

327. The casing of inspection-doors of all portable motors used underground, and the casings of their switches and other appliances, shall at least once a week be opened by a competent person appointed by the manager, and the parts so disclosed shall be cleaned and examined before the coverings are replaced. In special cases requiring a motor to run continuously longer than one week, the motor shall be examined at the end of the run. A report of all such examinations shall be entered in a report-book.

328. The person in charge of a drilling-machine shall not leave the machine while it is working, and shall, before leaving the working-place, see that the current is cut off from the trailing cables. No repairs shall be made to any portable machine until the pressure has been cut off from the trailing cables.

329. If, owing to any defect, any electric sparking or arc be produced outside a portable motor or by the cables or rails, the machine shall be stopped and not be worked again until the defect is repaired, and the occurrence shall be reported to an official of the mine.

Electric Locomotives.

330. When electrical haulage by locomotives upon the trolley-wire system is used underground, no pressure exceeding the limits of low pressure shall be employed, except where an alternative road for travelling is provided, when medium pressure may be used.

In underground roads the trolley-wires must be placed so that they are at least 7 ft. above the level of the road or track, or the pressure must be cut off from the wires during such hours as the roads are used for travelling on foot in places where trolley-wires are fixed. The hours during which travelling on foot is permitted shall be clearly indicated by notices and signals placed in a conspicuous position at the ends of the roads. At other times no one other than a duly authorized person shall be permitted to travel on foot along the road.

When the current is on, no person shall be allowed to travel along a level or other underground excavation with any tool which, when carried on the shoulder, is of sufficient length to come into contact with the bare wires overhead.

On this system either insulated returns or uninsulated metallic returns of low pressure may be employed.

Electric Lighting.

331. Arc lamps shall only be used after written consent has been obtained from the Minister. They shall be so guarded as to prevent pieces of ignited carbon falling from them, and shall not be used in situations where there is likely to be danger of fire in consequence of their use. They shall be so screened as to prevent risk of contact with persons. The Minister may at any time withdraw the consent given under this regulation.

332. Small wires for lighting-circuits must be either conveyed in pipes or casings, or suspended from porcelain insulators, or tied to them with some non-conducting material which will not cut the covering, and so that they do not touch any timbering or metalwork. On no account must staples be used. If metallic pipes are used, they must be electrically continuous and earthed. If separate uncased wires are used, they must be kept at least 2 in. apart, and not brought together except at lamps, or switches, or fittings.

333. In all machine-rooms and other places underground, where a failure of electric light is likely to cause danger, some other suitable lights shall be kept for use in the event of such failure.

Shot-firing.

334. Electricity from lighting or power cables shall not be used for firing shots.

335. When shot-firing cables or wires are used in the vicinity of power or lighting cables, sufficient precautions shall be taken to prevent the shot-firing cables or wires from coming in contact with the lighting or power cables.

(The foregoing regulations shall not apply to the telephone, telegraph, and signal wires, to which the rules of the following section only shall apply.)

Signalling.

336. All proper precautions must be taken to prevent electric signal and telephone wires from coming into contact with other electric conductors, whether insulated or not.

337. Contact-makers or push buttons of electric signalling circuits shall be so constructed and placed as to prevent the circuit being accidentally closed.

338. Table showing Maximum Current for Copper Conductors.

1.	2.	3.	4.
Gauge. Number of Wires and Gauge in S.W.G. or Inches.	Section. Nominal Size of Conductors in Square Inches.	Amperes. Maximum Amperes for Conductors with Class A Insulation.	Amperes. Maximum Amperes for Conductors with Class B Insulation.
1/18	-001810	3-2	4-2
3/22	-001825	3-3	4-3
1/17	-002463	4-0	5-4
3/20	-003016	4-7	6-4
1/16	-003217	4-9	6-8
1/15	-004072	5-9	8-2
7/22	-004266	6-2	8-5
1/14	-005027	7-0	9-8
3/18	-005364	7-3	10-3
7/20	-007052	9-0	13-0
7/18	-01254	14-0	21-0
19/20	-01912	20-0	29-0
7/16	-02227	22-0	33-0
19/18	-03399	31-0	47-0
7/14	-03483	31-0	48-0
7/-095"	-05	42-0	64-0
19/-058"	-05	42-0	64-0
19/16	-06039	48-0	75-0
19/14	-09442	68-0	108-0
19/-082"	-1	71-0	113-0
37/16	-1176	81-0	130-0
19/-092"	-125	84-0	136-0
19/-101"	-15	96-0	158-0
37/-072"	-15	96-0	158-0
19/12	-1595	102-0	166-0
37/14	-1838	114-0	187-0
37/-082"	-2	121-0	200-0
61/15	-2455	142-0	237-0
37/-092"	-25	145-0	241-0
37/-101"	-3	166-0	279-0
61/14	-3029	168-0	282-0
37/12	-3105	170-0	287-0
37/-110"	-35	187-0	317-0
37/-118"	-4	208-0	354-0
61/-092"	-4	208-0	354-0
61/-101"	-5	248-0	425-0
61/12	-5120	252-0	433-0
61/-110"	-6	282-0	493-0
91/-092"	-6	282-0	493-0
91/-098"	-7	320-0	560-0
91/-101"	-75	340-0	592-0
91/-104"	-8	352-0	624-0
91/-110"	-9	390-0	688-0
91/11	-9504	406-0	719-0
91/-118"	1-0	424-0	750-0
127/-101"	1-0	424-0	750-0

SCHEDULES.

FIRST SCHEDULE.

Form 1 (Reg. 2).

Under the Mining Act, 1926.

MINER'S RIGHT.

<p>[Block to be retained by the officer.]</p> <p>MINER'S RIGHT, N.Z. Not extending to Native ceded land.</p> <p>No.</p> <p>District and place of issue :</p> <p>To whom issued : of</p> <p>Date of issue :</p> <p>Date of expiry :</p> <p>Fee paid : 5s.</p> <p>Initials and designation of officer by whom issued :</p>	<p>[To be issued to the applicant.]</p> <p>MINER'S RIGHT, N.Z. Not extending to Native ceded land.</p> <p>No.</p> <p>District : To whom issued : [Full name], of [Residence].</p> <p>Date of issue : day of . 19 .</p> <p>Date of expiry : Receipt of five shillings is hereby acknowledged. Dated and issued at this day of 19 .</p> <p>..... Warden [or other designation of officer].</p>
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