

MLGS

Q. 1. What do you mean by Mines Act?

Ans: Mines Act-1952 explains what should be there in a Mine. It contains provisions for measures relating to the health, safety and welfare of workers in the Coal, Metalliferous and Oil mines.

Q.2. What do you mean by Mines Rules?

Ans.: Mines Rules-1955 explains about the quantity or no. of items, personnel required for particular facility with respect to safety, health and welfare amenities of mine employees. In exercise of the powers conferred by Section 58 of the Mines Act, 1952 (35 of 1952), the Central Government makes the rules, called the Mines Rules, 1955, except as otherwise expressly provided, shall apply to every mine of whatever description to which the Act applies.

Q. 3. What do you mean by Mines Regulations?

Ans.: How one should work or how a job in a Mine is done (SOP); has been narrated in Regulations (CMR & MMR).

Q. 4. What is a Circular?

Ans.: In case of any mishap or accident, or failure of any safety system or materials, whatever amendments is made at DGMS Office, is communicated to the Owner, Agent & Manager of concerned type of Mines (Coal, Non-Coal & Oil) of India, known as a Circular.

Q. 5. What do you mean by bye-law?

Ans.: Bye-laws are made for a particular Mine, which needs to be approved by the Concerned Regional Inspector (DMS) and Chief Inspector (DGMS) for execution and implementation.

Q.6. Define 'Agent'?

Q.7. Define 'Manager'?

Ans.: As per Sub-Reg. (16) under Reg.(2) of MMR-1961; "Manager" means a person possessing the prescribed qualifications and appointed in writing by the owner or agent to be in-charge of a mine under the Act, and includes a Mine Superintendent if appointed under Section 17 of the Act

Q. 8. Define Asstt. Manager?

Ans.: As per Sub-Reg. (3) under Reg.(2) of MMR-1961; "Assistant Manager" means a person possessing a Manager's Certificate, appointed in writing by the owner, agent or manager to assist the manager in the control, management and direction of the mine or part thereof, and who takes rank immediately below the manager.

Q.09. Define 'Mine Foreman'?

Ans.: As per Sub. Reg. (19) under Reg.(2) of MMR-1961, "mine foreman" means a person possessing a Manager's or Foreman's Certificate and appointed by the manager in writing, under the designation whatsoever, to perform the duties of supervision or control in a mine or part thereof and includes a Shift Boss.

Q. 10. Define 'Mining Mate'?

Ans.: As per Sub-Reg. (20) under Reg.(2) of MMR-2019; “mining mate” means a person possessing a Manager’s, Foreman’s or Mate’s Certificate and appointed by the Manager in writing, under any designation whatsoever, to perform the duties of a mining mate under these regulations, and includes an Overseer or Head Mistri.

Q.11. What do you mean by ‘Official’?

Ans.: As per Sub-Reg. (23) under Reg.(2) of MMR-2019; “Official” means a person appointed in writing by the owner, agent or manager to perform duties of supervision in a mine or part thereof and includes an assistant manager, an underground manager, a mine foreman, a mining mate, an engineer and a surveyor.

Q.12. What is difference between ‘Bellman’ and ‘Banksman’?

Ans.: As per Sub-Reg. (5) under Reg.(2) of MMR-2019; “banks man” means a person appointed to superintend the lowering and raising of persons, tools and materials and the transmission of signals at the top of a shaft or winze; whereas , “bellman” as per Sub-Reg (7) of MMR-2019, means a person appointed to superintend the raising and lowering of persons, tools, materials and the transmission of signals at any landing.

Q.13. Define ‘Competent person’?

Ans.: As per Sub-Reg.(9) under Reg.(2) of MMR-2019; “competent person” in relation to any work or any machinery, plant or equipment means a person who has attained the age of 20 years and who has been duly appointed in writing by the manager as a person competent to supervise or perform that work or to supervise the operation of that machinery, plant or equipment, and who is responsible for the duties assigned to him, and includes a blaster.

Q.14. Differentiate ‘Socket’ & ‘Misfire’?

Ans.: As per Sub-Reg.(21) under Reg.(2) of MMR-1961; “misfire” means the failure to explode of an entire charge of explosives in a shot-hole; whereas “socket” as per Sub-Reg.(34) under Reg.(2) of MMR-1961 means a shot-hole or part of a shot-hole remaining after being charged with explosive and blasted, and which is not known to be a misfired shot hole.

Q. 15. Define ‘Metalliferous Mine’?

Ans.: As per Sub-Reg. (18) under Reg.(2) of MMR-1961; “Metalliferous mine” includes every mine other than a coal or an oil mine;

Q. 16. What do you mean by ‘month’?

Ans.: As per Sub-Reg.(22) under Reg.(2) of MMR-1961; “month” means a calendar month;

Q.17. What is ‘Permitted explosive’?

Ans: As per Sub-regulation(24) under Reg.2 of MMR-1961,; “Permitted explosive” means an explosive manufactured by such firm and of such type, as the Chief Inspector may from time to time, specify by notification in the Official Gazette.

Q. 18. What is ‘river’?

Ans: As per Sub-Regulation29, under Reg.2 of MMR-1961, ‘River’ means any stream or current of water, whether seasonal or perennial, and includes its banks extending upto the highest known flood level.

Q. 19. What do you mean by ‘Ventilation district’?

Ans: As per Sub-Regulation38, under Reg.2 of MMR-1961, ‘Ventilation district’ means such part of a mine belowground as has an independent intake airway commencing from a main

intake airway and an independent return airway terminating at a main airway and in the case of a mine or part thereof which is ventilated by natural means, the whole mine or part.

Q.20. What is 'Working place'?

Ans: As per Sub-Regulation 40, under Reg.2 of MMR-1961, 'working place' means any place in a mine to which any person has lawful access.

Q. 21. What should be the age of an individual to be authorised as a 'Competent person'?

Ans.: As per Sub-Regulation 9, under Reg.2 of MMR-1961, 'Competent person' relation to any work or any machinery, plant or equipment means a person who has attained the age of 20 years and who has been duly appointed in writing by the manager as a person competent to supervise or perform that work or to supervise the operation of that machinery, plant or equipment, and who is responsible for the duties assigned to him, and includes a blaster.

Q.22. Differentiate between 'Abandoned Mine Methane' & 'Coal Mine methane'?

Ans: As per Sub-Regulation (K), under Reg.2 of CMR-2017, "Coal Mine Methane (CMM)" means a natural gas recovered from a coal mine or part thereof; whereas "Abandoned Mine Methane (AMM)"; as per Sub-Reg.(b) under Reg.2 of CMR-2017 means a natural gas recovered from abandoned coal mines or part thereof.

Q.23. What do you mean by a "fiery seam"?

Ans: As per Sub-Regulation (v), under Reg.2 of CMR-2017, "fiery seam" means a seam in which a fire or spontaneous heating exists in the working belowground or in open cast workings lying within the precincts of a mine;

Q.24. Define 'Ordinarily employed'?

Ans.: As per Sub-Rule (j), under Rule.2 of Mines Rules-1955, ' Ordinarily employed' with reference to any mine or part thereof, means the average number of persons employed per day in the mine or part of mine during the preceding calendar year, obtained by dividing the number of mandays worked by number of working days excluding rest days and other non-working days.

Q.25. What do you mean by disused working?

Ans: As per Sub-Regulation (s), under Reg.2 of CMR-2017, "disused working" means such working in a mine where work has been temporarily stopped, but which are accessible and include unused working.

Q.26. Define 'Certifying Surgeon'?

Ans. Certifying Surgeon means a qualified medical practitioner, who possesses prescribed medical qualification as defined in clause (h) of Section 2 of the Indian Medical Council Act-1959 and who is enrolled on a State Medical Register, as defined in clause (k) of that Section.

Q.27. What do you mean by 'Mines Vocational Training'?

Ans.: Any person employed in a mine has to be imparted Initial Training before sending the person to mine for employment and after pre-employment training, which is termed as Initial Training, after which, the person will be imparted 'Refresher or Special Training' periodically as per Mines Vocational Training Rules-1966, amended 1999.

Q. 28 What are the types of training imparted in Mines?

Ans: Various sorts of training are imparted at Vocational Training Centres, in mines , but mainly categorised in three groups, such as :

- a) Initial Training for new entrants
- b) Refresher Training for persons already employed in mines and
- c) Special Training for special group of employees.

Besides the above three, Re-Orientation Training for accident victims on the day of his return to the workplace.

The other trainings imparted are as follows:

- i) Development Training for Subordinate Supervisory Officials and above
- ii) Need based training for the employees as per the recommendations made by concerned Official
- iii) Preparatory Training for appearing at different Competency Exam. conducted by regulatory authorities

Q.29. What is SETT? How it works? What is its objective?

Ans.: The PESO has implemented the System for Explosives Tracking and Tracing (“SETT”) with an objective to develop system for effective tracking of every explosive right from the Manufacturer to the user end, throughout the supply chain and integrating SETT to the Explosives Return System (ERS) and the Explosives Licensing Module of PESO.

A core committee has been constituted comprising the members from PESO and Explosives Industry to work on the process of standardization of the data on each and every explosive manufacturer in the country and SETT implementation methodology in a time bound manner. This Standardisation Software Module has been developed for the:

1. Standardization of all physical pertaining to every authorized explosive,
2. Standardization of packing patterns of every explosive,
3. Standardization of every factory location and every manufacturing building.