

Format No: ER 5/10– F2, JOB SAFETY ANALYSIS (JSA), IB THERMAL POWER STATION, OPGC							
Serial No.	Department	Equipment	Location	Job description: AMC Pest Management Services at ITPS Colony			
	F/M		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/ 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/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 Shoes, Safety Helmet, Hand Gloves, safety goggles, nose mask, safety relective jacket, dust mask.						
Tools required	Drilling machine, 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				Are control Measures adequate to mitigate the risk (Yes/No)	
		Elimination/ Substitution	Engineering	Administrative	PPE		
Application of spray / inseticides	Fall onto the hand or contact with body, inhalation of fumes.			Always hand and face thoroughly the fresh water and soap solution after the job.	Safety Shoes, Safety Helmet, Hand Gloves, safety goggles, nose mask, safety relective jacket, dust mask.	Yes	
Storage of the raw materials	Mistaken for other chemical and used else where			The cabinet / cupboard should be earmarked and kept in lock and key under the responsible supervisor.	Safety Shoes, Safety Helmet, Hand Gloves, safety	Yes	

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		Elimination/ Substitution	Engineering	Administrative	PPE												
Drilling of holes onto the walls	Shock / Electrocution		Only authorised electrician should give connection to the machine.	The machine connection should be properly made, no cut cables should be used. Electrical connection should be taken from the designated source i.e socket points only.	Safety Shoes, Safety Helmet, Hand Gloves, safety goggles, nose mask, safety relective jacket, dust mask.	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) :	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															