

Format No: ER 5/10– F2, JOB SAFETY ANALYSIS (JSA), IB THERMAL POWER STATION, OPGC							
Serial No.	Department	Equipment	Location	Job description:			
	Facility management		F/M office	Improvement to Diffusion System and cleaning of all Tanks at STP			
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/ Electrocution	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/Absorption	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 shoes, hand gloves ,safety helmet, gumboots, safety belt, safety goggles, dust masks, Full body Harness						
Tools required	Belcha, Bucket, Crowbar, Rope, Mug						
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				Hazard Control Measures adequate to mitigate the
			Elimination/ Substitution	Engineering	Administrative	PPE	
Sludge Removal		Falling chances/ slip/Body Injury				safety shoes, hand gloves, dust mask, safety helmet, safety goggles, Safety ladders	yes
Transportaion of Sludge		Leakage and Fall of Sludge on road			Proper care will be taken.	safety shoes, hand gloves, dust mask, safety helmet	yes

Emergency Safety Measures (Rescue/Fire Brigade etc):	Emergency Contacts-Main Control Room- 222, 233,244, Fire- 777, 222257, Ambulance-
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Overall Job Risk Category-	Med
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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