

JOB SAFETY ANALYSIS

Task/ Job: _____

Location: _____

Persons undertaking assessment: _____

Date of assessment: _____

Job Description	Potential Hazards	Prevention/Mitigation	PPE Required
Welding operation	<ul style="list-style-type: none"> - Sparks could burn eyes, hands, clothes - Fire/explosion - Electric shock 	<ul style="list-style-type: none"> - Personnel who involve in this operation should review safety training online. - Dark clothing works best to reduce reflection under the face shield. Heavier materials, such as wool clothing, heavy cotton or leather, are preferred as they resist deterioration. - Full face shield has to be used during the operation. - Materials that can melt or cause severe burn due to sparks that may lodge in rolled-up sleeves, pockets of clothing or pant cuffs are not recommended. - Do not use ring and metal watch. - If welding outside shop, get approval from authorized person required. - Do not weld near flammable or combustible material (mixture of flammable gas, vapors, or liquids). Move flammables at least 35 feet away or protect them with flame-proof covers. - Do not weld on drums, tanks or any closed containers unless a qualified person has tested it and declared it or prepared it to be safe. - All electrical cords shall be inspected and in good working condition prior to use (no missing ground pins, no damaged cords, or frayed wires evident). - Welded materials should be put in a safe place to cool. 	<ul style="list-style-type: none"> - Welder cap - Proper hand gloves - Full face shield - Flame resistant apron
Work at height	Falling from height	<ul style="list-style-type: none"> - Ensure ladder is suitable, stable, and strong enough for the job, maintained and checked regularly. - Rest a ladder against firm and level upper surfaces. - Check all four stepladder feet are in contact with the ground and the steps are level. - Keep hands free of additional material when climbing. - Do not overreach. - Maintain three points of contact at the working position. This means two feet and one hand, or when both hands need to be free for a brief period, two feet and the body supported by the stepladder. - Try to position the stepladder to face the work activity and not side on. 	<ul style="list-style-type: none"> - Non-slip shoes - Proper hand gloves - Hard hat
Pinch point	Pinching	<ul style="list-style-type: none"> - Identify possible pinch point hazards. 	Proper hand gloves

JOB SAFETY ANALYSIS

	hands/fingers	<ul style="list-style-type: none"> - Do not use ring and metal watch. - Keep fingers from pinch point and watch where you place your hands. - Focus on objects that move or possibly could move. - Be aware of pinch points created by objects that move and come into direct or close contact with relatively fixed object. 	
Cutting operation	<ul style="list-style-type: none"> - Flying sparks from metal, falling pieces of metal causing laceration to fingers/hand - Bodily injuries - Noise 	<ul style="list-style-type: none"> - Wear eye protection, gloves and steel-toed shoes. If possible, have a helper catch cut-off material. - Keep body away from cutting edges, crushing, caught-between, cutting, tearing, and shearing items. - Use leather or cut-resistant work gloves when manipulating hand tools, handling sharp-edged material, or when hands are exposed to potential pinch points or lacerations. - Clear area of other people. - Ensure hands and body parts are kept clear of moving saw blade during operation. - Noise can cause permanent hearing damage, hearing protection has to be used during the operation. 	<ul style="list-style-type: none"> - Cut-resistant gloves - Hearing protection - Safety glasses - Face shield - Steel-toed shoes
Overhead Objects	<ul style="list-style-type: none"> - Falling from height - Strike against 	<ul style="list-style-type: none"> - The area to which objects could fall must be barricaded and individuals not equipped with hard hats prohibited from entering. - Hard hat is required to use for this activity. When strike against happen, the suspension system inside the hat is designed to help absorb and dissipate impact while keeping a clearance between the head and shell of the hat. 	<ul style="list-style-type: none"> - Non-slip shoes - Hard hat
Hand/Power Tool Use	<ul style="list-style-type: none"> - Improper Hand/Power Tool Use - Sprains/Strains - Flying Debris - Pinch points 	<ul style="list-style-type: none"> - Follow requirements of manufacturer's operations manual/instructions during use, including use of recommended PPE, if any. - Avoid working with elbows elevated at awkward angles. Use in-line tools, if available, to keep the wrists straight - Wear eye protection (Safety Glasses with side shields, or in combination with face Shield, as required) - Use leather or cut-resistant work gloves when manipulating hand tools, handling 	<ul style="list-style-type: none"> - Safety glasses - Proper hand gloves - Face shield (if required)

JOB SAFETY ANALYSIS

	<ul style="list-style-type: none">- Exposed sharp hand tools	<p>sharp-edged material, or when hands are exposed to potential pinch points or lacerations.</p> <ul style="list-style-type: none">- Utilize equipment/tools as per their intended.- Use leather or cut-resistant work gloves when manipulating hand tools, handling sharp-edged material, or when hands are exposed to potential pinch points or lacerations.	
--	--	---	--