

E INFINITY SOLUTIONS				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					Risk level A/UA	Proposed additional Controls			Residual Risk
								E	Legal reqm & control	Probability	Consequence	Resultant (PXS)		EC	AC	(EPRP)	
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	Programming Work	Camp Loading & Unloading the component on fixture	NR	Fall of Casting from height due to wrong handling	Body injury leading to first treatment		Adequate		2	2	4/M	A					
4		Machine 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 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								RISK LEVEL	L	Low	N: Normal	L:	Low
NR: Non-Routine	Working Weekly, Monthly, Quarterly, 1/2 Yrly & Yrly as a non routine Work	C: Consequences(Sevierity)									M:	Medium	A: Abnormal	M:	Medium
EC: Engineering Control														H:	High
AC: Administrative Control														E:	Emergency
EPRP: Emergency Preparedness Plan															
POO	Injury			Ill Health							MATRIX			E	Elimination
UNLIKE		Injury not calling		Illness						3	3/M	6/H	9/E	S	Substitution
LIKELY		Injuru calling for first aid		Illness due to						Sevierity 2	2/L	4/M	6/H	EC	Engineering Control
VERY		injury leading to		Illness						1	1/L	2/L	3/M	AC	Warning/Signage/Agminate
											1	2 Probability	3	PPE	Personal Protective Equipments

