitate continuous work;
- (f) in doing any work necessitated by a dangerous emergency; and
- (g) in doing work authorized by an inspector.

Employment of boys and females.

**39** No boy under the age of sixteen years and no female shall be employed below ground in any mine.

40.—(1.) A person employed in or about a mine shall, before commencing work and while at work, use ordinary and reasonable precautions to ascertain that the tubs, chains, tackle, windlass, ropes or other appliances he uses, and the places in which he works, are safe.

Safety precautions by employees.

(2.) A person shall not use any of the appliances referred to in sub-section (1.) of this section which appear unsafe, or remain in any unsafe working place.

(3.) A person employed in or about a mine who becomes aware of anything likely to produce danger of any kind shall report the fact to the person in immediate authority over him, and such last-mentioned person shall forthwith report the fact to the manager.

(4.) A person, on leaving work in any mine, shall report to the person relieving him the condition of that part of the mine where he has been working.

(5.) Any person who fails or neglects to comply with any of the provisions of this section shall be guilty of an offence.

Penalty: Fifty pounds.

41.—(1.) Every person who, after any shaft, level, drive or excavation has become disused for mining purposes—

Abandoned shafts to be protected.

- (a) wilfully damages, or renders it dangerous by the removal of any timber, fencing, casing, lining, ladder, platform or other appliance provided in or about the shaft, level, drive or excavation; or
- (b) removes, without the consent of an inspector, any part of any mound or dump placed at the mouth of a shaft for the purpose of preventing persons or animals from falling into the shaft,

shall be guilty of an offence.

Penalty: Fifty pounds.

(2.) The Court before which any person is convicted of an offence against this section may order the person to repair or replace any timber, fencing, casing, lining, ladder, platform, mound or dump, or other appliance damaged or removed, and, if the person convicted fails to comply with the order of the Court, the Administrator may effect the repairs or replacement and recover from such person the cost thereof in any court of competent jurisdiction.

(3.) This section shall not apply to any owner of freehold land whereon any shaft, level, drive or excavation is situated.

42 The owner, agent and manager of every mine shall, when required by the inspector, fence or securely cover in or fill with earth or rock every abandoned or disused shaft or

Responsibility as to fencing and filling in abandoned shafts, &c.

dangerous excavation and indicate its position on the surface by a post with a notice affixed thereon, and such owner, agent and manager shall, notwithstanding that the property has been abandoned, remain personally responsible for the due carrying out of this provision until an inspector has certified in writing that the work has been properly executed.

What constitutes offences against this Ordinance.

43. Any person who—

- (a) contravenes or fails or neglects to comply with any of the provisions of this Ordinance;
- (b) is in charge of machinery or other property which is damaged or destroyed as a result of his negligence;
- (c) by his negligence causes personal injury to, or endangers the safety of, any person; or
- (d) causes risk or likelihood of damage to any machinery or other property,

shall be guilty of an offence against this Ordinance.

General penalty.

44. Any person who is guilty of an offence against this Ordinance shall, where no other penalty is provided, be liable in respect of the offence to a penalty not exceeding, if he is the owner, agent or manager of a mine, Fifty pounds, and, if he is any other person, Ten pounds.

Proceedings to be taken by inspector.

45. All proceedings for offences against this Ordinance shall be instituted by an inspector or an officer thereto authorized by the Administrator.

Hearing.

46. All proceedings for offences under this Ordinance shall be heard before the Warden of the goldfield or mineral field or the Special Magistrate of the district in which the offence is alleged to have been committed.

Time limit for proceedings in respect of offences.

47. An information or proceeding in respect of an offence against this Ordinance shall be commenced within six months after the commission of the offence.

Regulations.

48.—(1.) The Administrator may make regulations, not inconsistent with this Ordinance, prescribing all matters and things which are required or permitted to be prescribed, or which are necessary or convenient to be prescribed for carrying out or giving effect to this Ordinance, and in particular for prescribing matters providing for or in relation to—

- (a) the duties of inspectors and the districts in which they shall carry out their duties;
- (b) the methods of inspection of mines;

- (c) the ventilation of mines, including—
- (i) the methods by which the air in mines shall be tested with regard to its adequacy in quantity, purity, temperature and humidity;
  - (ii) the methods by which constancy in direction of air-currents shall be produced in mines;
  - (iii) the conditions under which disused portions of mines shall be sealed off from the ventilation system thereof, and when and in what manner they shall be ventilated;
  - (iv) the keeping of records of the state of ventilation in all parts of mines and of plans showing the position of all air-doors and ventilating appliances and the direction of the air-currents;
  - (v) the conditions under which the use of mechanical appliances to assist ventilation shall be compulsory;
  - (vi) the conditions under which tailings from cyanide or other chemical process may be used for the filling of stopes;
  - (vii) the prevention of the escape of poisonous or deleterious gases and fumes from any chemical or metallurgical process in use on mines;
  - (viii) the use of compressed air for ventilating purposes, especially with respect to the supply being drawn from an unvitiated source, and the prevention of vitiation in the compressor, receiver and pipe-lines; and
  - (ix) any other matters relating to the ventilation of mines;
- (d) the prevention and laying of dust in mines, including—
- (i) the use of water sprays, atomizers and other damping appliances in working places, especially while boring; and
  - (ii) the use of apparatus for collecting and filtering dust and the use of respirators;
- (e) the use of explosives in mines, including—
- (i) their storage and handling in mines;

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- (ii) the removal or destruction of fumes from explosives by the use of liquid sprays or other means;
  - (iii) the testing of explosives before they are permitted to be used in mines to ascertain the fumes produced therefrom;
  - (iv) the time that shall elapse before persons return to a place where shots have been fired;
  - (v) the strength of detonators to be used with different sorts of explosives;
  - (vi) the person who shall be allowed to charge and fire charges of explosives and the methods that shall be employed in doing so; and
  - (vii) any other matters relating to the use of fuse and explosives in mines;
- (f) the connexion of workings for ventilation purposes, including—
- (i) the sinking of winzes in mines concurrently with shaft sinking;
  - (ii) the connexion of various workings in the same mine by crosscuts, levels, winzes and rises; and
  - (iii) the height to which rises may be carried and the methods to be used in rising, and the distances permissible between higher and lower levels and between air connexions from one level to another;
- (g) the sanitary conditions of mines, including—
- (i) the construction and position of sanitary conveniences on the surface and underground, the use of deodorants and disinfectants therewith, the number of persons allowed to use each pan, and the times and methods of cleaning pans and privies;
  - (ii) the regulation of crib places underground, the disposal of waste food, and the cleaning of such places;
  - (iii) the removal and destruction of waste timber, refuse from underground stables, and refuse of any kind liable to vitiate the air;

- (iv) the removal of stagnant water underground;
  - (v) the provision of change-houses and their construction and material, baths, washing appliances, the destruction of old clothes and the drying of clothes;
  - (vi) the examination and exclusion from mines of persons likely to be infected with ankylostomiasis, tuberculosis or other transmissible diseases; and
  - (vii) the supply of pure water underground for drinking;
- (h) the employment of persons having charge of winding machinery, and their periodical medical examination;
- (i) the installation and use of electrical apparatus;
- (j) the examinations, tests and conditions upon which certificates of competency may be granted to managers and winding engine drivers; and
- (k) all other matters relating to the regulation or working of mines not expressly provided for by this Ordinance.

(2.) Regulations made under this Ordinance may be made applicable to all mines in the Territory or mines within any particular district of the Territory, or to any mine or mines within any particular district.

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