

COMPETENCY ASSESSMENT: Spray Painting Booth

Prerequisites: All personnel undertaking this assessment must have previously completed the following;

- Read Spray Painting Plant Risk Assessment, **Task ID. 1900** and associated Standard Operating Procedure, **SP-029**,
- Read Compressed Shop Air Risk Assessment, **Task ID. 2128** and associated Standard Operating Procedure, **SP-028**,
- Complete local Workshop Induction,

Competency: Perform spray painting within a workshop spray booth in accordance with occupational health and safety standards.

Operation: This assessment should take place in any EAIT Faculty Workshop equipped with a Spray Booth. The assessor is required to assess all aspects of the competency regarding the following operations;

1. Correct selection, inspection and use of Personal Protective Equipment (PPE),
2. Selection and use of spray painting plant, including extraction,
3. Correct storage and disposal of paint and associated chemicals and materials used in the task.

Instructions: Each intended user of the equipment is required to complete an individual competency assessment, detailed in Section 1 below. Each element is to be assessed and the results recorded below. The actions used and evidence gained to assess competency (listed in Appendix A) are recorded against each criteria. Users are then required to answer the questions in Section 2 and then sign and date this document. The assessor then signs & dates the document which is then retained by the FWG Workplace Health & Safety Coordinator (WHSC).

Notes:

Evidence of competency allows the user access to the equipment only for the tasks assessed. Proof of competency does not permit the assessment of untrained personnel's competency using this equipment. Only authorised persons are permitted to assess the competence of others in this process. Competent users will be required to be re-assessed on any related changes to the operating procedures of this equipment.

1. Operational Assessment

Element of competency	Performance criteria	Operation /Scenario	Self assessment		Assessor review		Action/evidence (Refer to Appendix A)
			Competent	Not yet competent	Competent	Not yet competent	
Fit Mouldex half face respirator with organic vapor cartridges.	Removes Mask from sealed bag, inspects mask for signs of damage, ensure cartridges are in good working order.	1					
	Fits mask appropriately, places straps in correct position, tightens to ensure close fit.	1					
	Ensures seal by placing open palms on openings of filters and inhaling ensuring no air flows, if air does flow, adjusts mask appropriately and repeats above until satisfactory.	1					
	Removes mask, cleans and places into original sealed bag that mask was supplied in.	1					
Safety Glasses.	Ensure safety glasses are worn.	1					
Fit disposable Gloves	Ensures gloves go on easily. Ensures glove size and fit is appropriate. Discuss appropriate disposal of gloves.	1					

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Element of competency	Performance criteria	Operation /Scenario	Self assessment		Assessor review		Action/evidence (Refer to Appendix A)
			Competent	Not yet competent	Competent	Not yet competent	
Disposable coveralls	Can identify situations where coveralls are required.	1					
	Locates Coveralls and fits correctly, fit should be comfortable and not too tight.	1					
	Removes coveralls without contamination and disposes of coveralls appropriately.	1					
Inspect plant	Checks condition of air hose, fittings and spray gun.	2					
	Correctly assembles spray gun and attaches to air hose.	2					
Operates extraction system	Locates extraction system and checks filter cartridges for damage.	2					
	Locates and operates on/off switch for extraction system.	2					
Identifies paint storage procedure	Locates correct storage location and containers for usable-paint storage.	3					
Waste disposal procedure	Identifies and locates flammables cabinet and paint storage containers used for waste paint storage.	3					

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Element of competency	Performance criteria	Operation /Scenario	Self assessment		Assessor review		Action/evidence (Refer to Appendix A)
			Competent	Not yet competent	Competent	Not yet competent	
	Locates funnel and ensures storage container is correctly marked for waste paint.	3					
	Locates correct storage area for waste paint containers in flammables cabinet.	3					
	Locates storage container for thinners-soaked (flammable) rags.	3					

2. Review Questions

Answer the following questions in the spaces provided. If you have any questions please ask the assessor. You may refer to the Risk Assessment, Standard Operating Procedure (SOP) or your notes if required. Once complete, insert your name and details in the space provided and return the completed form to the assessor.

2.1 What are the hazards that can arise from Spray Painting?

2.2 List the routes of human exposure from Spray Paint?

2.3 If you are provided with PPE and properly instructed in its use, you are obliged to use it. True or False?

2.4 What PPE should be worn if you are about to perform heavy spray painting where there is a risk of skin exposure?

2.5 What should be done with used paint once finished?

2.6 What should be done with rags soaked with thinners after use?

Authorisation					
Employee\Student name	Employee\Student signature	Date	Unit	Assessor name	Assessor signature

Appendix A

Possibilities for Action items		Possibilities for evidence	
A	Watch video	1	Direct observation of performance during work
B	Review procedures	2	Direct observation of performance during simulation
C	Attend central training	3	Return demonstration during training
D	Observe other staff	4	Completed end product, form or document
E	On the job training	5	Verbal assessment
F	Be mentored by person with these skills	6	Written assessment
G	Role play with other staff	7	>1 year Post-training trade experience
H	Online course	8	Other – Provide details
I	Technical trade training		
J	Other – Provide details		