

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	Providing & Fixing of Automatic sliding glass doors for New Guest House Building			
JSA performed by:	Signature	Reviewed & Approved by	Signature	Date of Issue	Date of revision		Revision No-
Anup Mohapatra		Bichita Padhy					
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/ Electrocutation	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						
Tools required							
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				Measures adequate to mitigate the
			Elimination/ Substitution	Engineering	Administrative	PPE	
Brick work/ concreting / Plastering	While pouring concrete/ plaster for brick work etc cement slurry should not come in contact with hand			Proper care should be taken by utilising the experienced and skilled labour		safety shoes, hand gloves, dust mask, safety helmet	yes
Preparation of paint	During preparation of paint, it may enter different parts of the body like nose, ear, eye etc			No flame or spark should be used while preparation of paint		Hand gloves, safety googles must be worn.	yes
Working at height	Fall from height, slip			Height work permit should be ensured before strating of work, Proper scaffolding shall be done as per norms. Scaffolding should be inspected and approved.		Safety helmet, safety belt, safety googles, hand gloves, safety shoes.	yes
Application of paint	While painting paint may enter different parts of the body. Also paint may fall on floor			Clotes, gunny bag may be laid on the surface or floor.		Hand gloves, safety googles must be worn.	yes
Final inspection and housekeeping	Any left out material if kept on site			Material should be removed with proper PPEs so that no injury to be occurred to others		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-				
Overall Job Risk Category-	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				

