



# Government Gazette

OF

## WESTERN AUSTRALIA.

[Published by Authority at 2.30 p.m.]

[REGISTERED AT THE GENERAL POST OFFICE, PERTH, FOR TRANSMISSION BY POST AS A NEWSPAPER.]

No. 16.]

PERTH : FRIDAY, 4th MARCH

[1955.]

### STATE TRANSPORT CO-ORDINATION ACT, 1933-1954.

#### Transport Regulations.

THE Western Australian Transport Board, pursuant to section 58 of the State Transport Co-ordination Act, 1933-1954, hereby amends the Transport Regulations, 1934, as published in the *Government Gazette* on the 16th March, 1934, and amended from time to time thereafter, in the manner mentioned in the schedule hereunder.

#### The Schedule.

1. The following definitions are added to Regulation 1:—
  - “Depot” means any premises or place established by the Board for the purposes of section 47D of the Act.
  - “Delegate” means any person to whom the Board has delegated any of its functions or powers in accordance with the provisions of section 47E of the Act.
  - “Charge” means a payment required in respect of an interstate vehicle under section 47F of the Act.
2. By adding the words “save as provided otherwise in these regulations” before the words “All moneys” in Regulation 12.
3. By inserting after Part V. a new part as follows:—

#### Part V (A)—Interstate Vehicles Licences.

42A. An application for a licence for an interstate vehicle may be made by the owner of the vehicle or his agent and shall be in the form numbered 13 in the First Schedule.

42B. (i) The Board or a duly authorised delegate may accept an application made by telephone or telegram or in any other form in circumstances where it is not practicable to make formal application in person or by post.

(ii) Where an application so made is granted the Board or the delegate shall impose conditions requiring the lodgment of formal applications, the taking out of licences and the payment of charges.

(iii) Any conditions imposed under the preceding paragraph shall be in addition to any other conditions which the Board or the delegate is authorised to impose on the granting of an application for a licence for an interstate vehicle.

(iv) The owner and the driver of an interstate vehicle in respect of which an application has been so granted shall comply with and observe any conditions imposed on the granting of the application.

42C. A licence for an interstate vehicle shall be in the form numbered 14 in the First Schedule.

42D. A licence for an interstate vehicle shall not issue until any charge payable in respect thereof has been paid.

42E. Any conditions imposed on the granting of a licence for an interstate vehicle other than those relating to the lodgment of formal applications, the taking out of licences and the payment of charges shall be endorsed on the licence on its issue.

## Establishment of Depots.

42F. (i) Notice in the *Government Gazette* to the effect that a place or premises has been established as a depot shall constitute such a place or premises a depot.

(ii) Where a depot is established in another State notice of the establishment thereof shall be given in the *Gazette* of such State.

## Appointment of Delegates.

42G. Appointment of delegates shall be by order of the Board. Each delegate shall be furnished with a certificate of authority under the seal of the Board specifying the functions and powers delegated to him.

42H. The Board may from time to time vary or add to the terms of a delegation. In the case of such variation the delegate shall be furnished with a new certificate of authority.

42I. A delegate shall at the request of an applicant for a licence for an interstate vehicle produce his certificate of authority.

42J. Revocation of a delegation shall be by order of the Board and shall be in writing signed by the Chairman of the Board.

42K. Where a delegation is revoked or ceases to be effective for any other reason the delegate shall forthwith return to the Board his certificate of authority together with all forms, receipts and other documents issued to him by the Board.

42L. A delegate shall forthwith upon receipt of any charge issue a receipt therefor in a form provided by the Board.

42M. (i) A delegate shall within seven days from the end of each calendar month furnish to the Board a return in writing setting out the details of all licences granted or issued by him during such month and the charges received by him in respect thereof and shall make payment of such charges to the Board.

(ii) A delegate shall forthwith upon cessation of his authority by revocation or any other cause furnish a like return in writing in respect of any licences granted or issued since his last monthly return and shall make payment to the Board of all moneys in respect of which he is accountable to the Board.

42N. Parts III, IV and V of these Regulations shall not apply to interstate vehicles.

42O. The First Schedule is amended by adding new forms as follows:—

## Form No. 13.

State Transport Co-ordination Act, 1933-1954.

## APPLICATION FOR LICENCE FOR INTERSTATE VEHICLE.

I, ....., of .....,  
 (hereby apply for a licence for an interstate vehicle in accordance with the  
 particulars set out hereon.

## Particulars of Vehicle.

Owner—Name..... Occupation.....  
 Address.....  
 Driver—Name..... Occupation.....  
 Address.....  
 Make..... No. of Axles.....  
 Type..... Axle Spacings (front to rear)—  
 Registered No..... 1 to 2.....  
 Nature of Loading..... 2 to 3.....  
 Quantity of Loading—  
 Seating (passengers only)..... 3 to 4.....  
 4 to 5.....  
 Goods.....cwts. No. of Tyres.....  
 Tare Weight.....cwts. Type of Tyres.....  
 (High or Low Pressure.)

## Period During Which Licence Required.

From (date)..... To (date).....

Route.

From..... To.....  
(Town and State.) (Town and State.)via.....  
(Brief description of route.)

I hereby declare that the particulars stated in this application are correct.

Date of Application....., 19.....

Signature of Applicant.....

Form No. 14.

State Transport Co-ordination Act, 1933-1954.

## LICENCE FOR AN INTER-STATE VEHICLE.

THIS licence shall authorise the operation of the undermentioned inter-state vehicle in accordance with the particulars of route, times and loading set out herein, and subject to the conditions (if any) endorsed on the back hereof.

## Particulars of Vehicle.

Owner's Name..... Occupation.....

Address.....

Make..... Type..... Registered No.....

Route.

From..... To.....

via.....

Period of Operation.

From..... To.....

## Loading.

Nature and Quantity of Loading.....

Charge required—

£ : :

Issued on the..... day of....., 195.....

Issuing Officer.

Made and adopted at a meeting of the Western Australian Transport Board on the 1st day of February, 1955.

The Common Seal of the Western Australian Transport Board was hereto affixed by order of the Board in the presence of—

[L.S.]

W. H. HOWARD,  
Chairman.G. SLATER,  
Acting Secretary.

Approved by His Excellency the Governor in Executive Council this 9th day of February, 1955.

R. H. DOIG,  
Clerk of the Council.

## COAL MINES REGULATION ACT, 1946-1951.

Department of Mines,  
Perth, 18th February, 1955.

HIS Excellency the Governor in Executive Council under the provisions of the Coal Mines Regulation Act, 1946-1951, has been pleased to amend in the manner set forth in the Schedule hereunder the Regulations and General Rules made under the Act and published in the *Government Gazette* on the 19th day of September, 1947, and amended from time to time thereafter.

(Sgd.) A. H. TELFER,  
Under Secretary for Mines.

## Schedule.

The abovementioned Regulations and General Rules are amended as follows:—

## 1. Regulation 1 is amended—

(a) by deleting the words "Management and Supervision" opposite Division III and substituting the following:—"Rules for the Conduct of Examinations and the Qualifications of Applicants made by the Board for Appointing Examiners.";

(b) by inserting after Division XIV, a new Division as follows:—

## Division XV—Trolley Wire Locomotives.

2. Regulation 3 is amended by deleting the word "an" first appearing in line 4 and inserting the words "a Departmental" in lieu thereof.

3. Regulation 6 is amended by the addition of the following subregulations:—

(3) "Stoppings" means a substantial structure of bricks not less than 6in. thick, with the face coated with mortar where necessary.

(4) "Ventilating screen" means brattice or lime or cement-washed brattice used as a temporary arrangement to guide the air current around the workings.

(5) "Fire seal" shall mean a stopping with a minimum thickness of 1ft., packed behind tightly with sand or other non-inflammable materials of fine texture, so as to make it air tight and with provision for air sampling.

(6) "Main airway" means an airway commencing from, or terminating at, a shaft or outlet to the surface, or any airway from which a supply is taken to ventilate any district of the mine, or into which a split so taken returns.

(7) "Ventilating district" means any part of a seam having an independent intake airway commencing from a main intake airway and an independent return airway terminating at a main return airway.

4. Regulation 9 is amended by deleting the word "control" in line 4 and inserting the word "approval" in lieu thereof.

5. Regulation 11 is amended by inserting before the word "to" in line 4, the words "in accordance with section 12 (3) of the Act."

## Division III.

6. The heading of Division III and regulations 19 to 37 inclusive are repealed and the following inserted in lieu thereof:—

Rules for the Conduct of Examinations and the Qualifications of Applicants made by the Board for Appointing Examiners.

19. Examinations shall be held for:—(a) First Class Certificates of Competency, i.e., Certificates of Fitness to be Manager; (b) Second Class Certificates of Competency, i.e., Certificates of Fitness to be Under Manager; (c) Third Class Certificates of Competency, i.e.,

Certificates of Fitness to be Deputy; (d) Certificates of Competency as Coal Mine Electrician, and shall be open to all persons of 23 years of age upwards.

20. Examinations shall be held in the months of April and October in every year. Ample notice of the intention to hold an examination will be given through the daily papers.

21. Persons desirous of presenting themselves for examinations shall notify the Under Secretary for Mines of the fact on a form, which may be obtained from the Secretary to the Board at the Department of Mines, Perth. The notice shall be accompanied by the prescribed fee. This fee shall admit to one examination only.

22. Every candidate shall forward the following documents to the Under Secretary for Mines, Perth, at least fourteen days before the examination:—

A statement, verified by statutory declaration, setting forth his age and occupation; the mines at which he has gained practical experience; the nature of such practical experience; and by whom he has been employed during the last five years prior to the date of application for examination.

Testimonials from his employer or two persons (whose addresses shall be given) of his sobriety, experience, ability and general good conduct. If a copy of the testimonials be forwarded with the originals, the latter will be returned to the candidate after the examinations.

23. If in the case the examiners do not deem the evidence produced by a candidate in compliance with the preceding rule to be satisfactory, they may refuse to allow such candidate to present himself for examination.

24. The subject of the examination for First Class Certificates as Manager shall be:—

(1) (a) Mining legislation and Administration, requiring a knowledge of:—

(i) The Coal Mines Regulation Act, 1946, (and any amending Acts), including the regulations for the installation and use of electrical equipment contained in the General Regulations.

(ii) The Mines Rescue Act, 1925, N.S.W. (and any amending Acts), and the regulations thereunder.

(iii) First aid and ambulance work.

(Note.—The examination in the subjects detailed in this paragraph shall be oral.)

(1) (b) Lay-out and organisation of mine surface and arrangements and writing of reports.

(2) Surveying, levelling, drawing and mathematics, including practical arithmetic and the principles and practice of mine surveying; calculation of areas and volumes; contour lines and levelling; traversing with the theodolite underground and on the surface; connecting of surface and underground surveys; triangulation; mine plans and sections; the use, care and testing of instruments.

(3) Ventilation of coal and shale mines, underground fires and explosions, the properties, identification and practical estimation of gases met with in coal and shale mines; sources, effect and control of air underground; stoppings and air crossings; construction, use and testing of safety lamps; coal dust; spontaneous heating, rescue operations; apparatus, and organisation recovery of mines after explosions, fire and inundations; precautions in approaching disused workings.

(4) Winning and working of coal and shale and practical geology, with particular reference to the coal measures of Western Australia; boring and sinking; systems of laying out and working under various conditions; methods of supporting roof and sides; general knowledge of explosives and other means of getting minerals.

(5) Machinery for winding, hauling, pumping mechanical coal cutting, conveying, mechanical coal loading, general and transmission of power, mechanical steam, electrical, compressed air, hydraulic; strength of materials; apparatus for the prevention of over-winding.

25. The subjects of the examination for Second Class Certificate as Under Manager shall be—

- (1) arithmetic up to and inclusive of square root and mensuration;
- (2) theory and practice of ventilation and nature of properties of gases met with in mines, and of the precautions against danger from the firing of coal-dust;
- (3) the winning and working of coal and shale;
- (4) knowledge of machinery and plant in common use in coal mines with special reference to safety;
- (5) knowledge of first aid to injured, in regard to treatment of fracture, arresting bleeding, restoration of apparently drowned or suffocated, and the proper conveyance of the injured.

Each candidate presenting himself for examination for a Second Class Certificate as Under Manager shall be the holder of a Certificate of Proficiency in First Aid from a society or body approved under the provisions of the Mines Rescue Act, 1925, N.S.W.

Note.—The approved bodies are—

- (1) The New South Wales Government Ambulance Corps.
- (2) St. Johns Ambulance Association.
- (3) St. Andrews Association.
- (4) Railway and Tramways Ambulance Corps.
- (6) Knowledge of the Coal Mines Regulation Act, 1946, and any amending Acts.

Note.—The examination in the subject detailed in this paragraph shall be oral.

26. (1) The subjects of the examination for a Third Class Certificate as deputy shall be in accordance with the duties required of a deputy or shotfirer under the provisions of the Coal Mines Regulation Act, 1946, and any amending Acts as under:—

- (a) Examination for the presence of gas.
- (b) Ascertaining and sufficiency of ventilation, state of roof and sides.
- (c) Supervising the general duties of shotfirers.
- (d) Such other matters relating to the general safety of the mines as are required to be performed.

(2) The holder of any certificate under this division shall every five years provide a certificate from an independent medical practitioner to prove that his eyesight and hearing are not defective. The expense of such certificate will be borne by the employer.

(3) The Board of Examiners shall supply, if requested by the candidate, the marks which he has obtained in each subject at the examination.

27. In the subjects for Second Class and Third Class Certificates regard shall be had to the giving of such questions as are suitable for practical working miners.

28. The subjects of the examination for certificate as coal mine electrician shall be—

- (a) the use of electricity in and about coal and shale mines. The questions to be asked shall be suitable for practical working electricians;
- (b) knowledge of the Coal Mines Regulation Act, 1946, and (any amending Acts), in regard to the installation and use of electrical equipment and including the regulations contained in such Act;

(c) knowledge of first aid to the injured in cases of electric shock.

29. Each examination shall be partly written and partly oral. Only candidates who are successful in the written section of the examination will be required to attend for the oral section.

30. The examiners shall allot to each subject of examination the following maximum marks:—

(1) (a) For First Class Certificates as manager—

Subject No. 1 (b) (4 questions) .....	40
Subject No. 2 (5 questions) .....	30
Subject No. 3 (8 questions) .....	100
Subject No. 4 (12 questions) .....	140
Subject No. 5 (10 questions) .....	90
<b>Total</b> .....	<b>400</b>
Oral Section .....	140
<b>Grand Total</b> .....	<b>540</b>

(b) For Second Class Certificates as under managers: written section—

Subject No. 1 .....	24
Subject No. 2 .....	64
Subjects No. 3 and 5 .....	80
Subject No. 4 .....	32
<b>Total</b> .....	<b>200</b>
Oral Section .....	100
<b>Grand Total</b> .....	<b>300</b>

(c) For Third Class Certificate as deputy—

Written Section .....	40
Oral Section .....	60
<b>Grand Total</b> .....	<b>100</b>

(d) For certificates as coal mine electrician—

Subject No. 1 .....	120
Subject No. 2 .....	60
Subject No. 3 (Oral—First aid) .....	40
Oral section .....	180
<b>Grand Total</b> .....	<b>400</b>

(2) The fees payable by applicants for certificates shall be as follows:—

	£	s.	d.
Fee to be paid by applicant for a First or Second Class Certificate of Competency or Service .....	2	0	0
Fee to be paid on the granting of a First or Second Class Certificate of Competency or Service .....	1	0	0
Fee to be paid on issue of copy of certificate .....	1	0	0
Fee to be paid by an applicant for a Third Class Certificate of Competency or Service .....	1	0	0
Fee to be paid on the granting of a Third Class Certificate of Competency or Service .....	10	0	
Fee to be paid on the issue of copy of certificate .....	10	0	
Fee to be paid by an applicant for a Coal Mine Electrician's Certificate (same as that of under manager), .....			

31. (1) (a) The minimum marks to qualify for a pass in the examination for First Class Certificate (as manager) or Second Class Certificate (as under manager) are—

- (i) 40 per cent. of the maximum marks in each subject and 60 per cent. of the aggregate marks in the written section; and
- (ii) 66 per cent. of the maximum marks in the oral section.

(b) In the examination for Third Class Certificate as deputy the minimum marks to qualify for a pass are 40 per cent. of the maximum marks in the written section and 66 per cent. of the maximum marks in the oral section.

(c) In the examination for Certificate as Coal Mine Electrician the minimum marks to qualify for a pass are 40 per cent. of the maximum marks in each subject (including oral section) and 66 per cent. of the aggregate marks in all subjects.

(2) In the case of a candidate who has performed National Service in any of His Majesty's forces during World War II, who fails to satisfy all conditions of the examinations in one or several subjects, at the examiners discretion, he may be allowed to take a post examination of these subjects. Where such candidate is allowed such a post the minimum marks to qualify for a pass shall be as prescribed in the second portion of 31 (1) (a) (i) and all of 31 (1) (a) (ii) in respect of candidates for Certificates of Competency as mine manager and under manager; rule 31 (1) (b) in respect of candidates for Certificates of Competency as deputy; and rule 31 (1) (c) in respect of candidates for Certificate of Competency as coal mine electrician.

(3) Note.—The examination papers shall contain a statement of the possible number of marks obtainable for each answer.

Note.—For the purpose of these rules, National Service means full-time service performed in the Naval, Military or Air Forces of the Commonwealth, United Kingdom, or of any other dominion, or of any other United Nations either wholly or partly during and partly after the conclusion of the war which commenced on the 3rd September, 1939.

Note.—The preceding regulation shall remain in force for a period of five years from the date of the gazettal of these regulations.

32. Each candidate shall write out answers to the questions in the presence of the examiners, and/or the supervisor, and the following rules shall be observed:—

- (1) Each candidate shall be in his place five minutes before time fixed for the commencement of each examination session. After this time no candidate shall be admitted unless very exceptional circumstances exist, and by express permission of the examiners, provided always that no person who has seen the examination paper has previously left the room.
- (2) Candidates shall be seated at least 5ft. apart in the examination room. All diagrams, etc., having reference to the subjects of the examination shall be removed from the walls of the examination room. Ink, pens, blotting paper, and white writing paper (foolscap or post) will be provided; as also metal paper fasteners, or other means of connecting the written papers.
- (3) No candidate who has entered the room and desires to abandon the examination shall, under any circumstances whatever, be permitted to leave before the expiration of an hour from the time permitted for the examination paper being given out.
- (4) Each candidate shall give up all books, papers or manuscripts in his possession whether referring to the subjects of the examination or not, to the supervisor before the examination commences.

- (5) The envelopes of examination questions shall be opened in the examination room in the presence of the examiners and of the candidates just prior to the time fixed for beginning the paper.
- (6) A candidate is held responsible if his written papers are exposed in such a manner that they may be copied by his neighbours. If the examiners are convinced that copying or collusion has taken place between two candidates, both these candidates are liable to be disqualified.
- (7) No communication by word or otherwise between candidates shall be allowed during the examination; if any candidate wishes to communicate with the examiners or supervisor he shall stand up in his place.
- (8) Questions may be answered in any order, and in the mathematical papers full credit will be given for the second part (or rider) or a double question even if the first part be not answered.
- (9) In answer to questions requiring calculation the examiners may require the whole of the work to be handed in. No credit will be given in such cases for answers if unaccompanied by the work.
- (10) Warning will be given ten minutes before time fixed for giving up papers. When the papers are called for, every candidate shall cease writing immediately.
- (11) Each candidate shall write his number at the top of every sheet of paper on which he submits answers to examination questions. He shall prefix to each answer the number or letter corresponding with the question, but is not required to copy the question.

When the candidate has completed his written work he shall place a blank covering sheet of paper on the front, fasten all sheets together at the left hand top corner, and write on the covering sheet his name, the name of the subject, and the words "First Class," "Second Class," "Third Class" or "Electrician" according to the class of certificate for which he is being examined.

- (12) Any candidate not observing these regulations may be immediately expelled from the examination room or the examiners may subsequently cancel his paper.

33. The worked papers when received from each candidate shall be initialled by one of the examiners or supervisor. Immediately after each examination the worked papers shall be sealed up. Before they are thus sealed up no persons (not being an examiner or supervisor) shall be allowed to enter the room except with the permission of the examiners.

34. The oral part of the examination shall be conducted for each candidate separately, with a view to ascertaining his practical knowledge, his knowledge of first aid to the injured and mining legislation. This part of the examination shall, in each case, occupy such time as the examiners deem necessary in order to satisfy themselves of the practical knowledge possessed by the candidate.

The supervisor shall arrange the order in which candidates are to attend the oral examination.

35. In the event of a difference of opinion, all decisions of the examiners shall be those of the majority.

On the completion of each examination the examiners shall furnish a full report to the Under Secretary for Mines after direction by the Chairman of the Board.

A copy of the report shall be entered in the minutes of the Board.

36. Candidates appearing a second time shall produce fresh evidence of their sobriety, experience, ability and general good conduct.

A candidate for a First Class Certificate of Competency shall not, in the event of his failure to obtain such a certificate, at the same examination obtain a Second Class or Third Class Certificate.

37. The Board does not assume any responsibility for the acts of the examiners or supervisor, except in so far as those are in accordance with the instructions.

7. Regulation 65 is amended by deleting the word "until" in line 2 of subregulation (1) (b) and inserting the words "for a period of not more than" in lieu thereof and by deleting the word "shall" in line 1 of subregulation (1) (c) and inserting the word "may" in lieu thereof.

8. Regulation 65 is further amended by deleting subregulation (3) and inserting the following in lieu thereof:—

(3) (a) Proper apparatus for raising and lowering persons at each vertical shaft shall be kept available in use on the works belonging to the mine.

(b) In the case of tunnels it shall not be necessary to provide apparatus for the lowering or raising of persons in the second tunnel where such tunnel can be reasonably travelled on foot.

9. Regulation 65 is further amended by adding after the word "tunnel" in line 2 of subregulation (5) the words "or haulage shaft which can be used for raising or lowering men."

10. Regulation 69 to be deleted and the following inserted in lieu thereof:—

69. No person shall work as a coal getter or filler or a shale getter or filler in the face of the workings of a mine, unless—

(a) he has been employed or has worked for two years in or about the face of the workings of a mine as a coal getter or filler or a shale getter or filler prior to the gazettal of these regulations, or;

(b) he works in company and subject to the direction in matters of safety of a person who has been employed or has worked for two years in or about the face of the workings of a mine as a coal getter or filler or a shale getter or filler.

11. Regulation 70 (2) (a) is amended by adding after the word "workmen" in line 4 the words "except in cases of mechanised mining where it shall be kept at a convenient distance"; and by inserting in subregulation (2) paragraphs "(d)" and "(e)" as follows:—

(d) Where mechanical loading is being done, ample supplies of screw pipes or other such suitable appliances shall be provided for use with each mechanical loading unit.

(e) Sylvester's prop drawers or other safety appliances shall be provided for the purpose of withdrawing timber where the worker or official deems it necessary.

12. Regulation 70 is further amended by deleting subregulation (5) and inserting the following in lieu thereof:—

(5) On any mechanical haulage road where skips are assembled, having more than one track, no centre props shall be erected between the tracks except in abnormal circumstances, and such flats shall be efficiently lighted, and where skips are spragged on single tracks, ample clearance, where practicable, of not less than 3ft. shall be provided between side of skip and nearest timber.

13. Regulation 70 (6) is amended by adding a new paragraph as follows:—

(d) The abovementioned intervals to be subject to the approval of the Departmental Inspector.

14. Regulation 70 is amended by adding a new subregulation (7) as follows:—

(7) Where roof bolting is used to support the roof, then it shall be kept under close supervision and subject to the Departmental Inspector's approval until roof bolting is established as an efficient method of roof support.

15. Regulation 71 is amended (a) by deleting the words "a type approved by the Inspector" in lines 2 and 3 of subregulation (1) and inserting the words "an approved type"; (b) by deleting subregulation (2) and inserting the following in lieu thereof:—

(2) Where it is shown to the satisfaction of the Minister that it is not practicable to arrange for the charging of electric head lamps at any mine and that no danger is involved in the use of other types of lamps, he may grant an exemption from the use of electric head lamps.

and by adding a new subregulation as follows:—

(3) Pads and belts to be provided by the management, except the user shall be responsible for any loss or wilful damage. Pad and belt to be removed by the user before handing over lamp for charging. Old pads and belts to be returned before new ones are issued.

16. Regulation 72 to be deleted and the following inserted in lieu thereof:—

72. (1) No lamp or light other than a locked safety lamp or electric lamp of an approved type shall be allowed or used—

(a) in any seam where the air current in the return airway or in any ventilating district in the seam is found normally to contain more than one half percentage of inflammable gas;

(b) in any place in a mine in which there is likely to be any such quantity of inflammable gas as to render the use of naked lights dangerous;

(c) in any working near to or approaching a place in which there is likely to be an accumulation of inflammable gas.

(2) The average percentage of inflammable gas found in six samples of air taken by the Departmental Inspector in the air current in the return airway in the ventilating district at intervals of not less than a fortnight shall, for the purposes of this section, be deemed to be the percentage normally contained in the air. Such samples of air to be taken by means of an approved type of gas testing apparatus.

17. Regulation 73 to be deleted and the following inserted in lieu thereof:—

73. Wherever safety lamps are used they shall be of an approved type.

18. Regulation 76 is amended by deleting the words "twenty-four hours" in line 1 of subregulation (2) and inserting the words "working day."

19. Regulation 78 is amended by adding the words "whilst in motion" after the word "guarded" in line 2.

20. Regulation 79 is amended by deleting the word "greater" in line 5 and inserting the word "the" in lieu thereof.

21. Regulation 81 is amended by deleting the words "a type approved by the inspector" in line 8 of subregulation (1) and inserting the words "an approved type" in lieu thereof.

22. Regulation 82 is amended by inserting the words "withdraw from that place and" following the word "immediately" in line 5.

23. Regulation 83 (1) is amended by deleting paragraph (b) and inserting the following in lieu thereof:—

(b) For the purpose of such exploration, and with the written permission of the Departmental Inspector, headings not exceeding 12ft. in width and a height subject to the approval of the Departmental Inspector may be driven into the five chain barrier, provided that in all such places there shall be constantly kept at a sufficient distance, not being less than five yards in advance, at least one borehole near the centre of the working, and sufficient flank boreholes on each side.

24. Regulation 88 is amended by deleting subregulation (5) and inserting the following in lieu thereof:—

(5) Every employee shall wear boots considered suitable by the management.

25. Regulation 89 is amended by deleting all the words following the word "be" in line 3 of subregulation (1) and inserting the words "kept securely fenced where considered necessary by the Departmental Inspector, for the prevention of accidents."

26. Regulation 92 is amended by adding after the word "shaft" in line 3, the words "unless it is mutually agreed by the management and mine workers."

27. Regulation 93 to be deleted and the following inserted in lieu thereof:—

93. Every road on which persons travel underground where the load is drawn by horse or other animal, if a clear space of 3ft. is not provided between the side of the skips and rib or stone pack, shall be provided with manholes at intervals of not more than 50 yards.

28. Regulation 96 is amended by deleting subregulation (2) and inserting the following in lieu thereof:—

(2) Should such height appear inadequate to the Departmental Inspector he shall require it to be increased to such an extent as he thinks proper, and the manager shall comply with such requisition unless he disputes the reasonableness thereof, in which case the matter shall be referred to the State Coal Mining Engineer but the management shall have the right to appeal.

29. Regulation 97 to be deleted and the following inserted in lieu thereof:—

97. Travelling roads into contract sections shall be mutually agreed upon by the management and the men.

30. Regulation 98 is amended by inserting after the word "persons" in line 1, the words "or material."

31. Regulation 99 to be deleted and the following inserted in lieu thereof:—

99. (1) Every haulage road on which haulage is worked by gravity or mechanical power shall be provided with refuge holes at intervals of not more than ten yards, but if the gradient does not exceed one in twenty and a clear space of 3ft. is provided on one side of the road, or the rate of haulage is not more than three miles per hour, it shall be sufficient if the intervals are not more than twenty yards.

(2) Every refuge hole shall be—

- (a) as near as practicable, 3ft. in width and not less than 4ft. in depth;
- (b) not less in height than the height of the road at the point where the manhole is placed or 6ft. whichever is the lesser;
- (c) if such a clear space is kept, as aforesaid, on the same side of the road as that space;
- (d) if no such clear space is provided on the same side of the road as the other refuge holes, or where the road is on a curve, on the outer side of the curve;
- (e) kept clear and free from restrictions so as not to impede ingress;
- (f) where cut-throughs are deemed suitable for manholes, they may be used as such, subject to the approval of the Departmental Inspector.
- (g) Provided that an exemption may be obtained from the provisions of this regulation of all haulage roads in existence prior to the gazettal of these regulations.

32. Regulation 100 to be deleted and the following inserted in lieu thereof:—

100 (1). In every mine, where required by the Departmental Inspector, an efficient system of telephonic communication shall be provided and maintained for the proper performance of the work in the mine.

(2) (a) Every mine shall be provided with an efficient emergency centrally placed telephone, which is directly coupled up to the G.P.O. telephone system, to be used for emergency telephone calls only.

(2) (b) Any person using such telephone, except in cases of emergency, shall be deemed to have committed a breach of this regulation.

33. Regulation 101 is amended by inserting after the word "and" following the word "distinct" in line 2, the words "a standard code"; by deleting paragraphs (a) and (b) and by deleting the letter "(c)" opposite paragraph (c) and inserting the letter "(a)" in lieu thereof; and by adding paragraph "(b)" as follows:—

(b) Every person employed on haulage in the mine shall make himself acquainted with the system of signals used in such mine.

34. Regulations 102, 103, 104 and 105, 106, 107 and 108 to be deleted and the following inserted in lieu thereof:—

102. A clear view shall be kept for the engine driver between his stations and the shaft at the brace, or, in lieu thereof, indicators shall be provided, which will efficiently provide for safety.

103. Guides shall be provided in the case of every working shaft over 50 yards in depth and in the case of every shaft in course of being sunk over one hundred yards in depth unless a written exemption is given by the Departmental Inspector.

104 (1) Every cage will be provided with catches or other suitable contrivances to prevent skips or tubs from falling out and if used for lowering or raising persons shall be covered at the top and provided with a hinged man-way door and closed in at two sides in a sufficient manner to prevent persons or things from projecting beyond the sides and shall be provided with suitable gates or other rigid fences and with a rigid handrail fixed in a position where it can be easily reached by all persons in the cage.

The cage shall also be fitted with a detaching safety hook with suitable detaching appliance fixed to the poppet head, and no safety hook shall be used that will not suspend a cage fully loaded at the poppet head when detached from the rope and which does not comply with the S.A.A. Code for detaching hooks.

104 (2) On all occasions when repairs are being effected to the clutches or brakes of a winding engine and where ropes are attached to the drum, the cage shall be removed or firmly supported while the work is in progress.

105. Cages shall be examined by the mine manager or a duly qualified person appointed by him once in every working day and he shall enter the result in a book kept at the mine for that purpose.

106. All safety detaching hooks shall, at least once in every six months, be dismantled, examined, cleaned and oiled by a competent person who shall record the result of same in a record book.

In the event of an overwind occurring in the mine shaft whereby the safety detaching hook is brought into engagement with the catch plate or bell in the head gear, the detaching hook shall immediately be withdrawn from service and undergo a thorough examination of each part for fatigue cracks, fracture, deformation of the hook plates or any other defects liable to result from oversteering.

107. New Heading: "Safety Provisions of Haulage Roads."

(1) A stop block or other similar contrivance shall be provided at the top of every incline on which the haulage, not being endless rope or endless chain haulage, is worked by gravity and at every entrance thereto by which skips are brought on to the incline.

(2) In every haulage road where mechanical haulage not being endless rope or endless chain haulage is used and where the gradient exceeds one in twelve, suitable contrivances shall be provided to prevent accidents in the event of a skip or skips running away.

(3) When raising there shall be provided and attached to the last skip a back stay or other approved contrivance for preventing the skip or skips running back.

(4) With the exception of the set rider, no person shall ride on the skips when being raised or lowered except by the permission of the manager of the mine.

(5) When men are being raised or lowered the skips shall be provided with over chains, bridle chains or other approved appliances which would prevent the skips from becoming disconnected and running away.

(6) Drawbars, shackles and couplings shall comply with the requirements of the S.A.A. Code.

108. In any mine which is usually entered by means of machinery where men or materials are hauled to or sent from the surface, a competent male person, not less than the age of 22 years, who is the holder of a Winding Engine Driver's Certificate of Competency, shall be appointed for the purpose of working the machinery and shall attend for that purpose, within hearing of the signals during the whole time that any person is below ground in the mine.

Provided that, where there are two means of entry into and exit from a mine without the aid of machinery, the foregoing provisions of this regulation shall not apply.

35. Regulation 109 is amended by inserting after the word "shaft" in line 1, the words "not being a vertical shaft"; by inserting after the word "such" in line 4, the word "underground" and by deleting the word "eighteen" in line 6 and inserting the words "twenty-one" in lieu thereof.

36. Regulation 110 is amended by deleting subregulations (1) (2) and (3) and inserting the following in lieu thereof:—

(1) Before any winding rope is placed in service in a mine the owner, agent or manager shall deposit with the inspector a true copy of the maker's certificate giving full details of the construction of the rope, the class of steel used, and the breaking strain of the rope.

(2) If the inspector is not satisfied that the maker's certificate supplied to him is authentic and applies to the particular rope in question, he may require a certificate to be obtained by means of a test of the breaking strain of a sample of the rope at a testing station approved by the Minister and the manager shall thereupon obtain that certificate and forward it to the inspector before using the rope.

(3) The testing of ropes in use for their breaking strain, where the system of winding permits, shall be by means of a test at an approved testing station, of a sample of the rope cut off the cage end.

By inserting before the word "inspector" in line 2 of subregulation (4) the word "Departmental"; by deleting the words "by such methods as he shall approve" in lines 3 and 4; by inserting before the word "winding" in line 4 the word "vertical"; by adding after subregulation (4) a new subregulation (4a) as follows:—

(4a) Where endless ropes are used in any coal mine the splicing must be done to the specifications submitted by the Departmental Inspector of Mines.

By deleting all the words following the word "mine" in line 1 of subregulation (5).

By inserting after the word "rope" in line 1 of subparagraph (a) of subregulation (7) the words "used in vertical shafts."

By inserting the letter "(a)" after the figure "8" in subregulation (8) and adding a new paragraph as follows:—

(b) Should the winding engine man or winch driver, except in the case of automatic endless rope haulage, observe at any time defects in the rope, he shall record same in a book kept at the mine for the purpose, and the defects shall be referred by the manager to the Departmental Inspector.

By deleting the words "at least once in every six months" after the word "annealed" in line 1 of subregulation (10) and inserting the words "in accordance with the Standards Association of Australia" in lieu thereof.

37. Regulation 115 is amended by inserting after the word "any" in line 2, the word "vertical."

38. Regulation 116 is amended by deleting all the words following the word "mine" in line 3 of subregulation (2) and by inserting after the word "therein" in line 1 of subregulation (3) the words "except in the case of emergencies and by mutual agreement by the management and the mine workers concerned, subject to the approval of the Departmental Inspector."

39. Regulation 118 is amended by adding the following words after the word "permit" at the end of the regulation "A copy of the permit to be sent to the union representative."

40. Regulation 120 to be deleted and the following inserted in lieu thereof:—

120 (1). The quantity of air in circulation shall be measured once a month and recorded in a prescribed form of book kept at the mine for the purpose.

(2) The points at which the air in circulation in the mine shall be measured are as follows:—

(a) in the main intake airways of every seam in the mine at a point as near as is practicable to the entrance to the mine.

(b) In every split at, or as near as practicable to, the point at which the split commences.

(c) In every ventilating district at, or as near as practicable to, a point one hundred yards back from the first working place the air enters.

41. Regulation 121 is amended by deleting the word "fortnight" in line 1 and inserting the word "month" in lieu thereof, and by deleting the words "to be" in the last line.

42. The heading to regulation 122 is amended by deleting all words after the word "Crossings."

43. Regulation 122 is amended by inserting the figure "(1)" opposite the number of the regulation and by adding subregulation (2) as follows:—

(2) In all panels commenced after this regulation comes into force and where practicable in existing workings, as considered by the Departmental Inspector, efficient ventilation screens shall be maintained to within two cut-throughs of the working face.

44. Regulation 124 to be deleted and the following inserted in lieu thereof:—

124 (1). Every road which is a connection between a main intake airway and a main return airway shall be provided with at least two effective doors except that if, owing to any special circumstances it is impracticable to provide two such doors, other means of effective separation shall be provided by the manager.

(2) Every road, in which doors are required to prevent short-circuiting of air currents, shall be provided with at least two doors or, if it is not practicable owing to any special circumstances to provide two doors, with at least one door and one sheet. Doors and sheets shall be so spaced that whenever one door or sheet is opened at least one other door or sheet must be kept shut.

(3) Every ventilation door shall be maintained in efficient working order and in good repair. It shall be self-closing and whenever opened it shall be closed as soon as possible, and not propped or fixed so as to remain open. If not required in use every such door shall be taken off its hinges and placed in a position in which it will not cause any obstruction to the air current.

(4) Every ventilation sheet shall be maintained in efficient working order and in good repair, and in mines where naked lights are used it shall be made of fire-resisting material.

(5) Any road, connecting an intake and a return airway, which has ceased to be required for the working of the mine shall be effectively sealed forthwith.

45. Regulation 126 is amended by the deletion of subregulations (1) and (2) and inserting the following in lieu thereof:—

(1) A competent person or competent persons, hereinafter referred to as firemen, examiners or deputies, appointed by the owner, agent or manager for the purpose of not being contractors for getting minerals in the mine shall, within four hours immediately before the commencement of each day shift and within two hours of the commencement of the afternoon shifts inspect every part of the mine situate beyond the station or each of the stations aforesaid, and in which workmen are to pass or work during that shift, and shall ascertain the condition thereof so far as the presence of gas, ventilation, roof, sides and general safety are concerned, and he shall indicate by some visible means that he has examined the places mentioned. No working place where men are to work or pass shall be left uninspected for a longer period than four hours where two or more shifts follow immediately on each other.

Provided that if the mine is continuously worked throughout the 24 hours of a working day, then the said inspections shall be made within two hours of the commencement of each shift: Also providing that the above mentioned pre-shift inspection of mechanical sections shall be made within two hours of the commencement of the shift.

(2) (a) Normal pre-shift inspections by deputies and inspections during the shift shall be made with an approved type of locked flame safety lamp for the detection of inflammable gas. When two per cent. of methane is present the men shall be withdrawn.

(b) The deputy in charge of a shift shall make an inspection during the shift and report the result of same in a prescribed book kept at the mine for that purpose and he shall also indicate on a board in the Deputies' Station the number of men in each category under his charge on that shift.

(c) Tests for the presence of methane to be carried out by the management at periods of not more than three months with an approved type of methane detector, the results of which shall be recorded in a book kept at the mine offices for the purpose.

- By adding the following words at the end of subregulation (5) "Report to be posted in the same manner as report in subregulation (4) of this regulation"; and by adding a new subregulation (6) as follows:—

(6) The manager shall cause two persons, not being under the age of twenty-one years or contractors for getting minerals in the mine, one of whom shall be a person registered as holding at least a third-class certificate of fitness to be deputy, to inspect with a locked oil flame safety lamp of an approved type or other approved appliance for the detection of gas and with an electric light of an approved type at least once within each working week every part of the old and waste workings, which are safely accessible, such inspection to be made on the day shift and the persons appointed shall ascertain the condition of such workings with respect to the presence of inflammable gas, ventilation, self-heating, and general safety and whether such examination occupy one day or more, or less than one day, the persons appointed shall before leaving the mine on each and every day, make and sign a report of such examination in a book to be kept for the purpose. The certificated person shall mark with chalk his initials and the date at each dead-end and at such other places as will clearly indicate the course they have taken.

If a report indicates the existence of any self-heating in any place, then such place shall be examined daily instead of weekly.

46. Regulation 127 is amended by deleting the word "For" at the beginning of subregulation (1) and inserting the word "In" in lieu thereof—by deleting subregulation (2) and inserting the following in lieu thereof:—

(2) (a) Where rubber belt conveyors are installed in intake airways adequate provision shall be made for the protection of all persons in the mine in the event of a fire taking place in that intake airway. Such provisions shall include an adequate number of approved fire extinguishers, as well as persons patrolling that intake when the belts are in operation.

(b) The main return airway of any mine shall not be used as a travelling way except in an emergency or by mutual agreement between the management and men.

47. Regulation 129, subregulation (5) is amended by inserting the word "Departmental" before the word "Inspector" in line 2; by deleting the words "of a type approved by the Inspector" in line 4, and by deleting the words "in the opinion of the inspector" in line 6.

48. Regulations 132, 133 and 134 to be deleted and the following inserted in lieu thereof:—

132. The number of sanitary conveniences provided shall be—

- (a) on the surface—one convenience to every twenty persons employed on the surface;
- (b) underground—one convenience to every twenty persons or portion thereof of total employees employed below ground at approved positions;
- (c) the convenience shall be placed on a floor of concrete where it is a reasonably permanent site and so screened as to give privacy and also to allow an ample air flow at the bottom and top of the screening, such screening to be thoroughly whitewashed, lighting shall be provided within the privy where practicable and the approach to the privy shall at all times be kept in a clean condition.

133. Seats of conveniences underground shall be of metal or seasoned timber, varnished or enamelled and where such is the case, the seats shall be kept in good condition.

134. A person or persons shall be appointed by the manager for the purpose of removing pans from and cleaning sanitary conveniences and of attending to other requirements necessary to ensure proper cleanliness. He shall inspect the conveniences on each working day and make a signed report after each inspection in a book kept for the purpose. He shall also report any act or misdemeanour of which he is personally aware if such act or misdemeanour tends to damage the sanitary convenience, its position or approach.

49. Regulation 135 is amended by inserting the word "Health" before the word "Inspector" in the last line.

50. Regulation 136 is amended by inserting the word "Departmental" before the word "Inspector" in line 1.

51. Regulation 138 is amended by inserting the figure "(1)" opposite the number of the regulation, and by adding a new subregulation "(2)" as follows:—

- (2) Reasonable provision shall be made at all open cuts to prevent an inrush of water from entering the underground workings.

52. Regulation 141 is amended by inserting the figure "(1)" opposite the number of the regulation, and by adding a new subregulation "(2)" as follows:—

(2) Every such crib cabin shall be of substantial construction and comply with either of the following specifications:—

- (a) Fixed Cabin—means a crib place which is to be used for a period of at least twelve months.
- (b) Mobile Cabin—crib places which are continually moved forward to keep within a reasonable distance of the working face.

Fixed—shall comply with the following specifications:—

The ribs, roof and floor shall be well trimmed of any loose coal or stone.

Where roof supports are required they shall be erected where practicable so that no props are standing in the cabin area.

The roof and sides shall be thoroughly lime or cement washed.

Seating shall be of the garden seat type arranged to give unrestricted room for sweeping and keeping the place clean.

Seats facing shall have a clear space between them of not less than 7ft., where practicable.

Tables may be installed where required but shall not be a fixed structure.

A hot water urn, if provided, shall be mounted on brackets adjacent to but clear of seating.

An adequate bench and racks shall be provided, designed for the proper storing and drying of one gallon tea pots and/or multi pots and for the storage of dry goods (tea and sugar) and cribs.

Hand basins shall be provided in all fixed crib cabins.

Mobile—shall comply with the following specifications:—

The place shall be trimmed of loose stone or coal and surroundings kept properly clean, and, where practicable, the sides and roof shall be white-washed.

Seating of the garden seat type shall be provided.

Where no urn is provided, hot tea shall be brought from the fixed cabin in a multi pot or other approved means.

There shall be fixed at mobile cabins, suitable receptacles or racks for the storage of cribs.

Adequate lighting, independent of the miners cap lamps, shall be provided where practicable.

There shall be appointed by the manager, a person or persons responsible for the cleaning and care of crib cabins.

Such person or persons shall be responsible, subject to the authority of the manager, for such cleanliness and shall report to the official in charge of the particular district any misdemeanour or misuse of facilities provided.

53. Regulation 142 is amended by deleting the word "metal" and inserting after the word "receptacle" in line 1, the words "with a secure close-fitting lid."

54. Regulation 143 to be deleted and the following inserted in lieu thereof:—

143. At every crib place a supply of potable water suitable for drinking and cleansing water shall be provided, sufficient for the needs of the men employed.

55. Regulation 144 is amended by inserting the figure "(1)" opposite the number of the regulation and by adding a new subregulation "(2)" as follows:—

(2) All personal drinking utensils shall be kept in an hygienic condition by the employee who uses the utensil.

56. Regulation 146 to be deleted and the following inserted in lieu thereof:—

146. A mess room for surface employees shall be built in a position clear of dust from the screens or pit-top. Ample supplies of potable water for the purpose of drinking and water for cleansing shall be provided therein. Suitable wash hand basins shall be provided. The building shall be lined, well ventilated for summer use and provided with suitable heating arrangements for the winter and provided with lighting facilities. It shall be kept in a clean condition, be provided with a rubbish receptacle having a close fitting lid. Racks for the storage of cribs shall be provided.

A person shall be appointed by the manager to keep the mess room clean and attend to the urn which is to be provided and such person is not to regard his duties as being restricted to this particular work.

57. Regulation 147 is amended by deleting the words "below ground" in line 2.
58. Regulations 149 and 150 to be deleted and the following inserted in lieu thereof:—
149. The interior of the walls shall be constructed, faced or lined with some material to allow of ready cleansing to a height of 7ft., and the main building shall be ceiled with suitable material.
150. Lavatory accommodation, including urinal, of the water flushing type shall be provided in conjunction with every change house.
59. Regulation 151 is amended by deleting the words "change-room" in lines 1 and 2 and inserting the words "change house" in lieu thereof, and by inserting after the word "showers" in line 2, the words "and exclusive of furnishings, but not including seating capacity."
60. Regulation 152 to be deleted and the following inserted in lieu thereof:—
152. All floors shall be made of cement or other approved material effectively laid and maintained. The floor shall be so laid as to allow effective drainage.
61. Regulation 154 to be deleted and the following inserted in lieu thereof:—
154. The control of hot and cold water showers shall be by hand and no board or other contrivance on which persons must stand to operate the showers shall be permitted, but nothing in this rule shall prevent the management and employees from agreeing to use water at a fixed temperature in lieu of hot and cold water being supplied separately.
62. Regulation 155 is amended by adding a new subregulation (6) as follows:—
- (6) In any new bath and change house constructed after the coming into force of these regulations, a hand basin shall be provided in the change house.
63. Regulation 156 is amended by adding at the end of subregulation (1) the words "with some approved antiseptic solution"; and by deleting all the words following the word "such" in line 2 of subregulation (2) and inserting the following in lieu thereof; "times as may be arranged by the manager and the men."
64. Regulation 157 is deleted and the following inserted in lieu thereof:—
157. Provision shall be made in each section of the change house to allow of the clothes of each person to hang clear of walls and in such a way so that each person's clothes shall not come in contact with his neighbour's.
65. Regulation 158 is deleted and the following inserted in lieu thereof:—
158. A rack shall be provided for footwear clear of the floor and so arranged as to allow of easy access for cleaning out the change house.
66. Regulation 159 is amended by deleting the words "or in lockers" in line 3 and by adding the following words at the end of the regulation "No duckboards shall be used in any change room unless they are kept enamelled and are steam cleaned daily to the satisfaction of the Departmental Inspector."
67. Regulation 161 to be deleted and the following inserted in lieu thereof:—
- 161 (1). A responsible adult person, qualified to render first aid, selected and appointed by the manager as Bath House Attendant, shall make a daily inspection of the bath and change house on each working day and shall make and sign a report in a book kept at the mine for the purpose.
- (2) The Departmental Inspector shall have the power to grant an exemption in any specific case.
68. Regulation 162 is amended by deleting the words "and Workmen's Inspector" in line 3 and inserting the word "inspector" in lieu thereof.

69. Regulation 163 is amended by deleting the word "inspector" in line 2 and inserting the word "Minister" in lieu thereof.

70. Regulation 165 is amended by deleting subregulation (2) and inserting the following in lieu thereof:—

(2) Adequate provision approved by the Minister, shall be made outside the change house for the storage of coats, helmets and boots.

71. Regulation 166 is amended by deleting the word "inspector" in line 2 and inserting the word "Minister" in lieu thereof.

72. Regulation 167 is amended by inserting the figure "(1)" after the number of the regulation and by adding subregulations "(2)" and "(3)" as follows:—

(2) Mechanical apparatus shall be installed and maintained at the entrance to the dirty clothes section of every change house for the cleaning of boots.

(3) The manager and employees of each mine shall mutually agree on a system of identification of a person's belongings.

73. Regulation 204 is amended by deleting the word "sun" in line 2.

74. Regulation 206 to be deleted and the following inserted in lieu thereof:—

206. There shall be kept at every mine to which these regulations apply, a ventilation plan showing the position of all main intakes and main return airways, all intake and return airways, also all doors, stoppings, air crossings, telephones and ambulance stations. The intake airways shall be coloured blue and the return airways coloured red. The code of signals used shall be in accordance to Schedule VI to these regulations.

75. Regulation 235 is amended by inserting after the word "working" in line 1 the words "conduct and safety."

76. Regulation 236 is amended by inserting after the word "or" in line 2 the word "intentional."

77. Regulation 237 is amended by deleting subregulation (1) and inserting the following in lieu thereof:—

(1) At every mine there shall be a First Aid Room separated from accommodation used for other purposes and it shall be used only for first aid and ambulance work. It shall be situated on the surface, conveniently near the entrance to the mine and shall have a floor space of not less than 100 square feet, and shall be capable of being adequately heated, ventilated, lighted and kept clean. It shall be distinguished by the words "First Aid" or a red cross painted on the door.

Provided that if such facilities are used for rescue purposes, the floor space shall not be less than 150 square feet.

All buildings shall be built of brick or other suitable material and all plans and specifications of first aid rooms shall be approved in writing by the Minister before commencing their erection, and no extension or structural addition to an existing first aid room shall be made unless plans and specifications of such extension or addition have similarly been approved by the Minister.

by deleting the words "Stimulants shall also be provided" in line 2 of subregulation (4) and inserting the words "also wash hand basin or sink" in lieu thereof, and by adding subregulations (7) and (8) as follows:—

(7) All stretchers in use at any mine shall be of an approved type and shall be interchangeable with the motor ambulance stretcher provided with equipment capable of transferring an injured person from one stretcher to another with ease.

(8) There shall also be provided a suitable type of wheeled stretcher, trolley or appliance for the transport of stretcher cases below ground.

78. Regulation 238 is amended by deleting the words "housed in" in line 1 of subregulation (2) and inserting the words "provided with" in lieu thereof; and by adding subregulations (6) and (7) as follows:—

(6) In any mine no horse shall be allowed to consistently work overtime, and in every case where a horse does work overtime, he shall be provided with a substantial feed and clean drinking water at change of shift and given ample time to consume same.

(7) -A humane horse killer shall be provided at every mine, where horses are in use, for destroying horses or other animals when the need arises. It may be taken below ground for that purpose but for no other purpose. Cartridges or explosives not being an approved explosive may be taken into the mine and used in the abovementioned appliance only.

79. Regulation 239 is amended by adding the following at the end of subregulation (1):—

"Such transport shall be on vehicles of an approved type. Coal skips as used at the gazetting of this regulation are not considered suitable for man-riding purposes, and shall not be used for that purpose after December, 1955."

and by inserting before the word "inspector" in line 1 of subregulation (2) the word "Departmental."

80. Regulation 240 to be deleted and the following inserted in lieu thereof:—

240. Man transport skips shall be provided with efficient lighting on the front end and, where considered necessary, efficient lighting shall be provided on curves.

81. Regulation 241 is amended by deleting paragraph (a) of subregulation (2) and inserting the following in lieu thereof:—

(a) In laying out panels, advancing headings, ventilated by an auxiliary fan, shall, so far as practicable, be inter-connected; and the manager shall specify, subject to the approval of the Departmental Inspector, the maximum distance—

(i) to which any heading may be advanced in front of the last through connection before a new connection is made; and

(ii) to which any face may be advanced beyond the auxiliary fan used for its ventilation;

And by inserting after word "panel" in line 3 of paragraph (d) of subregulation (2) the words "and proposed system of work within such panel."

And by deleting subregulation (3) and inserting the following in lieu thereof:—

(3) Where pillars are left for roof support the percentage of coal extracted in first working shall be determined by a select committee, approved by the Minister, comprised of all interested parties, provided that the width of any pillar shall not be less than 10 yards.

And by inserting before the word "inspector" in line 2 of subregulation (6) the word "Departmental"; and by deleting the letter "(a)" following the number of the paragraph.

82. Regulation 242 is amended by deleting subregulations (1) and (2) and inserting the following in lieu thereof:—

(1) Every place on the surface or gantry where a person has to work in a fixed permanent position shall be protected from the inclemency of the weather.

(2) Cycle sheds shall be erected at each mine in which workers may store their cycles. Such sheds shall be so constructed so as to permit a person to remove his cycle with ease and to protect his machine from the weather. All persons using cycles as a means of transport to and from work shall store same in the racks provided.

83. Regulation 243 is amended by inserting before the word "inspector" in line 2 of subregulation (4) the word "departmental."

84. Regulation 244 is amended by inserting the figure "(1)" following the number of the regulation; by inserting before the word "inspector" in line 3 the word "departmental"; and by adding subregulations (2) and (3) as follows:—

(2) The manager or undermanager shall examine each report made in pursuance of this Act or regulations as to conditions below the surface and shall countersign or initial each such report or copy thereof on the day on which the report is made or the day following.

(3) Any mine in which there is a contravention of or non-compliance with the preceding regulations shall be deemed to be not managed in conformity of the Act.

85. Additional regulations are added as follows:—

248. (1) A committee comprising of three persons shall be appointed by the combined unions at each mine to work in conjunction with the management for the protection and efficient operation of all equipment and installations provided for the greater comfort and health of the employees. Such committee shall also include a representative of the management.

(2) The committee shall make its own rules of procedure and shall in particular observe that all persons make proper use of the installations and appliances at the mine change houses, mess rooms, crib places and conveniences constructed for the benefit of the workers. The committee shall have authority to summon any offender to appear before them should they deem it necessary and shall report such offence to the Departmental Inspector for further action.

249. No person shall be employed in or about a mine on any class of work on which he has not been employed before the coming into force of these regulations except under competent instruction and supervision unless and until he is competent to do the work without supervision.

#### Division XV.—Regulations Governing the Use of Trolley Wire Locomotives.

250. No locomotive for which motive power is supplied by electric power on the trolley wire system, shall be used in any mine except with the consent of the Minister, but, save as aforesaid, and subject to the provisions of these regulations.

251. Where any such consent under the foregoing paragraph is withheld, or where such a consent is, after being granted, withdrawn, the manager may refer the matter to be determined in manner provided under the Act for settling disputes.

252. The locomotive and each of its accessories shall, so far as practicable, be so constructed of non-inflammable material that no risk of fire is created.

253. In any mine or part of a mine in which safety lamps are required to be used in accordance with regulation 72 of the Act (otherwise than in an intake airway more than two hundred yards from the face) any locomotive shall, in so far as concerns the matters aforesaid, and the construction of the locomotive to prevent the ignition of inflammable gas present in the air, be of a type approved by the Minister.

254. Every locomotive used in any mine shall be provided with—

- (a) a braking system which can, whether or not any other device for applying the brakes is fitted, be applied by direct mechanical action;
- (b) means for applying dry sand to the rails;
- (c) unless the locomotive cannot develop more than twenty-five horse power and cannot on a level road exceed a speed of eight miles per hour, or was in use before the date of the coming into operation of these regulations and cannot reasonably be so provided, a combined speed and mileage indicator so placed as to be readily seen by the driver;
- (d) a headlight capable of showing any obstruction in the road ahead within 200ft. of the locomotive;

- (e) Provided that where any locomotive in use at the date aforesaid had before that date been equipped with a head-light, that locomotive may with the consent of the Departmental Inspector be used as so equipped;
- (e) an adequate warning signal;
- (f) a suitable portable fire extinguisher;
- (g) a seat for the driver; and such an arrangement of the control that the driver can see ahead **without leaning** out of the locomotive;
- (h) a portable lamp for use in emergency.

255. The manager shall—

- (a) not allow any locomotive to be used where a gradient exceeds 1 in 15, except with the approval of the Minister;
- (b) determine in respect of each road the maximum load to be hauled by any locomotive and the maximum speed of any train; and cause notices specifying the same to be posted at appropriate places;
- (c) cause warning notices drawing attention to any necessary precautions to be posted in the roads at appropriate places; and
- (d) give to each driver instructions in writing with respect to loads, speed and all precautions necessary for safe running.

256 (1). The provisions of this regulation shall apply to any road in which a locomotive is used, so however that the Departmental Inspector may grant exemption from any of them where compliance is not reasonably practicable or not requisite for safety.

(2) The track shall be ballasted and drained where necessary.

(3) The weight of rail per yard of rail shall not be less—

- (a) if the road is used only for the carriage or haulage of stores or supplies for the working of the mine and no locomotive therein exceeds ten tons in weight, than twenty-eight pounds;
- (b) in any other case, five pounds with an addition of five pounds for each ton of weight on one pair of wheels.

(4) Every track shall be so constructed that—

- (a) the distance between the centres of adjacent sleepers does not exceed two feet nine inches;
- (b) rail joints shall be welded or secured by suitable fish-plates having at least two bolts.

(5) Curves shall be of such radius as is safe; and either or both of the following precautions shall where necessary be taken, that is to say, raising of the outer rail and provision of a check rail.

(6) No locomotive, except with the approval of the Minister, shall be used in any road where there are not, after allowing for swing of the locomotive and trucks, clear spaces not less in extent than the following, that is to say—

- (a) on that side of the track on which refuge holes are provided, two feet;
- (b) on the side of the track opposite to the refuge holes—
  - (i) where there are not more than two tracks, one foot;
  - (ii) in any other case, two feet;
- (c) between any two adjacent tracks (if there are more tracks than one) so much as to afford a clearance of at least one foot between any locomotive or truck on one and any locomotive or truck on the other of them.

257 (1). Each haulage road in which any locomotive is used in any mine shall be placed in the charge of a competent person appointed in writing by the manager.

(2) Once at least in every working day each such road shall be inspected by, or under the supervision of, the person aforesaid with particular regard to—

- (a) clearance and freedom from obstructions;
- (b) the state of the track;
- (c) the state of the roof and sides;
- (d) ventilation and absence of inflammable gas;
- (e) coal dust;
- (f) general safety.

258 (1). Once at least in every working day each locomotive in any mine shall be examined by a competent person appointed in writing by the manager.

(2). Once at least in every working week each such locomotive shall be examined by an electrician and mechanic, appointed in writing by the manager, who shall ensure that—

- (a) every part requiring to be cleaned is properly cleaned;
- (b) the locomotive is in all respects in proper working order.

259 (1). Once at least in every working week the braking system of each locomotive in any mine shall be examined and tested by a competent person appointed in writing by the manager, and the said test shall include applications of the brakes—

- (a) when the locomotive is moving, by direct mechanical action and by each other means provided; and
- (b) when the locomotive is at rest with the engine stopped, by any means provided other than direct mechanical action and for a period of at least ten minutes.

(2). Immediately after any repairs or adjustment to the braking system of any locomotive, an examination and test shall be made as provided in the foregoing paragraph.

260. Any person making any inspection, examination or test in pursuance of regulations 257, 258 and 259 shall forthwith record particulars thereof in a book to be kept at the mine for the purpose.

261. No locomotive shall be used in any mine if it has any known defect liable to affect its safe running.

262. No locomotive shall in any mine be operated, except for repairs or tests, otherwise than by a driver appointed by the manager subject to the approval of the Departmental Inspector. Should the locomotive be used for the haulage of men then the driver shall be a competent person not less than 22 years of age and be certificated by the Manager, the Departmental Inspector and the Workmen's Inspector.

263 (1). Except during shunting operations—

- (a) no locomotive shall be used in any mine for moving any truck otherwise than by hauling from in front;
- (b) no truck containing timber or other materials exceeding in length the length of the truck shall be coupled next to the locomotive or to any truck in which any person is being conveyed.

(2). A red light visible at a distance of two hundred feet shall be attached at the rear of the last truck of each train in any mine, and at the rear of each unattached locomotive.

264. Except with the permission of the manager, no person shall be on any locomotive in any mine when it is in motion unless he is—

- (a) the driver of the locomotive; or
- (b) a person engaged in shunting operations for which the locomotive is at the time being used; or
- (c) a person appointed by the manager to accompany and have charge of a train drawn by the locomotive; or
- (d) a person engaged in maintaining or testing the locomotive.

265. The driver of a locomotive shall not leave it unattended away from the place where it is housed when not in use, unless he has ensured that it cannot be set in motion by any unauthorised person.

266. The driver of a locomotive shall not pass beyond any caution sign unless with the permission of the manager, undermanager or deputy.

267. Where the trolley wire is less than 7 feet above the top of the rails, it shall be effectively guarded where there is danger of accidental contact.

In cases where a risk of contact with a trolley wire exists, vehicles used for conveying men shall be covered.

268. No unauthorised person shall travel on foot along any road containing a trolley wire except during such periods as may be ordered by the manager.

269. No repair work of any kind shall be carried out in any part of the roadway containing a trolley wire unless such section of the trolley wire is first made dead or unless the manager has specially authorised in writing that the work be carried out while the trolley wire is live, and there is present during the whole of the time that such trolley wire is live a responsible official of the mine.

270. All reasonable precautions shall be taken to prevent the trolley wire from coming into contact with any other electrical circuit or any metal construction used in the roadway.

271. Adequate provision shall be made to effectively drain all wet or damp roadways, and any water dripping from the roof shall be conducted clear of trolley wire and track.

272. In every mine or part of a mine in which safety lamps are required to be used in accordance with Regulation 72 of these regulations, determinations shall be made, in accordance with the provisions of regulations 273, 274, 275 and 276 of the firedamp content in every road or part of a road in which any locomotive is used:

Provided that the Departmental Inspector may exempt from the requirements of this regulation any road or part of a road in which he is satisfied that the normal firedamp content is not such as to make regular determinations necessary; and

Provided also that in any main intake airway beginning at a shaft or outlet to the surface, no determination need be made at any point more than two hundred yards from any face.

273. Determinations shall be made by a competent person appointed in writing by the manager who shall—

- (a) use apparatus of an approved type; or
- (b) take samples of air, which shall be forwarded forthwith to the Government analyst.

274. The points at which determinations are made shall be:—

- (a) at each end of each road or part of a road in which any locomotive is used;
- (b) at such other points as may be fixed by the manager, so however that the manager shall, if the Departmental Inspector so requires, vary any point so fixed or fix one or more additional points;
- (c) where any alteration in any ventilating arrangements is likely to affect substantially the quantity of air circulating in any road or part of a road in which any locomotive is used, determinations shall be made therein as soon as practicable after the said alteration.

275. Particulars of every determination made shall be recorded forthwith in a book to be kept at the mine for the purpose.

276. Where at any place a determination shows a firedamp content exceeding one and one-quarter per centum, or any indication of inflammable gas is shown in any flame safety lamp:—

- (a) the person making that determination, or the person using the lamp, as the case may be, shall immediately inform the official in charge of the district; who shall after verifying the presence of inflammable gas as aforesaid discontinue the use of every locomotive in that part of the road;
- (b) no locomotive shall after the discontinuance be used in that part of the road except by direction of the manager when the manager is satisfied that the firedamp content therein has been reduced below one and one-quarter per centum;
- (c) the manager shall as soon as practicable report the discontinuance to the Departmental Inspector.

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