HAZARD IDENTIFICATION AND RISK ASSESSMENT

Department: Painting
Issue Date: 2/05/2015

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Records No:															-	
SI. No	ROUTINE / NON ROUTINE	OH & S Hazards		Source, Situation or Act	Emergency situation (Y / N)		Base Ris Assessm		Base Risk Level	Not	Control in place & in use (A/B/C/D/E)	Final Risk Assessment		Final Risk Level	Acceptable / A Not acceptable	Additional control required
NO	ROOTINE				(1714)		Severity	Probability			. ,	Severity	Probability		acceptable	
A Paint Shop								o Sublinty				corony	obubility			
1 Storage of Paint	R	Spillage of paint and thinner on land	Slip may cause body injury	Situation	Yes	No	Poter	tial to Emerge	ency	Not Acceptable	С	1	2	3	Acceptable	
2	R	Improper storage of paint and thinner	Fire	Situation	Yes	No	Potential to Emergency		Not Acceptable	С	1	3	4	Not Acceptable E	PP # 1	
3	R	Exposure to recitative stress	muscular stretches / back pain	Situation	No	No	1	2	3	Acceptable	С	1	2	3	Acceptable	
4 Loading of Material on Trolley	R	Lifting of heavy loads	muscular stretches / back pain	Situation	No	No	1	2	3	Acceptable	С	1	2	3	Acceptable	
5	R	Exposure to sharp edges	Cut Injury	Source	No	No	1	3	4	Acceptable	E	1	1	2	Acceptable	
6	R	Chemical Hazard due to inhalation of cleaning chemicals	suffocation	Source	No	No		1	1	Acceptable	Е	1	1	2	Acceptable	
7 Dimon Classics of Material	R	Chemical Hazard due to	eye injury	Source	No	No	1	1	2	Acceptable	E	1	1	2	Acceptable	
Primary Cleaning of Material	R	Skin Exposure with Paint/ Chemical	dermatitis	Source	No	No	1	1	2	Acceptable	E	1	1	2	Acceptable	
9	R	Exposure to Dust	Breathing Effect	Source	No	No	1	1	2	Acceptable	E	1	1	2	Acceptable	
10	R	Exposure to paint mist and fumes	Malfunctioning of respiratory system		No	No	1	1	2	Acceptable	E	1	1	2	Acceptable	
11	R	Exposure of skin to paint / thinner	dermatitis	Situation	No	No	1	2	3	Acceptable	E	1	1	2	Acceptable	
Painting in paint booth	R	Fire Hazard		Situation	Yes	No	Poter	tial to Emerge	ency	Not Acceptable	С	1	3	4	Not Acceptable E	PP # 1
13	R	Oxygen deficiency in paint booth	Breathing Effect	Situation	Yes	No	Poter	tial to Emerge	ency	Not Acceptable	С	1	4	5	Not Acceptable E	PP # 1
14	R	Paint on skin	Skin irritation	Situation	No	No	1	3	4	Acceptable	E	1	1	2	Acceptable	
15 Paint mixing	R	Paint mixing by hand	Skin irritation	Situation	No	No	1	3	4	Acceptable	E	1	1	2	Acceptable	
16		Skin cleaning with thinner	Skin irritation	Situation	No	No	1	2	3	Acceptable	С	1	1	2	Acceptable	
17 Paint usage		Use of lead containing paint		Situation	No	No	1	2	3	Acceptable	E	1	1	2	Acceptable	
18		pungent odour from paint		Situation	No	No	1	2	3	Acceptable	С	1	1	2	Acceptable	
19			risk of fire due to paint and thinner	Situation	No	No	1	3	4	Acceptable	E	1	1	2	Acceptable	
20 Spray painting in open area		particles of paints mixes in air during spray painting operation		Situation	No	No	1	3	4	Acceptable	E	1	1	2	Acceptable	
21	R			Situation	No	No	1	2	3	Acceptable	С	1	1	2	Acceptable	
22		Spray paint contact with eyes	Eye irritation	Situation	No	No	1	2	3	Acceptable	E	1	1	2	Acceptable	
23 Walking in Paint booth	R		fall/ body injury	Situation	No	No	1	2	3	Acceptable	С	1	1	2	Acceptable	
24 Working in Daint Boath	R	Working in poorly illuminated area	eye stress	Situation	No	No	1	2	3	Acceptable	С	1	1	2	Acceptable	
Working in Paint Booth 25 Drying of Material after painting	R	Using of Mobile phone in paint booth Exposure to sharp edges	Fire Cut Injury	Situation Source	Yes No	No No	Poten	tial to Emerge	ency	Not Acceptable Acceptable	C	1	4	5	Not Acceptable E	PP # 1
26	R	Exposure to sharp edges		Source	No	No	1	3	4	Acceptable	E	1	1	2	Acceptable	
27 Inspection of painted Material	R	Exposure to repetitive stress		Situation	No	No		2	3	Acceptable	C	1	1	2	Acceptable	
28 Rectification of defect	R	Exposure to slippery surface	Slip/Trip	Situation	No	No	1	2	3	Acceptable	E	1	1	2	Acceptable	
29 Packing of finished goods	R	Exposure to repetitive stress		Situation	No	No	1	2	3	Acceptable	C	1	1	2	Acceptable	
30 Hazardous Material / Waste Handling									-		-					
31 Receipt of Material like paint, thinner	R	Exposure to fumes and odour	Malfunctioning of respiratory system	Source	No	No	1	1	2	Acceptable	E	1	1	2	Acceptable	
and chemicals	R	Exposure of skin to Hazardous waste	dermatitis	Source	No	No	1	2	3	Acceptable	E	1	2	3	Not Acceptable W	/ork Instruction
33 Stacking of material in storage	R	Falling of material bins	body injury	Source	No	No	1	1	2	Acceptable	E	1	1	2	Acceptable	
34	R	Exposure to fumes and odour	Malfunctioning of respiratory system		No	No	1	1	2	Acceptable	E	1	1	2	Acceptable	
Issue of Haz. Material	R	Exposure to paint thinner spillage	dermatitis	Source	No	No	1	2	3	Not Acceptable	E	1	1	2	Not Acceptable W	Vork instruction
36 Segregation of hazardous material waste	Б	Exposure to paint thinner spillage		Source	No	No	1	2	3	Not Acceptable	E	1	1	2	Not Acceptable	
37 Disposal of Hazardous wastes as per govt. requirement	R	Physical hazards due to contact with machine		Situation	No	No	2	2	4	Not Acceptable	Emergency Buttons (C)	2	1	4	Acceptable	
38 General activities																
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39	R	Ergonomically Hazard due to sitting posture at work stations	muscular stress in back improper	Act	No	No	2	2	4	Not Acceptable	С	1	1	2 Acceptable	
40 Furniture and Seating arrangement	R	Ergonomically Hazard due to exposure to radiations from computer screens	eye stress	Source	No	No	1	2	3	Not Acceptable	С	1	1	2 Acceptable	
41	R	Physical Hazard due to defective chairs	minor body injury /fall	Situation	No	No	2	2	4	Not Acceptable	С	2	2	4 Not Acceptable Regular	ar Inspection
42 Office equipment handling	R	Electrical Hazard due to loose wiring	electric shock	Situation	No	No	3	1	4	Not Acceptable	С	3	1	4 Not Acceptable Work In	nstruction