

Job Hazard Analysis

JHA Name: Automotive Spray Booth & Spray Gun Usage

Assessment Date: 04-28-14
 Building or Location: North Mankato Campus

Revision Date: 05-30-17
 Department or Program: Auto Collision

Description of Individual Tasks or Assignments:

	Hazard Type(s) Associated with Task or Assignment:	Check for Exposure:	
1	Impact	X	Potential exposure to aerosolized spray during spray gun usage (e.g., injuries to eyes and unprotected skin)
2	Penetration or Cut <u>Example:</u> Person(s) can strike an object, be struck by an object, or fall upon an object(u		
3	Crush or Pinch <u>Example:</u> An object(s) or equipment/machine may crush or pinch a body or body part		
4	Chemical or Harmful Dust <u>Example:</u> Exposure to chemicals (i.e., hazardous substances and harmful physical agents), infectious agents from spills, splashing, physical contact, and/or exposure to dusts, vapors, fumes, or gases that could cause illness, irritation, burns, asphyxiation, breathing/vision difficulty, sensitization, infection, or other toxic health effects (i.e., acute or chronic). Note: "May also have or create ignition potential."	X	Potential exposure to aerosolized chemical vapors (e.g., respiratory irritation and illness, chemical sensitization), potential exposure to aerosolized spray (e.g., irritation and illness by absorption through unprotected skin, chemical sensitization), and combustible materials/flammable vapors (e.g., fire hazards)
5	Heat <u>Example:</u> Exposure to radiant heat sources, sparks, and splashes or spills of hot material		
6	Light (optical) Radiation <u>Example:</u> Exposure to strong light sources, glare, or intense light exposure which is a byproduct of a process. Note: "This category may also include hazards presented from lack of light (e.g., working in dark spaces/areas)."		
7	Electrical Contact		
8	Ergonomic/ Human Factors <u>Example:</u> Working in cramped spaces, repetitive movements, awkward postures, vibration, heavy lifting, etc. Note: "This category may also include unique hazards presented from tasks that require demanding or challenging degrees of mental and/or physical effort to be exerted by an individual. See <u>Physical Effort Definition/Examples</u> category for further explanation of physical effort."	X	Potential exposure to repetitive movements, lifting light to moderately heavy loads, and bending when using spray gun (e.g., Muscular Skeletal Disorders)
9	Environmental <u>Example:</u> Exposure to noisy environments, hot or cold work environments, poor weather conditions, working at a height, and any other conditions in the workplace that could cause danger, discomfort, and/or negative health effects.	X	Potential exposure to loud/prolonged noise (spray gun system), Potential exposure for slips, trips, and falls due to hoses lying on floor of spray booth X

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