

<b>Department:</b> Aquatics	<b>Position:</b> Aquatic Operation Coordinator	<b>Prepared Date:</b> June 18, 2023	<b>Revised Date:</b> October 21, 2024
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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 complete the accuracy review section of form. Once completed, please scan to health and safety.

Acknowledgement - Orientation		Accuracy Review		
<b>Date of acknowledgement:</b>		<b>Date of Review:</b>		
Signature acknowledges hazards and the required hazard controls for job position	Print Name	<b>Worker</b>	Print Name	<b>Lead Role</b>
	Signature			

**RISK RANKING = PROBABILITY + SEVERITY + EXPOSURE**

<b>PROBABILITY</b> 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	<b>SEVERITY</b> 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	<b>EXPOSURE</b> 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	Slip/trip/falls	Lacerations,	S	3	2	4	9	Eng: Handrails on stairs Admin: SWP - housekeeping PPE:
	Trip/fall	Fall in water, drowning	S	3	2	4	9	Eng: Admin: Limited persons on deck, SWP - housekeeping PPE:
	Air quality	Coughing, throat irritation, headaches, or shortness of breath	S	3	2	3	8	Eng: Ventilation preventative maintenance program Admin: SWP - air quality PPE: masks - optional
	Fungus	Plantar warts	S	3	2	2	7	Eng: Admin: PPE: Deck shoes

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Walking to and from the building, walking around worksites	Contact with sharps (needles) – blood born pathogens or biohazardous materials	Diseases, illness (acute or chronic)	S	3	2	4	9	Eng: Admin: SWP – housekeeping, exposure plan, SWP – drugs and drug paraphernalia PPE: Gloves, protective footwear
	Noise from patrons	Fatigue impairment	H	3	1	3	7	Eng: sound baffles Admin: Fatigue impairment procedure, noise exposure testing PPE:
	Humidity	Heat stress	S	5	1	5	11	Eng: humidity monitor Admin: breaks heat stress training PPE:
		Fatigue impairment	H	3	1	3	9	Eng: humidity monitor Admin: breaks, fatigue impairment procedure PPE:
	Exposure to chloramines (emphasizes on trichloramines)	Acute Respiratory tract irritation which may include coughing, wheezing, shortness of breath, chest tightness) and/or eye irritation	H	5	2	5	12	Eng: ventilation (AHU-1), fans Admin: Exposure plan – chloramines, acknowledgement of exposure plan, chloramine exposure training PPE
		Chronic Occupational asthma	H	5	2	5	12	Eng: ventilation (AHU-1), fans Admin: Exposure plan – chloramines, acknowledgement of exposure plan, chloramine exposure training PPE
	Carbon dioxide leak	Respiratory issue	S	3	1	3	7	Eng; Alarm Admin: Carbon dioxide exposure plan, Carbon dioxide emergency response plan, emergency response training PPE
	Chlorine leak	Respirator issue	S	3	2	3	8	Eng: Chlorine bottle in secured location outside of building Admin: Chlorine exposure plan, chlorine emergency response plan, emergency response training PPE: SCBA
	Items thrown from over top of viewing area	Lacerations	S	3	2	2	7	Eng: Admin: SWP housekeeping PPE:

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Dealing with people (in person, at meetings, internal and external, teaching, staff evaluations, audits)	Public/Worker Interaction during/after office hours– workplace violence: stranger violence (i.e. robbery, bomb threats 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	4	2	2	8	Eng: Workplace Violence prevention plan, workplace violence training, counselling, emergency response for mental health, shelter in place and lock down, mental health well-being directive, personal security PPE:
		Physical (bruises, stabs)	S	2	3	2	7	Eng: Open floor plan, FOP door access Admin: Workplace Violence prevention plan, workplace violence training, SWP – personal security PPE:
Dealing with people (in person, at meetings, internal and external, teaching, staff evaluations, audits)	Harassment & bullying	Psychological (flashbacks, nightmares, coping thru avoidance, loss of interest, feeling of guilt, irritability, sleep disorder, hypervigilance, difficulty concentrating)	H	4	2	3	9	Eng: Harassment prevention plan, harassment prevention training, counselling PPE:
	Mental Stress	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	H & S	4	2	2	8	Eng: Adequate assigned work tasks, managing stress training, employee assistance provider PPE:
	Handshaking	contracting a pathogen through repeated hand shaking (pathogen – staphylococcus aureus)	H	4	1	2	7	Eng: Exposure plan, hand sanitizer PPE:

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	Contact with sick member of public or co-worker (influenza, covid-19, lice, fleas, impetigo)	Illness	H	4	2	2	8	Eng: Vaccinations (optional) Admin: Exposure plan PPE: Masks (optional)
	Bodily fluids (i.e. blood, urine, feces, vomit)	Illness	H & S	3	1	3	7	Eng: Admin: Exposure plan, SWP – first aid - administering PPE: Gloves, protective footwear, masks
	Worker has a pre-existing medical condition	Illness	H & S	3	1	2	6	Eng: Admin: Emergency response procedure – medical aid, first aiders on shift, first aid kit, emergency response – procedure- mental health PPE
	Feeling of disconnect with team	Mental stress	H	4	1	1	6	Eng: Admin: social well-being directive, employee assistance provider, mental well-being directive PPE:
Working on projects, assignments which may or may not include people	Mental Stress and/or physical stress – unable to control the way one does the work	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	H & S	5	1	3	9	Eng: Admin: Mental health well-being directive, managing stress training PPE:
	Mental Stress and/or physical stress – not receive enough information and support	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	H & S	5	1	3	9	Eng: Admin: Mental health well-being directive, managing stress training PPE:
	Mental Stress and/or physical stress – having trouble with relationships at work	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	H & S	5	1	3	9	Eng: Admin: Mental health well-being directive, managing stress training PPE:
	Mental Stress and/or physical stress – don't fully understand role and responsibilities	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	H & S	5	1	3	9	Eng: Admin: Mental health well-being directive, managing stress training PPE:

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	Mental Stress and/or physical stress – not engaged in change management	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	H & S	5	1	3	9	Eng: Admin: Mental health well-being directive, managing stress training PPE:
	Mental Stress and/or physical stress – having trouble with relationships at work	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	H & S	5	1	3	9	Eng: Admin: Mental health well-being directive, managing stress training PPE:
May occasional lifeguard when required – monitoring of pool	Mental Stress	Headaches, upset stomach, chronic stress - heart condition, depression, lower back pain	H	5	1	3	9	Eng: Admin: Minimum 2 guards on duty, limited capacity in pool (signage), limited time on deck while on duty PPE:
	Fatigue impairment	Reduction in alertness and vigilance	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting, Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
		Reduction in reaction time and the ability to react properly	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting, Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
		Reduction in memory and recall	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting, Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
		Reduction in ability to make effective and/or quick decisions	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting, Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
		Reduction in information processing	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting, Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:

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		Reduction in effective communication	H & S	5	1	5	11	Eng: Sound baffles, adequate lighting, Admin: Shift schedules, and rotations, education, shifts between 6am and 10 pm PPE:
Filing and Storage of supplies and materials	Filing cabinet falling	Crush/pinch	S	3	1	2	6	Eng: Filing cabinets secured. Admin: SWP – filing and storage PPE:
	Material/objects falling	Struck by/struck against injuries	S	3	2	1	2	Eng: Designated storage areas Admin: SWP – filing and storage PPE:
		Crush/pinch	S	3	1	2	6	Eng: Designated storage areas Admin: SWP – filing and storage PPE:
Filing and Storage of supplies and materials	Awkward position	Musculoskeletal injuries	S	4	2	2	8	Eng: Counters at elbow level, carts Admin: SWP – ergonomic – lifting/carrying manual, safe lifting training, ergonomic training, SWP - carts PPE:
Using chemicals for cleaning etc.	Inhalation issues, topical issues, chemicals entering blood stream and internal organs	Chemical irritants or occupational illness (determined by SDS)	H & S	3	2	2	7	Eng: Chlorine alarm, Restricted access to chlorine bottle room, ventilation Admin: WHMIS training, SDS, SWP – chlorine bottle change PPE: as determined by SDS which may include gloves, protective footwear, Tyvek suit, safety goggles/glasses
Using telephone (land line or cell phone)	Stationary position	Musculoskeletal injuries	S	5	1	4	10	Eng: Speaker option Admin: Limited use, SWP-ergonomic – basic office PPE:
	Biohazards – germs for main pool phone	Illness	S	3	1	2	6	Eng: Speaker option Admin: SWP – housekeeping PPE:
Using equipment with energy source – computer, multipurpose printer	Contact with energy source	Struck by/struck against, burns, electrocution, fire	S	2	2	2	6	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 PPE:
Computer use – data entry, programming	Repetition	Musculoskeletal injuries (high computer use)	S	5	2	5	12	Eng: Two monitors, ergonomic keyboard, ergonomic chair, ball chair, foot stool Admin: Limited computer use, SWP – basic office PPE:
	Inadequate lighting	Eye strain	S	4	2	5	11	Eng: Open workstation, lights Admin: Variety in tasks PPE:
Manual & material handling [lifting, pushing, pulling etc.] of	Repetition	Musculoskeletal injuries	S	4	1	3	8	Eng: Elbow level counters, carts

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items (i.e., paper, manual office equipment swimming lesson material)								Admin: Ergonomic program, ergonomic training, safety lifting training, SWP - carts, SWP - festive decorating PPE:
	Awkward or sustained position	Musculoskeletal injuries	S	4	1	3	8	Eng: Elbow level bench, carts Admin: Ergonomic program, ergonomic training, safety lifting training, SWP - cart, SWP - festive decorating PPE:
	Force – excessive, compression and/or impact	Musculoskeletal injuries	S	4	1	3	8	Eng: Elbow level bench, carts Admin: Ergonomic program, ergonomic training, safety lifting training, SWP - cart, SWP - festive decorating PPE:
	Sharp edges - lacerations	Infection, compensation for injured body area by another body part (i.e. using left hand more)	S	3	2	2	7	Eng: Guards, rounded edges Admin: SWP – ergonomics – lifting/carrying manual, SWP – festive decorating PPE:
	Body parts -caught in or between items - pinch, crush	Compensation for injured body area by another body part (i.e using left hand more)	S	3	2	2	7	Eng: Guards, rounded edges, Admin: SWP – ergonomics – lifting/carrying - manual, SWP – festive decorating PPE:
Social events – potluck	Hot surfaces	Burns	S	3	2	1	6	Eng: Admin: SWP - potluck PPE: oven mitts
	Contaminated food	Food poisoning	S	3	2	1	6	Eng: Admin: SWP - potluck PPE:
Working in building	Internal Fire	Burnt, asphyxiation	S	2	3	1	6	Eng: Fire sprinklers, fire alarms Admin: Emergency response procedure – general evacuation PPE:
	External fire (grass catches on fire near building)	Burnt, asphyxiation	S	2	3	1	6	Eng: Admin: Maintenance program of grass around facility PPE:
	Electrical failure causing no lighting in building	Struck by/struck against injuries	S	3	1	1	5	Eng: Emergency lighting Admin: Emergency response procedure PPE:
	Natural disasters (tornadoes, wildfires, floods)	Fatality, internal body injuries	S	3	4	1	8	Eng: Admin: Emergency response procedures PPE:
Driving	Vehicle not suited for task	Collision	S	3	3	1	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:

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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)
	(road conditions) – weather conditions i.e. fog, snow, ice, heavy rain, sun in eyes	Collision	S	3	4	2	9	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&S	3	4	2	9	Eng: Admin: Psychological Directive, SWP – vehicle use PPE:
		Mental Stress	H&S	3	3	2	8	Eng: Admin: Psychological Directive, SWP – vehicle use PPE:
	(road conditions)– high traffic volume on the route i.e. potential for aggravation	Mental Stress	H&S	2	1	2	5	Eng: Admin: Psychological Directive, SWP – vehicle use PPE:
	(road conditions) – road maintenance and construction activity while on road	Mental Stress	H&S	2	1	2	5	Eng: Admin: Psychological Directive, SWP – vehicle use PPE:
	(driver) – worker doesn't have the required licensing for the class of vehicle	Collision	S	1	1	1	3	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:
	(driver) – worker is too tired to travel	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 Admin: Journey Management Directive, SWP – vehicle use PPE:
	(driver) – worker is too sick to drive	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 Admin: Journey Management Directive, SWP – vehicle use PPE:
	(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	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 Admin: Journey Management Directive, SWP – vehicle use PPE:
Driving	Driving on a variety of road surfaces throughout the year. – mechanical breakdown	Stress	H	2	2	1	5	Eng: Admin: Psychological Directive, SWP – vehicle use PPE:
		Collision	S	3	2	2	7	Eng: active hazard controls - vehicle features may include: automatic emergency braking, forward collision warning, adaptive cruise control,



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								lane departure warning, lane-keeping assistance and blind spot monitoring, passive hazard control – seat belt Admin: Journey Management Directive, SWP – vehicle use PPE:
Due to the diversity in tasks/activities performed, refer to the work process hazard assessment for hazards, risk rating and controls are located for following tasks/activities								
Paper cutter	Administering first aid	Chlorine bottle changes	SCBA use					
Lifeguarding	Calibrate Chemtrol	Calibrate probes	Multipurpose printer					
Holiday decorating	Volunteering for Salvation Army Christmas kettle							
<b>When performing shut down</b>								
Securing swimming pool deck perimeter	Securing swimming pool deck perimeter	Securing swimming pool deck perimeter	Securing swimming pool deck perimeter					
Chrome- cleaning	Chrome- cleaning	Chrome- cleaning	Chrome- cleaning					
Cleaning equipment	Cleaning equipment	Cleaning equipment	Cleaning equipment					
Cleaning pool basin – pool pit	Cleaning pool basin – pool pit	Cleaning pool basin – pool pit	Cleaning pool basin – pool pit					
Cleaning slides and slide stairs	Cleaning slides and slide stairs	Cleaning slides and slide stairs	Cleaning slides and slide stairs					

**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

**Workers** have an obligation to report to leadership a concern about an unsafe or harmful work site act that occurs or has occurred or an unsafe or harmful work site condition that exists or has existed