

Format No: ER 5/10- F2, JOB SAFETY ANALYSIS (JSA), IB THERMAL POWER STATION, OPGC							
Serial No.	Department	Equipment	Location	Job description:			
				Approach Road To Ash Disposal Line at ITPS			
JSA performed by:	Signature	Reviewed & Approved by	Signature	Date of Issue	Date of revision		Revision No-
HAZARD TEXT/TYPE (For reference to identify the Hazard type)							
PHYSICAL HAZARDS	PHYSICAL HAZARDS	PHYSICAL HAZARDS	ELECTRICAL HAZARDS	CHEMICAL/ GAS HAZARDS	EXCAVATION	OTHERS	
Noise	Fall from height	Force (Push/Pull)	Shock/ Electrocuton	Flammable/ Explosive substances	Collapse/Sliding	Fire	
Radiation	Fall (Slip/Trip)	Caught in/on or between	Static electricity	Inhalation of toxic fumes	Underground live cable damage	Heavy Wind/Rain	
Confined space	Fall down/below	Struck by/against	Arcflash/ blast	Ingestion/Abso rption	ERGONOMICS	Dust exposure	
Exposure to pressurised Steam/Air	Fall of Objects from height	Extreme weather (Hot/Cold)	BIOLOGICAL HAZARDS	Body/Eye Contact	Poor Posture	Oil spill	
Contact with Hot surface	Contact with moving parts	Poor illumination	Snake/Insect bite/Virus infection	Spillage	Repeatative motion	Human factor	
PPEs to be used	Safety helmet, shoe, hand gloves, earplug, dustmask, googles.						
Tools required	Phowrah, belcha, mixture machine etc						
Important Note- While deciding hazard control measures, consider hierarchy of hazard control steps in order of preference.							
SEQUENCE OF BASIC STEPS	SAFETY, HEALTH & ENVIROMENT HAZARDS	SAFE JOB STEPS / HAZARD CONTROL MEASURES				Are control Measures adequate to mitigate the risk (Yes/No)	
		Elimination/ Substitution	Engineering	Administrative	PPE		
1) Spreading/leveling of Materials using by machine.	1) Contact with moving equipments.	na	Keep distance from the movable/swing area of the machine.	Barricade the movable shaft of machine. Keep distance. Loose clothes should no be wear near by.	na	Yes	
2) Unloading of WBM on the road section.	1) Traffic hazard.	na	na	Barricade the working area. Diversion of road section may be provided. Clear signage board to be made.		Yes	
	2) Hand/leg irritation.	na	na	na	Use rubber hand gloves and gum boot.	Yes	
	3) Exposure to dust.	na	na	na	Use safety googles and nose mask.	Yes	
	4) Struck by against	na	Work carefully.	na	na	Yes	
Emergency Safety Measures (Rescue/Fire Brigade etc):			Emergency Contacts-Main Control Room- 222, 233,244, Fire- 777, 222257, Ambulance-248/337, Hospital-666				
Overall Job Risk Category- (High/Medium/Low) :	Medium						
JSA Review during PJB:							
Pre Job Briefing (PJB) is applicable to all persons involved with the task.							
Pre Job Briefing (PJB) Acknowledgement: I undertake that the JSA is communicated to me effectively							
Name	Agency's name			Signature			