

Job site safety analysis

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Task	Hazards	Control
Soldering hardware components	Skin burns, inhaling fumes	<ul style="list-style-type: none"> - Proper soldering training - Check the correct functionality of the soldering station before usage - Turn off the tool when not in use - Ensure proper ventilation
Electrical current	Electroshock	<ul style="list-style-type: none"> - Make sure equipment is in good condition before turning it on - Check that there are no present liquids on sensitive parts of the equipment before the usage
Using sharp or heavy tools	Injuries from tools such as blades and hammers	<ul style="list-style-type: none"> - Proper training before usage - Wear gloves and safety glasses when necessary - Keep the tools in a secure place when not in use
Using rapid drying glue for prototyping	Toxic haze inhalation and skin injuries after direct contact	<ul style="list-style-type: none"> - Ensure proper ventilation in the workshop - Use gloves and other tools to avoid direct contact with the skin
Lifting the ROV or other heavy items	Back and other body parts injuries (ex. feet or legs)	<ul style="list-style-type: none"> - Use proper lifting techniques - Ensure a minimum number of crew members are present during the lifting operations