EMPLOYEE TRAINING RECORD

TRAINING TITLE Spray Painting Fire or Explosion Hazard

KEY TEACHING POINTS

GENERAL

- Static electricity is created by the flow of fluid through the pump and hose. If every part of the spray equipment is not properly grounded, sparking may occur, and the system may become hazardous. Sparking may also occur when plugging in or unplugging a power supply cord or use a gasoline engine. Sparks can ignite fumes from solvents and the fluid being sprayed, dust particles and other flammable substances, whether you are spraying indoors or outdoors, and can cause a fire or explosion and serious bodily injury and property damage.
- If you experience any static sparking or even a slight shock while using the equip, STOP SPRAYING IMMEDIATELY. Do not use the system until the problem is identified and corrected.

GROUNDING

- To reduce the risk of static sparking, ground the sprayer and all other spray equipment used or located in the spray area.
  - Sprayer - Connect a ground wire and clamp to a true earth ground.
  - Fluid hoses - Use only grounded hoses with a maximum of 500 feet combined hose length to ensure grounding continuity.
  - Spray Gun - Obtain grounding through connection to a properly grounded fluid hose and sprayer.
  - Object being sprayed - Follow local code
  - Fluid supply container - Follow local code.
  - All solvent pails used when flushing - Follow local code. Use only metal pails, which are conductive. Do not place the pail on a non-conductive surface, such as paper or cardboard which interrupts the grounding continuity.
  - Maintain grounding continuity when flushing or relieving pressure, always hold a metal part of the gun firmly to the side of a grounded metal pail, then trigger the gun.

FLUSHING SAFETY

- Reduce the risk of fluid injection, static sparking, or splashing by following the flushing rules of the manufacturer.

TEST

QUESTION	ANSWERS	
	TRUE	FALSE
1 If every part of the spray equipment is not properly grounded, sparking may occur, and the system may become hazardous.		
2 If you experience any static sparking or even a slight shock while using the equip, STOP SPRAYING IMMEDIATELY.		
3 Static electricity is created by the flow of fluid through the pump and hose		
4 Reduce the risk of fluid injection, static sparking, or splashing by following the flushing rules of the manufacturer.		
5 Sparks can ignite fumes from solvents and the fluid being sprayed, dust particles and other flammable substances, whether you are spraying indoors or outdoors.		

EMPLOYEE'S NAME	EMPLOYEE'S SIGNATURE	DATE
INSTRUCTOR'S NAME	INSTRUCTOR'S SIGNATURE	DATE

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