

HIRA

Electroarts

HIRA for PLC Programming and auxiliary work

Hazard no	Area(equipment, infrastructure).	Activity	R / NR	Hazard	Risk	Present control measures	Control - adequate / not adequate	Risk Evaluation				Proposed Additional Controls	Residual Risk		
								Legal reqm & contro	Probability	Consequence	Result (PXS)				
1	Inspection of Machine	STF: Bodily Injury	NR	STF: Bodily injury	STF: Bodily Injury		Adequate								
2	Inspection of Machine	Electric Shock, STF	NR	Electric Shock, STF	Electric Shock, STF		Adequate								
3		Comp Loading & Unloading the component on fixture	NR	Fall of Casting from height due to wrong handling	Body Injury leading to first aid treatment		Adequate		2	2	4/M	A			
4	Programming work	Machining drilling operation	NR	Chips and coolant come out due to safety door open in auto	Eye injury calling first aid treatment		Adequate		1	3	3/M	A			
5		Cleaning the locating pin, rest pads by coolant/air gun	NR	Person may be slip due to coolant fall on floor	Body Injury leading to first aid treatment		Adequate		2	2	4/M	A			
6	Final Inspection	Visual inspection of finish comp	NR	Stress on eye due to inspection doing in bad light	Ill Health		Adequate		2	2	4/M	A			

R : Routine	Routine Consider as Regular Work	P : Probability	C : Consequences (Severity)	Consequence (Severity) of Harm	RISK LEVEL	L : Low	M : Medium	H : High	Elimination
NR : Non-Routine	Working Weekly, Monthly, Quarterly, 1/2 Yrly & Yrly as a non routine Work								
EC : Engineering Control									
AC : Administrative Control									
EPRP : Emergency Preparedness Plan									
POO			Injury						
UNLIKEL			Injury not calling for first aid						
VERY			Injury leading to illness						

