

Safety/Risk Assessment

Project Name and Location: Polaris, Yukon University

Date of assessment: March 25, 2024

Assessment conducted by: Ed Jansen, Joe Densmore

Step 1: Spot the Hazards		Step 2: The risk Assess	Step 3: Fix the problem	Who will control & when	Reassess the risk
Identify the task	What are the risks associated with each activity?	Is the risk low, moderate, significant, or high?	If the risk is deemed unacceptable for the task, what will be done to reduce or remove the risk?	By whom? AND by when?	Now that strategies have been put in place reassess the risk
Groundwork	-heavy equipment -Earth movers -Concrete pour	Moderate	-Eye contact with operators -High vis clothing -Hand signals	Supervisor and individual employee: Daily, as Tasks Change	Low risk
Rough Carpentry	-hand and power tools -electrical cords -awkward and /or heavy lifts -slip trips	Moderate	-inspect all hand and power tools and cords -tag out faulty tools and cords -daily HA for tasks to be undertaken - qualified/ oriented to safe use of tools -proper PPE as needed -Maintain tools	Supervisor and individual employee using tools: Daily, as Tasks Change	Low risk

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Framing	Power tools and electrical cords, Ladders, Sawhorses, Scaffolding Heavy or awkward lifts Slip trip hazards. Air nail guns and hoses Loud noises Working at heights	Moderate	Orient to the task (SJP & SWP on site) Do all inspections prior to commencing work. Use an assistant or mechanical equipment on heavy lifts. Do housekeeping as work progresses. Wear PPE as required by task. Use guardrails and safe work zones as needed. All saws to have guards	All employees responsible for their individual job description if unfamiliar with proper protocol ask supervisor: Daily	Low risk
WHMIS Identified Products	Hazardous or toxic products	Moderate	MSDS sheets on site for all products PPE available as identified through MSDS sheets. Employees WHMIS trained. Hazards identified in morning toolbox meeting (PSA sheet)	Site crew leader to monitor: As needed	Low risk

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Mechanical Work	Ladders & elevated work Slip / trips Cuts Repetitive work Hazardous materials	Moderate	Inspect all ladders and tools prior to use. Do housekeeping as you go. Use proper PPE. HA done on all tasks.	Superintendent and safety officer will monitor contractor. Contractor to supervise mechanical employees	Low risk
Painting	MSDS products Ladders Splashes in the eye	Moderate	Review MSDS sheets Use appropriate PPE. Use low VHF products	Sub-contractor superintendent	Low risk
Electrical Work		Moderate	Inspect all ladders and tools prior to use. Do housekeeping as you go. Use proper PPE. Tag out system to be used on live circuits.	Superintendent and safety officer will monitor contractor. Contractor to supervise	Low risk