

Project Hazard Assessment Form

Name of Work: Earth capping over ash pond-A at ITPS

Hazard	Describe the Specific Hazard Present	OPGC's Actions to Control the Hazard	Contractor's Actions to Control the Hazard
Hitting of excavator	Hitting of excavator to the workers deployed for loading of ash or vehicles in the swing area of the excavator	Ensure presence of skilled supervisor before execution of work. Instruction to the contractor to keep the crew members away from the swing area of the excavator.	Deployment of skilled supervisors and operators for the work. Crew members must not be allowed within the swing area of the excavator.
Exposure to dust	Exposure to dust during movement of vehicles and machineries as well as ash blowing from the loading and unloading area.	Ensuring sprinkling of water in the embankment top road and in the loading and unloading area.	Sprinkling of water by deploying water tanker in the loading area and in the embankment top road. Dust mask is to be used by all the workers.
Road accident	Collide between two vehicles or more, run-over vehicle or person in the in between road	Monitoring the action taken by the contractor	All vehicle must have valid documents like RC book, Insurance, Fitness, PUC, the driver must have valid driving licence, and must not drive in alcoholic condition, speed of the vehicle must be limited to 10 KMPH. Vehicle checklist to be regulated in daily basis as per the rules and regulations of OPGC.
Slipping / over topping of vehicle during transportation of ash / earth	Slipping / over topping of vehicle during transportation of ash in the narrow dykes of ash pond.	Guard posts are provided along both the edges of dyke.	Vehicle speed must be limited to 10 KMPH. Regular maintenance of road needs to be done as per requirement.
Falling of vehicle / manpower from the slope of ash dyke.	Falling of vehicle / manpower from the slope of ash dyke.	Guard posts are provided along both the edges of dyke.	Vehicle movement to be done along middle of the road avoiding both the edges of the dyke. Persons deployed must keep themselves away from the edges of the dyke.
Exposure to noise – Hearing impaired	Exposure to noise during running of vehicles.		All the workers are to keep themselves away from the operating equipments. Operators are to equipped with sound protector in case the noise level is more than 85 db.

Hitting of vehicle	Hitting/ striking of vehicle with manpower deployed at site or any other along the route	Monitoring the action taken by the contractor	All vehicle must have valid documents like RC book, Insurance, Fitness, PUC, the driver must have valid driving licence, and must not drive in alcoholic condition, speed of the vehicle must be limited to 10 KMPH. Vehicle checklist to be regulated in daily basis as per the rules and regulations of OPGC.
Illumination arrangement at loading site			
Illumination arrangement at unloading site			
Sliding of ash at loading location inside ash pond	Sliding of excavator / hyva / workers inside the loose filled ash due to sliding of ash.	Monitoring the action taken by the contractor	Excavator to be kept firm in the haul road inside ash pond. Excavator must not be kept / operated in the ash filled area, it must be in the earth capped haul road only. Vehicles are to be kept in the haul road only. Supervisor must keep a guiding watch on the position of excavator and vehicle by keeping himself away from the excavator and vehicle.
Fire hazard	Fire hazard in the vehicle / equipments / in the work place	Monitoring the action taken by the contractor	Fire extinguishers are to be kept in each vehicle, Drivers cabin must be clear from flammable materials.
Snake bite	Snake bite by poisonous snake at work site	Monitoring the action taken by the contractor	Work site to be kept clean from bushes and debris, snake repellent to be used at site.
Slipping / over topping of roller	Sliding, hitting of roller at unloading site	Monitoring the action taken by the contractor	No person should be allowed in the direction of movement of roller. Back horn back light of roller must be ensured.
Hitting and run over of dozer	Hitting and run over of dozer	Monitoring the action taken by the contractor	No person should be allowed in the direction of movement of dozer. Back horn back light of dozer must be ensured.