

Department: Operations & Maintenance	Position: Operator	Prepared Date: August 19, 2022	Revised Date: September 23, 2023
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Instructions: upon reviewing the hazards and applicable hazards associated with tasks - if being reviewed at time of orientation, worker is to complete acknowledgement section of form, if being reviewed for accuracy i.e., annual, post incident, inspection etc., leader assessor and supporting assessor (if applicable) is to be complete the accuracy review section of form. Once completed, please scan to health and safety.

Acknowledgement - Orientation	Accuracy Review
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Date of acknowledgement:	Date of Review:
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Signature acknowledges hazards and the required hazard controls for job position	Print Name	Worker	Print Name	Lead Role	Supporting Role (optional)
	Signature			Signature	

RISK RANKING = PROBABILITY + SEVERITY + EXPOSURE

PROBABILITY 1 NEVER - NEVER GOING TO HAPPEN 2 IMPROBABLE - NOT LIKELY TO HAPPEN 3 REMOTELY PROBABLE - HAZARD VERY RARELY OCCURS 4 PROBABLE - OCCURS OR IS PRESENT OCCASIONALLY 5 VERY PROBABLE - OCCURS OR IS PRESENT FREQUENTLY	SEVERITY 1- MINOR- NO LOST TIME, NO LOSS 2 - MODERATE - MEDICAL AIDS, RESTRICTED WORK, DMG >\$0 3 - SERIOUS - LOST TIME, DMG <\$5,000 4 - VERY SERIOUS - SEVERE INJURY, ACUTE HEALTH EFFECTS, DMG > \$5K 5 - CATASTROPHIC - FATAL, CHRONIC HEALTH, EXTREME DMG >\$25	EXPOSURE 1 - REMOTE - ONCE PER YEAR 2 - INFREQUENT - WEEKLY OR LESS 3 - OCCASIONAL - ONCE PER DAY 4 - FREQUENT - MORE THAN TWICE DAILY 5 - CONTINUALLY - ON A HOURLY BASIS	3-6	LOW RISK
			7-10	MEDIUM RISK
			11-15	HIGH RISK

Task	Existing and/or Potential Hazards	Potential harm	Hazard Health(H) Safety (S)	Probability	Severity	Exposure	Risk Rating (P+S+E)	Hazard Control(s)
Walking to and from the building, walking around worksites, working outside	Slip/trip/falls	Lacerations	S	3	2	2	7	Eng: Handrails on stairs Admin: SWP - housekeeping PPE:
	Trips/fall - ice	Sprain/strains	S	3	2	3	8	Eng: Admin: SWP- ice surface - working on, SWP - ice edging PPE: ice cleat
	Air quality	Coughing, throat irritation, headaches, or shortness of breath	S	2	1	1	4	Eng: Ventilation preventative maintenance program Admin: SWP - air quality PPE: masks - optional
	Heat i.e.. Sun	Heat stroke, heat exhaustion, heat cramps	S	4	2	2	8	Eng: Access to shade Admin: SWP - heat stress, heat stress training, SWP - landscaping PPE: sunscreen

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Task	Existing and/or Potential Hazards	Potential harm	Hazard Health(H) Safety (S)	Probability	Severity	Exposure	Risk Rating (P+S+E)	Hazard Control(s)
Walking to and from the building, walking around worksites, working outside	Insects	Insect bites	S	2	1	1	4	Eng: Admin: SWP - wasps - control of PPE: insect repellent
	Inclement weather - thunderstorms	Lighting - Electrocutation	S	2	1	1	4	Eng: Admin: Emergency response procedure, SWP - landscaping PPE:
	Cold weather	Frostbite	S	3	2	2	7	Eng: Admin: SWP - cold stress, cold stress training, SWP - ice edging, SWP-litter clean up (outside), SWP - shoveling snow, SWP - Zamboni PPE: warm clothing
	Contact with sharps (needles) - blood born pathogens or biohazardous materials	Diseases, illness (acute or chronic)	S	2	1	1	4	Eng: Admin: SWP - housekeeping, exposure plan, SWP - drugs and drug paraphernalia, PPE
Dealing with people (in person, at meetings, internal and external)	Public/Worker Interaction during/after office hours- workplace violence: stranger violence (i.e. robbery, bomb threats, cyber theft etc.), client/customer violence, co-worker violence, violence related to domestic issues	Psychological (flashbacks, nightmares, coping thru avoidance, loss of interest, feeling of guilt, irritability, sleep disorder, hypervigilance, difficulty concentrating)	H	3	1	2	6	Eng: Firewall Admin: Workplace Violence prevention plan, workplace violence training, counselling, emergency response for mental health, shelter in place and lock down, Psychological Directive, personal security procedure, tri leisure e-mails password requirement to change every 90 days PPE:
		Physical (bruises, stabs)	S	2	2	1	5	Eng: Open floor plan, FOP door access Admin: Workplace Violence prevention plan, workplace violence training, SWP - personal security PPE:
	Harassment & bullying	Psychological (flashbacks, nightmares, coping thru avoidance, loss of interest, feeling of guilt, irritability, sleep disorder, hypervigilance, difficulty concentrating)	H	2	1	1	4	Eng: Admin: Harassment prevention plan, harassment prevention training, counselling PPE:
	Mental Stress	Headaches, upset stomach, chronic stress - heart condition, depression,	S	2	1	1	4	Eng: Admin: Adequate assigned work tasks, managing stress training, employee assistance provider PPE:

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		lower back pain						
Dealing with people (in person, at meetings, internal and external)	Handshaking	contracting a pathogen through repeated hand shaking (pathogen - staphylococcus aureus)	H	2	1	1	4	Eng: Admin: Exposure plan, hand sanitizer PPE
	Contact with sick member of public or co-worker (influenza, covid-19)	Illness	H	3	1	1	5	Eng: Vaccinations (optional) Admin: Exposure plan PPE: Masks (optional)
	Worker has a pre-existing medical condition	Illness	H & S	3	1	1	5	Eng: Admin: Emergency response procedure - medical aid, first aiders on shift, first aid kit, emergency response - procedure- mental health PPE
Working on projects, assignments etc. - tight deadlines	Mental Stress	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	H & S	3	1	1	5	Eng: Admin: Psychological Directive, managing stress training PPE:
Manual and material handling - ladder use, grinding, hacksaw, hammer (hand)	Materials falling	Crush/pinch	S	2	1	1	4	Eng: Designated storage areas Admin: SWP - filing and storage PPE:
	Ergonomic - biomechanical associated with material handling of equipment, furniture and supplies including lifting, carrying, pushing, pulling etc.	Repetitive Strain Injuries in and office environment such as neck, back, wrist, and other related issues.	S	2	1	1	4	Eng: Elbow level counters, cart, wheelbarrow Admin: Ergonomic program, ergonomic training, safety lifting training, SWP - cart, SWP - festive decorating, SWP - garbage compactor, SWP - ladder: storage and handling, SWP - ladder: use of portable, SWP - ladder: use of step, SWP - grinding, SWP - hack saw, SWP - hammer (hand), SWP - hedge trimmer, SWP- leaf blower, SWP - maintenance, field end gates, SWP - ice edging, SWP - hockey net (maintenance), SWP - landscaping, SWP - field glass - cleaning, SWP - field glass - replacement, SWP - wheelbarrow PPE:
	Sharp edges - lacerations	Infection, compensation for injured body area by another body part (i.e. using left hand more)	S	2	1	1	4	Eng: Guards, rounded edges Admin: SWP - ergonomics - lifting/carrying manual, SWP- cable, clips and clamping, SWP - festive decorating, SWP - utility knife, SWP - toilet maintenance, SWP - ladder: storage and handling, SWP - ladder: use of portable, SWP - ladder: use of step, SWP - grinding, SWP - hack saw, SWP - hammer (hand), SWP - hedge trimmer, SWP- leaf blower, SWP - maintenance, field end gates, SWP - ice edging,

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Task	Existing and/or Potential Hazards	Potential harm	Hazard Health(H) Safety (S)	Probability	Severity	Exposure	Risk Rating (P+S+E)	Hazard Control(s)
								SWP – hockey net (maintenance), SWP – landscaping, SWP – field glass – cleaning, SWP – field glass - replacement PPE:
	Physical hazards – objects falling from overhead	Compensation for injured body area by another body part (i.e using left hand more)	S	3	2	1	6	Eng: Guards, rounded edges, Admin: SWP – ergonomics – lifting/carrying – manual, SWP – chisel & punch, SWP – festive decorating, SWP – ladder: storage and handling, SWP - ladder: use of portable, SWP – ladder: use of step PPE:
Using chemicals for cleaning etc.	Inhalation issues, topical issues, chemicals entering blood stream and internal organs	Occupational illness (determined by SDS)	H	2	1	1	4	Eng: general ventilation Admin: WHMIS, SDS, SWP – graffiti removal PPE: as required by SDS
Using equipment with energy source – computer, multipurpose printer	Contact with energy source	Struck by/struck against, burns, electrocution, fire	S	2	1	1	4	Eng: Admin: SWP – managing hazardous energy (lock out/tag out), SWP- multipurpose printer, SWP – electricity – working with or near, inspection process, manufacturer warning signage, emergency response procedure, fire extinguisher training, SWP – grinding, SWP – hedge trimmer, SWP – Sawzall (reciprocating saw), SWP – aerial lift, SWP – Zamboni, SWP - UTV PPE:
Using telephone (land line or cell phone)	Stationary position	Musculoskeletal injuries	S	3	2	1	6	Eng: Speaker option Admin: Limited use, SWP-ergonomic – basic office PPE:
	Biohazards – germs for phone	Illness	S	1	1	1	3	Eng: Speaker option Admin: SWP – housekeeping PPE:
Working in building	Internal Fire	Burnt, asphyxiation	S	1	1	1	3	Eng: Fire sprinklers, fire alarms Admin: Emergency response procedure – general evacuation, hot work permit, SWP - grinding PPE:
	External fire (grass catches on fire near building)	Burnt, asphyxiation	S	2	2	1	5	Eng: Admin: Maintenance program of grass around facility PPE:
	Natural disasters (tornadoes, wildfires, floods)	Fatality, internal body injuries	S	2	1	1	4	Eng: Admin: Emergency response procedures PPE:
	Manning operator counter	Physical stress on legs	S	2	1	1	4	Eng: Antifatigue mat, chair Admin: SWP – ergonomic – basic office PPE:
Driving	Vehicle not suited for task	Collision	S	2	2	1	5	Eng: active hazard controls - vehicle features may include: automatic emergency braking, forward collision warning, adaptive cruise control, lane departure warning, lane-keeping assistance and blind spot monitoring, passive hazard control – seat belt

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								Admin: Journey Management Directive, SWP – vehicle use PPE:
Driving	(road conditions) – weather conditions i.e. fog, snow, ice, heavy rain, sun in eyes	Collision	S	3	2	2	7	Eng: active hazard controls - vehicle features may include: automatic emergency braking, forward collision warning, adaptive cruise control, lane departure warning, lane-keeping assistance and blind spot monitoring, passive hazard control – seat belt Admin: Journey Management Directive, SWP – vehicle use PPE:
		Fatigue	H	3	2	2	7	Eng: Admin: Psychological Directive, SWP – vehicle use PPE:
		Mental Stress	H&S	3	1	1	5	Eng: Admin: Psychological Directive, SWP – vehicle use PPE:
Driving	(road conditions)– high traffic volume on the route i.e. potential for aggravation	Mental Stress	H&S	3	1	1	5	Eng: Admin: Psychological Directive, SWP – vehicle use PPE:
Driving	(road conditions) – road maintenance and construction activity while on road	Mental Stress	H&S	4	1	1	6	Eng: Admin: Psychological Directive, SWP – vehicle use PPE:
Driving	(driver) – worker doesn't have the required licensing for the class of vehicle	Collision	S	2	1	1	4	Eng: active hazard controls - vehicle features may include: automatic emergency braking, forward collision warning, adaptive cruise control, lane departure warning, lane-keeping assistance and blind spot monitoring, passive hazard control – seat belt Admin: Journey Management Directive, SWP – vehicle use PPE:
Driving	(driver) – worker is too tired to travel	Collision	S	3	1	1	5	Eng: active hazard controls - vehicle features may include: automatic emergency braking, forward collision warning, adaptive cruise control, lane departure warning, lane-keeping assistance and blind spot monitoring, passive hazard control – seat belt Admin: Journey Management Directive, SWP – vehicle use PPE:
Driving	(driver) – worker is too sick to drive	Collision	S	3	1	1	5	Eng: active hazard controls - vehicle features may include: automatic emergency braking, forward collision warning, adaptive cruise control, lane departure warning, lane-keeping assistance and blind spot monitoring, passive hazard control – seat belt Admin: Journey Management Directive, SWP – vehicle use PPE:
Driving	(driver) – worker is too stressed or distracted to focus on driving i.e. from having to make up time, passengers in vehicle etc.	Collision	S	3	1	1	5	Eng: active hazard controls - vehicle features may include: automatic emergency braking, forward collision warning, adaptive cruise control, lane departure warning, lane-keeping assistance and blind spot monitoring, passive hazard control – seat belt Admin: Journey Management Directive, SWP – vehicle use PPE:
Driving	Driving on a variety of road surfaces throughout the year. – mechanical breakdown	Mental Stress	H	3	1	1	5	Eng: Admin: Psychological Directive, SWP – vehicle use PPE:

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		Collision	S	3	2	1	5	Eng: active hazard controls - vehicle features may include: automatic emergency braking, forward collision warning, adaptive cruise control, lane departure warning, lane-keeping assistance and blind spot monitoring, passive hazard control – seat belt Admin: Journey Management Directive, SWP – vehicle use PPE:
Detail work process hazards, risk rating and controls are in applicable work process formal hazard assessment								

Recommended Additional Control(s) Required

Hazard	Types of Control(s) Required	Person Responsible	Target Date	Date of Completion

Hazard Control

If the hazards cannot be **eliminated** as close to where the problem is created as possible, reduce the risk of exposure to the hazard by:

Engineering

- Substitution
- Redesign of workplace
- Isolation/closed processes
- Automation/material handling devices
- Ventilation (general dilution/local exhaust)
- Purchasing criteria (tools/equipment etc.
- Storage
- Air monitoring

Administrative

- Policies/practices/procedures
- Work/rest schedules
- Limiting hours of work
- Scheduling/rotation of exposed workers
- Wet methods as opposed to dry sanding or sweeping
- Training
- Organizing and planning work

Personal Protective Equipment

- Eye/face protection
- Head protection
- Foot protection
- Hearing protection
- Respiratory protective equipment
- Fall protection
- Protective clothing/Gloves

Or a **combination** of any of the three above