

## RISK ASSESSMENT

### **Occupational Health Environment**

For the safety of workers at site, dust mask will be provided. Dust mask prevents the inhalation of suspended particulate matter thereby reducing the risk of lung disease and other respiratory disorders. Also, safety goggles, safety shoes and helmet shall be provided to the workers.

To protect the workers from high sound level during operational phase (eg. operation of D.G) the following measures will be adopted.

- Provision of protective ear muffs/ear plugs to the workers who cannot be isolated from the source of high intensity noise.
- Confining the noise by isolating the source of noise by acoustic measures.
- Reducing the exposure time of workers to higher noise levels by rotation of duties.

Staff training will be imparted to ensure that employees receive appropriate environmental awareness training. This is achieved through a variety of methods including induction training, formal presentations, and meetings. It involves awareness procedure mentioned below:

Specifically, requires that employees, contractors and visitors are aware of:

- Their roles and responsibilities (including environmental incident reporting)
- The environmental impacts {potential or actual) of their activities on site.
- Natural hazards such as poisonous and venomous animals
- The potential consequences of poor environmental performance; and
- Site emergency procedures.

We shall provide following to fight the fire:

1. Co2 Fire extinguisher near main panel and Electrical Panel of each building.
2. ABC type Fire extinguishers at each floor level of all the buildings.
3. Alarm shall be provided in the security to alert all the occupants in case of fire.

## OTHER DETAILS

- Evacuation drill will be conducted & evacuation time will be determined.
- Drill will be conducted once in six months so that evacuation time will be reduced to at least 2.5 min as specified in NBC.
- The building shall be of type 1 & hence evacuation time shall be considered as 2.5 min.
- Assembly point shall be earmarked.

### Signages:-

- Exit signage shall be provided near fire staircase so that occupants can follow right path to exit the building in case of emergency.
- Signages shall be provided as per the attached Annexure - B

## Floods

Safety Control Team shall be formed comprising of General Manager, Safety officer and Chief engineer which shall be responsible for implementation of management plan in case of disaster such as floods and other precautionary hazards during operation phase.

### Responsibilities

