



MINE LEGISLATION & IT'S FORMATION HISTORY

www.MINEPORTAL.in

ONLINE TEST SERIES FOR DGMS COAL/METAL
FIRST SECOND CLASS EXAM

GATE MINING TEST SERIES

FREE STUDY MATERIAL

INTRODUCTION

The first recorded history of mining in India dates back to 1774 when English Company was granted permission by the East India Company for mining coal in Raniganj. Coal mining got a boost in 1855 when railway line was laid from Howrah to Raniganj. M/s John Taylor & Sons Ltd. started gold mining in Kolar Gold Fields in the year 1880. The first oil well was drilled in Digboi in the year 1866 - just seven years after the first ever oil well was drilled anywhere in the world viz. in Pennsylvania State, USA in 1859.

DGMS COAL 2016 EXAM

IN WHICH OF THE FOLLOWING STATE MINES ACT 1952 IS NOT APPLICABLE ?

- MIZORAM
- ARUNACHAL PRADESH
- SIKKIM
- JAMMU & KASHMIR

Mine Safety Legislation - FORMATION

- In 1895, the Government of India initiated steps to frame legislative measures for safety of workmen.
- In 1897 first major disaster in mining hit the Kolar Goldfields killing 52 persons, to be soon followed by the Khost Coal Mine disaster in Baluchistan (now in Pakistan) killing 47 persons.
- The disaster hastened the process of formulation of safety laws and the first Mines Act was enacted in 1901
- With further experience, this Act was superseded by the Indian Mines Act, 1923, which was again replaced by the present Mines Act, 1952.
- The Mines Act, 1952 applies to mines of all minerals within the country except the State of Sikkim, including the offshore mines within the limits of territorial water

Mine Safety Legislation – FORMATION OF DGMS

- For administering the provisions of the Indian Mines Act, 1901, the Government of India set up a "Bureau of Mines Inspection" on the 7th January 1902 with headquarters at Calcutta. The name of the organisation was changed to Department of Mines in 1904 and its headquarters shifted to Dhanbad in 1908.
- On 1.1.1960, the organisation was renamed as "Office of the Chief Inspector of Mines". Since 1.5.1967, the office has been re-designated as Directorate-General of Mines Safety (DGMS in short).

Mine Safety Legislation –Recent Development

- In view of recent development in the mining industry various amendments in Mines Act, 1952, Coal Mines Regulations, 1957, Metalliferous Mines Regulations, 1961 and Oil Mines Regulations, 1984 are under process.
- It has also been proposed to extend the jurisdiction of the enforcement of the Mines Act upto 200 nautical miles of territorial water in the sea by which offshore oil mines will also come under its purview

Current functions of DGMS

- Current functions of DGMS broadly include:
 1. Inspection of mines
 2. Investigation into -
 - (a) accidents
 - (b) dangerous occurrences - emergency response
 - (c) complaints & other matters
 3. (a) Grant of :
 - (i) statutory permission, exemptions & relaxations
 - (ii) approval of mine safety equipment, material & appliances
 - (b) Interactions for development of safety equipment, material and safe work practices through workshop etc.
 - (c) Development of Safety Legislation & Standards
 - (d) Safety Information Dissemination



4. Conduct of examinations for grant of competency certificates.

5. Safety promotional initiatives including :

(a) Organisation of -

- Conference on Safety in Mines
- National Safety Awards
- Safety Weeks & Campaigns

(b) Promoting - safety education and awareness programmes workers' participation in safety management through -

- workmen's inspector
- safety committee
- tripartite reviews

Measures to improve safety in mines

- **Legislative Measures**-Detailed precautions have been laid down in the Mines Act and the Rules and Regulations framed thereunder to guard against dangers in mines and it is the responsibility of the mine management to comply with the same .
- The DGMS has the responsibility to see that the safety law is kept updated to absorb the technical advancements as well as to make the same comprehensive, practicable and legally sound and also to carry out periodic inspection of mines to oversee compliance of safety laws. The Mines Act and the subordinate legislations framed thereunder is periodically updated for the purpose.
- **Inspection & Enquiries**
- **Permission, Exemptions and Relaxations**

Measures to improve safety in mines

- **Approval and Testing**
- **Promotional initiatives- By organising Conference on safety in mines. National Safety Awards (Mines), Vocational Training and Other Training, Observance of Safety Week, Safety Campaign etc. Holding Rescue Competitions etc.**
- **Promoting Self-regulation by management**
- Most of the mining companies in the organised sector have enunciated company's safety policy and set up Internal Safety Organisation (ISO) for monitoring, advising on and aiding in the implementation of safety measures in mines as per Company's policies and guidelines in keeping with the statutory provisions. ISOs are headed by a senior officer of the Executive Director/Chief General Manager level in the coal companies and are multi-disciplinary in character.

Type of Circular

- Through circulars DGMS issue guidelines for safer operations in identified thrust areas
- DGMS (Technical) Circulars-Technical Circulars are for guidance to the mining industry to prevent recurrence of accident.
- DGMS(Legislation)Circulars- Regarding legislations like CMR/MMR and other rules etc
- DGMS (Approval) Circulars- Regarding approval of any equipment to be used in mines
- DGMS (General) Circulars- Regarding General mining activities, instructions etc
- DGMS (Exam) Circulars- Regarding various exam conducted by DGMS
- DGMS Instructions- Issue of technical instructions to DGMS officers for their guidance.

SAFETY, HEALTH & WELFARE LEGISLATION FOR MINES ADMINISTERED BY DGMS

- MINES ACT, 1952
- Coal Mines Regulations, 1957
- Metalliferous Mines Regulations, 1961
- Oil Mines Regulations, 1984
- Mines Rules, 1955
- Mines Vocational Training Rules, 1966
- Mines Rescue Rules, 1985
- Mines Creche Rules, 1966
- Coal Mines Pit Head Bath Rules, 1959
- ELECTRICITY ACT, 2003
- CEA2010
- ALLIED LEGISLATION
- Factories Act, 1948 : Chapter III & IV
- Manufacture, Storage & Import of Hazardous Chemicals Rules, 1989 – under Environmental Protection Act, 1986
- Land Acquisition (Mines) Act, 1885
- The Coal Mines (Conservation & Development) Act, 1974