

GOVT OF <sup>1</sup>[Khyber Pakhtunkhwa]  
LABOUR DEPARTMENT.

**NOTIFICATION**

13th August, 1988,

No. CIM/SE/14/71/955-63--- In Exercise of the powers conferred by clause (4) of regulation 31 the Coal Mines Regulations, 1926, the Board of Examiners is pleased to make the following rules:-

1. *Short title, Extent and Commencement.*---

- (i) These rules may be called the Conduct of Examination Rules, 1988.
- (ii) They shall come into force at once.

2. *Definitions*----

In these rules, unless there are any thing repugnant in the subject or context:--

- (a) "Appendix" means an appendix to these rules;
- (b) "Board" means the Board of Examiners constituted under the regulation;
- (c) "Chairman" means the Chairman of the Board;
- (d) "Candidate" means a candidate appearing in an examination for the grant of certificate under the regulation;
- (e) "Certificate" means a Certificate of Competency referred to in regulation 30;
- (f) "Examination" means an examination held for grant of first Class Mine Manager's Certificate of Competency, Second Class Mine Manager's Certificate of Competency, Mines Surveyor's Certificate, Mines Sirdar's Certificate, Shot Firer's Certificate, Eye-sight and Hearing Test or any other Test held in this behalf by the Board to assess the technical know-how and physical fitness of the candidate;
- (g) "Examiner" means the person (s) appointed by the Board to be the Examiner (s);
- (h) "Examination Centre (s)" means a place duly notified for the conduct of examination;
- (i) "Form" means a form appended to these rules;

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<sup>1</sup> Subs. by the Khyber Pakhtunkhwa Act No. IV of 2011.

- (j) “Invigilator (s)” means the person (s) appointed by the Chairman in the examination centre (s);
- (k) “Inspector” means the Inspector of Mines/Training Officer appointed under the Mines Act, 1923;
- (l) “Member (s)” means the member (s) of the Board of Examiners;
- (m) “Paper” means the part of subject either written or Viva-Voce and/ or practical;
- (n) “Regulation” means the Coal Mines Regulation, 1926;
- (o) “Secretary” means the Secretary of the Board of Examiners;
- (p) “Superintendent (s)” means person (s) appointed by the chairman to supervise the conduct of examination in the examination centre (s);
- (q) “Subject” means both written, Viva-Voce and Practical examination;
- (r) “Answer Book” means the paper (s) duly stamped or initialed by the Superintendent or Secretary and delivered in the examination centre to the candidate (s) to answer the question (s).

### 3. *Appointment of Local Examiner (s) and other staff---*

1. For the purpose of conducting examinations the Board shall from time to time appoint local examiners, external examiners and such other staff including Superintendents and Invigilators as it may consider necessary for an examination on such terms and conditions as it may determine.

(2) The qualifications of the local examiners and of the staff mentioned in sub-rule (1) shall be as specified in Appendix ‘A’

(3) While appointing local examiners due regard shall be given to their qualifications, experience and technical ability and their general reputation in the filed.

(4) The local examiners, Superintendents and Invigilators shall in addition to the duties assigned to them under these rules shall perform such other duties in connection with the examinations as may be assigned to them by the Chairman.

(5) No member of the Board shall be appointed as local examiner.

### 4. *Setting of Paper.---*

(1) The local examiners shall set papers for examination in their respective subject.

- (2) The local examiner while setting the paper for examination shall provide complete solutions in case of numerical question.
- (3) The papers set for First class, Second Class and Surveyor's Certificate shall be finally approved by the Board which may in its discretion change, amend or revise the papers.
- (4) The papers set for Sirdar Certificate and Shot Firers Certificates shall be prepared in consultation with the Inspector nominated by the Board to act as Internal examiner.
- (5) The examiners shall comply with all instructions issued by the Chairman in connection with the setting of papers and marking of answer sheets, dispatch of marked answer books or sheets and conduct of viva-voce examination.

5. *Eligibility for examination.---*

Any person who fulfills conditions mentioned in regulations 32 to 39 shall be eligible to appear in the examination.

6. *Submission of Applications for examination.---*

- (1) Applications for admission to an examination for First and Second Class Manager's or surveyor's Certificate shall be made in accordance with regulation 41 in Form 'A'.
- (2) Applications for other examinations may be made at any time but examination will be held when sufficient number of applications for such examination are received by the Board provided that such examination shall be conducted at least once in two years.
- (3) Every application under sub-rule (i) and (ii) shall be accompanied by original certificates of experience, attested copies of such certificates mentioned in regulations 32 and 39, character certificate and receipt treasury challan in respect of fee payable under regulation 42.
- (4) Any application submitted otherwise than in accordance with the foregoing provisions shall not be entertained.

7. *Appearance of Candidates in examination.---*

- (1) No candidate shall be allowed to appear in any examination until he has produced an authorization from the Board.
- (2) A date sheet roll number, mentioning the time and place of examination shall be supplied to each candidate by the Board at least a fort-night before the commencement of the respective examination.
- (3) Every candidate shall mark his attendance in a register produced by the Superintendent or Invigilator at the centre of the examination.

- (4) every candidate shall write his roll number, subject paper and date on the top right corner of the answer book.
- (5) The number of question shall be given in bold letter before attempting to answer any question.
- (6) All question shall be answered in ink except drawings.
- (7) All calculations and rough work pertaining to any question shall be clearly shown in the marginal portion of the answer sheet.
- (8) Answer shall be strictly confined to the question asked.
- (9) Sketches may be made to make the answer clear.
- (10) Normally sketches shall be drawn by the examiner according to specified scales unless free hand specifically asked for.
- (11) No candidates shall be allowed to keep or take arms, ammunition or any other lithal weapons alongwith him to the examination centre.

8. *Submission of photographs, etc.---*

- (1) At the time of examination of Sirdar Certificates or Shot Firer's Certificate, every candidate shall hand over to the local examiner (s) two passport size photographs duly attested by a Gazetted Officer and one of the examiners shall endorse the photographs on its back with the name of the candidate.
- (2) Before examining a candidate, the local examiner shall satisfy himself that---
  - (i) the photographs handed over by the candidate are in the likeness of the candidate;
  - (ii) the candidate has attained the age of 21 years;
  - (iii) the candidate has prescribed under-ground practical experience in a coal Mines' and
  - (iv) the power of eye-sight and hearing of the candidate are such as to enable him to make under ground inspection efficiently.
- (3) Any candidate found using unfair means in the examination hall shall be debarred from taking examination by the Board for such period as it may determine.
- (4) Any treat or pressure exercised by or on behalf of the candidate over the examiner; Superintendent, Invigilator, Secretary or Member shall be regarded as an unfair means.

(5) When the time allowed for answering the question is over the candidate shall immediately hand over his answer book to the Superintendent, Invigilator or Secretary or to any Member, as the case may be, and shall have the place of the examination immediately.

(6) Any candidate reported to have misbehaved in the examination centre (s) with any of the examiners, Superintendent, Invigilator, Secretary, Member or Chairman shall be liable to be liable to be debarred from the examination for such term as may be determined by the Board.

9. *Date and place of examination.---*

(1) The board shall from time to time hold examinations under these rules.

(2) The date, time and place of examination for first or second class managers or surveyors certificate shall be fixed by the Board and be notified in accordance with the regulations.

10. *Examination.---*

1. An examination for grant of a Certificate excluding Sirdar Certificate and Shot Firer Certificate shall be conducted partly in writing and partly oral by including Viva-Voce and paractical in English or Urdu or any reginal language approved by the Board in the subjects mentioned in Appendix-B.

(2) An examination for grant of a Sirdar Certificate and Shot Firer Certificate shall be conducted in the subjects and in the manner indicated in regulations 40 and 40-A respectively.

(3) Where a candidate has cleared the examination under sub-rule (2) he shall be granted the requisite certificate subject to his passing the tests of eye-sight and hearing of the prescribed standing.

(4) The papers for the examination shall be set subject-wise as indicated in Appendix-‘B’.

(5) The maximum marks of each paper and Viva-Voce examination and time allowed for the solution of powers shall be as indicated in Appendix-‘C’.

(6) A candidate will be required to obtain at least forty percent marks in each paper and at least Sixty percent in the aggregate.

(7) A candidate who has failed in any one paper and has secured more than forty per cent marks in all other papers shall be given two more chances to clear that paper and there after he will be required to appears in all the papers.

11. *Result---*

(1) After the examination, the result shall be compiled and published by the board in such manner as it deems fit.

(2) The result shall also be communicated by the Secretary to the individual candidates at their give addresses.

(3) For Sirdar Certificate Examination, the successful candidates shall be required to sign or affix their thumb impression on the Certificate in the presence of an Inspector of Mines/ Training Officer or the Secretary.

(4) The successful candidates shall be informed of the place, time and the officer before whom they shall sign or affix thumb impression.

12. *Syllabi---*

The Board may, from time to time, change, amend or revise the Syllabi for examinations.

MUMTAZ KHAN KHALIL,  
Chief Inspector of Mines/  
Chairman, Board of examiners,  
<sup>2</sup>[Khyber Pakhtunkhwa]

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<sup>2</sup> Subs. by the Khyber Pakhtunkhwa Act No. IV of 2011.

Appendix---A.

[See Rule 3(2)].

A--- QUALIFICATION OF LOCAL EXAMINERS FOR FIRST AND SECOND CLASS  
MANAGER'S CERTIFICATE EXAMINATION.

A first Class Mine Manager's Certificate of Competency and or such other post-graduate qualification in the relevant field from a recognized University.

B--- QUALIFICATIONS OF LOCAL EXAMINERS FOR THE SURVEYOR'S  
CERTIFICATE EXAMINATION.

A Survey Competency Certificate and or a Degree in Engineering and experience in Mines Surveying.

C--- QUALIFICATIONS FOR EXTERNAL EXAMINER FOR SIRDAR AND SHOT  
FIRER'S EXAMINATION.---

First or Second Class Manger's Competency Certificate.

**APPENDIX-B.**

[See rule 10 (1) and (4)]

**SUBJECT FOR FIRST CLASS CERTIFICATE OF COMPETENCY TO MANAGE A MINE (MANAGER'S CERTIFICATE).****MINING LAWS:**

The Mines Act, 1923 and Regulations, Rules framed thereunder. The Electricity Rules so far as they are applicable to Coal Mines.

**MINE MANAGEMENT AND ECONOMICS.—**

As per syllabus prescribed by the Board.

**MINE SAFETY.**

- (i) Ventilation explosive;
- (ii) Underground fires and inundation;
- (iii) Natural Ventilations;
- (iv) Fans and other means of Ventilation;
- (v) Distribution, measurement and control of air in Mines;
- (vi) Mines gases;
- (vii) Construction and testing of safety;
- (viii) Spontaneous heating;
- (ix) Coal dust;
- (x) Rescue of personnels and recovery of Mines after explosion fire inundation;
- (xi) Making enquiry into accidents and writing reports of such enquiry.

**ADVANCE MINING TECHNOLOGY.—**

- (a) As per syllabus prescribed by the Board.

*Note-1.*—A Candidate who possess post-graduate degree in Mining Engineering from a recognized University shall be exempt from appearing the subjects of Mine Managements, Economics and Advance Mining Technology.

*Note-2.*—If a candidate proves to the satisfaction of the Board that he has passed any of the above subjects, the Board may exempt him from appearing in that subject.

- (b) Subject for Second Class Certificate of Competency to manage a mine, Manager's Certificate.

**VENTILATION EXPLOSION AND UNDER-GROUND FIRES.—**

- (i) Natural ventilation;
- (ii) Fans and other means of ventilation;
- (iii) Distributions, measurement and control of fires in mines;
- (iv) Mines gases, construction, use and testing of safety lamps;
- (v) Heating;
- (vi) Spontaneous;
- (vii) Coal dust;
- (viii) Recovery of mines after explosion, fires and inundation;



**MINE MACHINERY.—**

- (i) Strength of materials and steam;
- (ii) Compressed air electricity;
- (iii) Winding hauling, pumping, transmission of power;
- (iv) Mechanical Coal cutting and drilling machines;
- (v) Advancement in the field of Mine Machinery.

**SURVEY LEVELLING AND MANSURATION:**

- (i) Magnatic declination, loose and fast needle;
- (ii) Surveying, handling and use of the head dolite; control-lines;
- (iii) Levelling calculation;
- (iv) Triangulation, connection of surface and underground surveys;
- (v) Mines plans and instrument;

*Note 1.*—A candidate who possess a degree or any equivalent qualification in Mining Engineering from recognized University or Institution shall be exempt from appearing the aforesaid subject.

*Note 2.*—A candidate proves to the satisfaction of the Board that he has passed any of the subject as part of curriculum of degree course the Board may exempt him from appearing in that subject.

**MINING AND LABOUR LAWS:—**

- (i) The Mines Act, 1923, Rules and Regulation made there under;
- (ii) The Electricity Rules so far as applicable to the mines.
- (iii) The Workmen's Compensation Act, 1923.
- (iv) The Payment of Wages Act.
- (v) The Explosives Act, under rules and regulations made thereunder as far as applicable to the mines.

**GEOLOGY AND MINE:—****C) Subject for the Certificate of Competency to survey the working of a mine.—**

- (i) The the odolite and its use;
- (ii) Connection of surface and underground surveys;
- (iii) Triangulation;
- (iv) Plotting by the protractor and by co-ordination;
- (v) The preparation and use of Mines plans and sections;
- (vi) The use care and testing of instruments relating to;
- (vii) The construction of scales and drawing;
- (viii) Plain table surveying Technology.—
  - (a) Magnetic declination and determination of its accounts;
  - (b) The use of the Chains;
  - (c) The mines dials, loose and fast needle surveying;
  - (d) Calculation of area and volumes;
  - (e) Levelling instruments control lines and levelling.

**APPENDIX--C**

[See rules 10 (5)].

**PAPER FOR FIRST CLASS CERTIFICATES OF COMPETENCY****MARKS**

	Time Allowed	Written	Viva-Voce	Total
a. Mining Legislation	3 hours	75	25	100
b. Mine Management and Economics.	3 hours	75	25	100
c. Mine Safety	3 hours	75	25	100
d. Advance Mining Technology	3 hours	75	25	100
Total.		300	100	400

**PAPER FOR SECOND CLASS CERTIFICATE OF COMPETENCY****MARKS**

	Time allowed	Written	Oral	Total
a. Geology and Mining	3 hours	75	25	100
b. Ventilation Explosion fires and inundation	3 hours	75	25	100
c. Surveying, levelling and Mensuration	3 hours	75	25	100
d. Mine Machinery	3 hours	75	25	100
e. Mining and Labour Laws	3 hours	75	25	100
Total		375	125	500

**PAPERS FOR SURVEYOR'S CERTIFICATE  
MARKS**

	Time Allowed	Written	Viva-Voce	Practical	Total
Surveying	3 hours	75	15	10	100
Levelling and Mensuration	3 hours	75	15	10	100
<b>Total</b>		<b>150</b>	<b>30</b>	<b>20</b>	<b>200</b>

**PAPERS FOR UNDERGROUND SIRDAR'S AND SHOT FIRER'S EXAMINATION**

Under ground Sirdar Examination	Max Marks.	Shot Fires subject	Max Marks
Timbering.	20	(a) The Charging and firing of shots of gun power and high explosives;	40
Method of Examination of roof and sides of working places and travelling roads.	20		
Shot firing the charging and firing of shots of gun power and high explosives.	20	(b) The provision of the regulations, rules and bye-laws under the Act, relating to the handling and use of explosives, and	30
The provision of Regulations, Rules, made by laws, framed under Mines Act, relating to the safety persons employed in mines.	40	(c) The examination of a working place after shot firing	30
<b>Total.</b>	<b>100</b>		<b>100</b>

*Note:*—Time allowed to each candidate in case of oral examination shall be according to the availability to time in day for group of candidate specified by the Chairman.

**FORM—A**  
**(Application Form)**  
**[See rule 6 (1)].**

Name of Examination \_\_\_\_\_

Name of applicant \_\_\_\_\_

Father's Name \_\_\_\_\_

Date of Birth \_\_\_\_\_

Domicile \_\_\_\_\_ District \_\_\_\_\_

Province \_\_\_\_\_

Postal Address \_\_\_\_\_

Language \_\_\_\_\_

Academic Qualification

a.

b.

c.

d.

Practical Experience

a.

b.

c.

Present employment \_\_\_\_\_

Name \_\_\_\_\_

Signature \_\_\_\_\_

Address \_\_\_\_\_

Date \_\_\_\_\_