

Hazard Identification, Risk Assessment And Risk Control Register (HIRA)

Teachers Shop

Main Activity	Activities	Sub-Activities	E / P	Hazard	Hazard No.	Risk	Prevent Control	Legal	Priority	Consequence	Risk Level	By When	Priority No.	Ongoing No.	Addressed Controls	
															Operational Control	OSIP No.
Component working	operation 20	Load the component from operating tray and load on figure	E	1. While adjusting the external component may fall on leg	25	1. Injury to leg	1. Safety shoes provided.	-	1	1	L	-	-	-	-	-
				2. Hand injury if table rotated in turning cycle.		2. Cycle interlocked with LED Curtain.										
				3. While adjusting machine start solvent may fly on face.		3. Injury to eyes and face.	3. Machine cycle interlocked with door closing.									
				4. While unload the component may be chances of figure out.		4. Injury to figure.	4. Safety hand gloves provided									
				5. While adjusting the material component may fall on leg.		5. Injury to leg.	5. Safety shoes provided									
				6. Figure may crash in between cooling cylinder and component.		6. Injury to figure.	6. Safety hand gloves provided									
Locking	operation 60	Start the ink drying shoe	E	7. While unload the component may be chances of figure out.	27	7. Injury to figure.	7. Safety hand gloves provided	-	2	4	M	-	-	-	-	-
				8. While adjusting the material component may fall on leg.		8. Injury to leg.	8. Safety shoes provided									
				9. Figure may crash in between cooling cylinder and component.		9. Injury to figure.	9. Safety hand gloves provided									
				10. While unload the component may be chances of figure out.		10. Injury to figure.	10. Safety hand gloves provided									
Component assembly	Component assembly as per drawing	Assemble component by using clip part	E	11. NIL	NIL	11. NIL	-	-	-	-	-	-	-	-	-	-
				12. Figure may caught in between pressing cylinder and component.		12. Injury to figure.	12. Two hand switch button provided for stamping.									
				13. Use of pneumatic gun for parts placement.		13. NIL	-									
				14. Material rimpops from bin and poly bag.		14. NIL	-									
				15. Figure falling and crushing machine.		15. Injury to leg or hand	15. Figure lifting trolley provided									
				16. Machine cleaning in internal cylinder part.		16. Injury to body	16. Safety shoes provided to avoid splash									
Machining	Use of 5 hour on machine	Tool replacement.	E	17. Figure may fall.	22	17. Injury to leg or hand	17. Figure lifting trolley provided	-	1	1	L	-	-	-	-	-
				18. Operator may fall at working place.		18. Injury to body	18. Safety shoes provided to avoid splash									
				19. Operators figure may cut.		19. Injury to figure.	19. Safety shoes provided to avoid splash									
				20. Figure may fall.		20. Injury to leg or hand	20. Figure lifting trolley provided									
				21. Figure may fall at working place.		21. Injury to body	21. Safety shoes provided to avoid splash									
				22. Operators figure may cut.		22. Injury to figure.	22. Safety shoes provided to avoid splash									
NIL	Routine maintenance	-	P	23. Figure may fall.	RISK LEVEL	23. Injury to leg or hand	23. Figure lifting trolley provided	-	2	4	M	-	-	-	-	-
				24. Operators figure may cut.		24. Injury to figure.	24. Safety shoes provided to avoid splash									
				25. Figure may fall.		25. Injury to leg or hand	25. Figure lifting trolley provided									
				26. Operator may fall at working place.		26. Injury to body	26. Safety shoes provided to avoid splash									
				27. Operators figure may cut.		27. Injury to figure.	27. Safety shoes provided to avoid splash									
				28. Figure may fall.		28. Injury to leg or hand	28. Figure lifting trolley provided									



OSIP: Probability of Occurrence

3 2 1
M H L

3 2 1
M H L

3 2 1
M H L

3 2 1
M H L

3 2 1
M H L

3 2 1
M H L

3 2 1
M H L

3 2 1
M H L

3 2 1
M H L

3 2 1
M H L

3 2 1
M H L

3 2 1
M H L

