In spite of following all the precautionary measures and following all safety rules, regulations and procedures, in mining accidents cannot be ruled out completely. The applicant will formulate a Disaster Management Plan with the approval of DGMS. Following are the accidents which can take place in mechanised opencast mining and measures proposed to be taken.

- Fall of human beings or fall of machines from benches/ dumps/haul roads.
- Due to drilling / blasting and handling of explosives.
- Fire & Explosion in machinery
- Emergency situation due to social reason such as public unrest, terrorism etc.

**Preventive Measures:**

- Creating berm on the side of benches./ haul roads of height greater than or equal to ½ tyre radius. Minimum height of berm shall be 1.2 m and slope 45°. Minimum clearance of 1.5 m will be maintained between outer tyre and berm.

- All provisions of MMR 1961, conditions imposed in permission for Deep hole drilling and blasting and use of HEMM, and conditions of explosive license will be followed.

- Fire fighting equipment in the machinery/ workshop/ office will be maintained. Persons will be trained in the use of fire fighting equipment and mock rehearsal will be conducted.

- Training of security personnel.

- Procedures as laid down in Disaster Management Plan to be followed.

**Training:**

Persons will be trained in the following:

- Knowledge of Chemicals and use of protective equipment.
- Procedures for reporting emergencies.
- Location and use of fire fighting equipment
- Knowledge of alarm system and siren
- Evacuation procedures.
- Training in first aid as per Mines Rules 1955

**Emergency Equipment & Facilities:**

- Mobiles.
- Fire fighting equipments
- Emergency medical supplies
- Other protective equipment’s i.e. goggles, helmet, face shield, hand gloves, safety belts, barricade tape.

First Aid station as per the provisions of Mines Rules 1955.