



TITLE: HAZARD IDENTIFICATION AND RISK ASSESSMENT (HIRA)

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Activity

Panel or Component handling during robot teaching

Department

Robotics

Task performed	Hazard Identified	Hazard effect	Existing risk control	S	L	R	Additional / New risk control	Responsibility	Completion date	S	L	R
Panel or Component handling during robot teaching	1) Handling the panel without gloves 2) Panel holding with own body support. 3) Panel carrying with front blindness/no view of walk way. 4)Part holding at burr area.	1) Hand cut injury may happen. 2)Due to part sharpness , body part may cut or injured. 3)Part carrying person may fell down. 4)Cut injury at part holding area of hand.	1)Ensure the double pair of gloves during part handling. 2)Maintain distance between part and own body interference. 3)Change the orientation of carrying part ,it should not blind the walk way. 4)Burr should be remove from the part.	2	2	4	1. A written safe material handling procedure to be drafted prescribing the safety measures to be implemented as to ensure the safe handling of part.			2	1	2

[Type here]

Rating criteria	1	2	3	
Severity (S)	First aid	Lost time injury	Fatal	
Likelihood (L)	Unlikely	Probable	Likely	
				Risk Rating Serious 7-9, Moderate 5-6, Low 3-4