

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	AMC Pest Management Services at ITPS Colony			
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/ Electrocuti	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/Absorpti on	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						
Tools required	Drilling machines, Sprayer machine						
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		
Application of Spray/ insecticides	Fall onto the ahnd or contact with body, inhalation of fumes.			Always hand and face throughly the fresh water and soap solution after the job	safety shoes, hand gloves, dust mask, safety helmet, safety goggles	yes	

Storage of the raw materials	Mistaken for other chemical and used else where			The acabinet/ cup board should be earmarked and kept in lock and key under the reponsible supervisor.	safety shoes, hand gloves, dust mask, safety helmet	yes
Drilling of holes on to the walls	Shock/ Electrocutation		Only authorised electrician should give connection to the machine.	The machine connection should be properly made, no cut cables should be used. Electrcal connection should be taken from the designated source ,i.e socket points only.	Hand gloves, safety googles must be worn.	yes
Emergency Safety Measures (Rescue/Fire Brigade etc):		Emergency Contacts-Main Control Room- 222, 233,244, Fire- 777, 222257, Ambulance-				
Overall Job Risk Category-	High					
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				