

# Formal Hazard Assessments and Job Descriptions

## 7. Field Worker – Formal Hazard Assessment

Assessment Team:		Risk (3-15)						Assessment Team:		Date: Jan 2020		
Position Title		Work Related Activities	Hazards	(H) Health or (S) Safety Hazards?	Consequences	Frequency	Probability	Total	Average Risk	Rank (priority)	Controls	
		List all work related activities for each type of work	List the hazards for each work related activity. List both health and safety hazards								List the proposed engineering, administrative and PPE controls(s) for each hazard.  <b>Engineering:</b> Elimination, substitution, Design <b>Administrative:</b> Policies, Procedures, Training, Work Permits <b>PPE:</b> Head Protection, Eye Protection, Foot Protection, hearing Protection, Respiratory Protection, Fire Retardant Coveralls, High Vis Vest, Fall Protection, Chem Gloves	
Field Worker	Fluids Handling and unit operation	Working at Heights	S	3	4	3	10	10	1	Eng: Manufacturer's safeguards, Non-slip surfaces	Admin: Training, Safe work Practices, Safe Job Procedures	PPE: Head Protection, Foot Protection, Hand Protection
		Moving Parts	S	3	4	2	9			Eng: Tight-fitting clothing, no jewelry, tie long hair back	Admin: Training, Safe work Practices, Safe Job Procedures	PPE: Head Protection, Foot Protection, Hand Protection
		Noise	H	3	4	4	11			Eng: Low-noise tools and machinery, Well lubricated equipment, Sound barriers where practicable	Admin: Safe Job Procedures, Safe work Practices, Training, Policy	PPE: Hearing Protection
		Loading/Unloading Hazards	S	2	4	3	9			Eng: Manufacturer's safeguards, Proper lighting, Emergency stop controls	Admin: Safe Job Procedures, Safe work Practices, Training, Policy	PPE: Head Protection, Foot Protection, Hand Protection and Eye Protection
		Chemical Exposure	H	3	4	3	10			Eng: Adequate Ventilation	Admin: Safe Job Procedures, Safe work Practices, Whmis, Training, SDS	PPE: Head Protection, Foot Protection, Chemical Gloves, Chemical Suit
	Operating Power Tools	Ergonomic	H	2	3	2	7	9	2	Eng: Vibration Dampening handle covers, Manufacturer's safeguards	Admin: Safe Job Procedures, Safe work Practices, Policy, Sufficient Breaks, Work Scheduling	PPE: Foot Protection, Hand Protection
		Flying Debris	S	3	3	4	10			Eng: Manufacturer's safeguards	Admin: Safe Job Procedures, Safe work Practices, Training	PPE: Head Protection, Foot Protection, Hand Protection and Eye Protection
		Defective Equipment	S	3	2	3	8			Eng: Properly maintained tools, Correct saw blade for material, etc., Lockout/Tagout	Admin: Safe Job Procedures, Safe work Practices, Lockout/Tagout Policy, Policy	PPE: Head Protection, Foot Protection, Hand Protection and Eye Protection

		Moving Parts	S	3	3	3	9	8	3	Eng: Manufacturer's Safeguards	Admin: Safe Job Procedures, Safe work Practices, Policy, Training, Orientation	PPE: Head Protection, Foot Protection, Hand Protection and Eye Protection
		Noise	H	3	3	4	10			Eng: Low-noise tools and machinery, Well lubricated equipment, Sound barrier where practicable	Admin: Safe Job Procedures, Safe work Practices, Policy, Training,	PPE: Hearing Protection
		Electrical Hazards	S	4	3	2	9			Eng: Manufacturer's safeguards, Properly maintained tools	Admin: Policy, Safe Job Procedures, Safe work Practices, Training	PPE: Foot Protection, Hand Protection, Head Protection
	Utilizing Hand Tools	Ergonomic	H	2	3	3	8	8	3	Eng: Use correct tool for job (e.g. A screwdriver is not a chisel)	Admin: Safe work Practices, Safe Job Procedures, Work Scheduling, Sufficient breaks, Training	PPE: Head Protection, Foot Protection, Hand Protection
		Flying Debris	S	3	3	3	9			Eng: Manufacturer's safeguards	Admin: Safe work Practices, Safe Job Procedures, Training	PPE: Head Protection, Foot Protection, Hand Protection and Eye Protection
		Blunt Trauma	S	3	3	3	9			Eng: N/A	Admin: Safe work Practices, Safe Job Procedures, Training	PPE: Head Protection, Foot Protection, Hand Protection
		Pinch Points	S	1	3	3	7			Eng: N/A	Admin: Safe work Practices, Safe Job Procedures, Training	PPE: Hand Protection
	Driving	Fueling Hazards	S	4	3	1	8	8	3	Eng: Adequate Ventilation, Emergency shut-off systems, Proper lighting	Admin: Safe Job Procedures, Safe work Practices, Training	PPE: Head Protection, Foot Protection, Hand Protection
		Distractions & Communication	S	3	5	3	11			Eng: Seat belt	Admin: Safe Job Procedures, Safe work Practices, Safe driving policy, Training	PPE: N/A
		Wildlife	S	3	2	2	7			Eng: Deer whistles	Admin: Safe Job Procedures, Safe work Practices	PPE: N/A
		Ergonomic Hazards	S	3	4	3	10			Eng: Ergonomic seat and truck cabin	Admin: Adherence to Hours of Service legislation, Frequent breaks	PPE: Hand Protection
		Driver Stress	H	1	2	2	5			Eng: Seat belt	Admin: Adherence to Hours of Service legislation,	PPE: N/A
Fatigue		H	3	2	2	7	Eng: N/A			Admin: Adherence to Hours of Service legislation,	PPE: N/A	
High Traffic Volume		S	2	2	2	6	Eng: Seat belt			Admin: Safe Job Procedures, Safe work Practices	PPE: N/A	
Poor Weather Conditions		S	3	2	3	8	Eng: Properly maintained truck, appropriate tires for season, fog lights, Seat belt			Admin: Safe Job Procedures, Safe work Practices, Training, Safe driving policy	PPE: N/A	

		Night Driving	S	3	2	2	7			Eng: Properly adjusted headlights, seat belt	Admin: Safe Job Procedures, Safe work Practices, Training, Safe driving policy	PPE: N/A
		Speeding	S	3	2	3	8			Eng: Install engine governor, Seat belt	Admin: Safe Job Procedures, Safe work Practices, Training, Safe driving policy	PPE: N/A
		Poor Visibility	S	3	3	3	9			Eng: High-end headlights, Properly maintained vehicle	Admin: Training, Safe driving policy	PPE: N/A
		Dusty Roads	S	3	3	2	8			Eng: Reduced speed on dust – causing roadways	Admin: Training, Safe driving policy	PPE: N/A
		Using Road Flares	S	4	1	2	7			Eng: Manufacturer’s safeguards	Admin: Training, adhere to manufacturer’s safe use guidelines	PPE: N/A
		Trailer Hauling	S	5	3	3	10			Eng: Manufacturer’s safeguards, Ensure proper connection and hook-up prior to journey, Ensure regular maintenance	Admin: Training, adhere to manufacturer’s safe use guidelines, weight limits, etc.	PPE: Hand Protection
Working Alone	Injury / Illness	S	3	3	2	8	8	3	Eng: Communication system, Adequate lighting	Admin: Safe work Practices, Safe Job Procedures, Communication Policy	PPE: Head Protection, Foot Protection, Hand Protection and Eye Protection	
Site Hazards	H2S Exposure	S	4	2	2	8	8	3	Eng: Heat Lamps, Heated Areas	Admin: Safe Job Procedures, Safe work Practices, Training, Policy	PPE: Personal H2S Monitor	
	Noise	H	3	3	4	10			Eng: Low-noise tools and machinery, Well lubricated equipment, Sound barrier where practicable	Admin: Safe Job Procedures, Safe work Practices, Training, Policy	PPE: Hearing Protection	
	Other Contractors	S	2	3	2	7			Eng: Communication system	Admin: Training, Communication policy	PPE: High Vis. Clothing, Foot Protection, Hand Protection, Head Protection	
Mechanical Tasks	Pinch Points	S	2	2	2	6	7	4	Eng: Appropriate lighting, Lockout/Tagout	Admin: Safe Job Procedures, Safe work Practices	PPE: Head Protection, Foot Protection, Hand Protection	
	Moving Parts	S	3	2	3	8			Eng: Manufacturer’s safeguards, Appropriate lighting	Admin: Safe Job Procedures, Safe work Practices	PPE: Head Protection, Foot Protection, Hand Protection	
	Noise	H	3	3	4	10			Eng: Low-noise tools and machinery, Well lubricated equipment, Sound barrier where practicable	Admin: Safe Job Procedures, Safe work Practices, Training, Policy	PPE: Hearing Protection	
	Chemical Exposure	H	2	2	2	6			Eng: Adequate Ventilation	Admin: Safe Job Procedures, Safe work Practices, Whmis	PPE: Head Protection, Foot Protection, Hand Protection, Chemical Gloves, Eye Protection, Coveralls	
	Ergonomic Hazards	H	2	2	2	6			Eng: Appropriately designed equipment, proper hand tools, ergonomic maintenance facility	Admin: Safe Job Procedures, Safe work Practices	PPE: Head Protection, Foot Protection,	

	Exposure to	Dehydration	S	1	3	3	7	7	4	Eng: N/A	Admin: Training, Policy Frequent Breaks	PPE: N/A
		Heat Stress	S	2	3	2	7			Eng: Shaded Areas, A/C Roofing	Admin: Training, Policy Frequent Breaks	PPE: N/A
		Sun Burn	S	1	3	3	7			Eng: Shaded Areas, Roofing, Sunscreen	Admin: Training, Policy Frequent Breaks	PPE: Head Protection, Foot Protection, Hand Protection
		Frostbite	S	3	3	2	8			Eng: Heat Lamps, Heated Areas, Hand warmer	Admin: Training, Policy Frequent Breaks	PPE: Head Protection, Foot Protection, Hand Protection
<b>Overall Risk Factor</b>	Administrative Duties	Ergonomic	H	1	4	1	6	6	5	Eng: Properly designed work space, Ergonomic equipment	Admin: Safe work Practices,	PPE: N/A
<b>7.7</b>	Communication	Ergonomic	H	1	4	1	6	6	6	Eng: Headset for phone, Ergonomic radio equipment	Admin: Safe work Practices – office Safety	PPE: N/A