

DEPARTMENT:- PLANT											
Activity	Sub-Activities	Hazard	Target People Environment Asset	Top Event	Consequences	Initial Risk Rating	Present control	Residual Risk level	Action		
							Controls and recovery measures required to reduce the risk to as low as reasonable practicable		Action to be taken	Responsibility	
Availability of Raw materials	Preparation of Space	Nil	Nil	Nil	Nil	Nil					
	Availability of raw material	Nil	Nil	Nil	Nil	Nil	Provision of trolley	0A	Nil	Nil	
UPVC & PVC pipe line Installation work	Cutting of raw materials as per requirement.	Body injury	People	Body injury	Body injury due to exposed hexsaw bled	2D	Experienced person	1C	Continuous supervisor to provide	Contractor/Initiator	
	fitting of pipe line	Adhesion solution	People	Eye Injury	working without PPE	4C	1. PPE kit 2. Tool checking by authorised person in work permit	0A	Compliance to PPE kit safety	Contractor	
	Cutting the old Pipe line by Hexsaw bled	Exposed to Old part	People	Body injury/Eye injury	Body injury due to hexsaw bled	2C	Skilled opertor Safety hand gloves	1A			
PPR pipe line work		Electric shock	People	Shock injury	Shock due to open joint in heater machine's cable	4C	1. Uncut cable and insulated joint 2. Electrical safety communication and acceptance of basic safety rule from contractor 3. Tool checking by authorised person in work permit	0A	Compliance to electrical safety	Contractor	
Shifting of scrap	Shifting of scrap	Non Hazardous waste generation	Environemnt	Pollution	Nil	1C	Designated hazardous waste area	1A	Scrap to remove to designated Non hazardous waste area	Contractor/Initiator	

Likelihood (L)	Severity (S)				
	1	2	3	4	5
5	5-M	10-M	15-H	20-H	25-H
4	4-L	8-M	12-M	16-H	20-H
3	3-L	6-M	9-M	12-M	15-H
2	2-L	4-L	6-M	8-M	10-M
1	1-L	2-L	3-L	4-L	5-M

Prepared By :- Mr. Sanjay Dashwant  
 Designation :- **BHAKTI**  
 Date :- **20/11/2018**

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