



Western

# JOB HAZARD ANALYSIS - Task Specific

NEW

REVISED

**WORKPLACE TASK TO BE ANALYSED**

Swimming Pool or Therapeutic Spas Chemical Mixing

**DEPARTMENT**

Facilities Management

**WESTERN JOB CLASSIFICATION\***

Caretaker

**REQUIRED EQUIPMENT AND/OR PERSONAL PROTECTIVE EQUIPMENT**

Safety shoes, appropriate gloves, mask, eye protection, aprons where required, personal floatation device

**WESTERN HAZARD CATEGORY\***

Energy/Chemical/Ergonomic Hazards

**HAZARD TYPE\***

Electricity/Chemical Asphyxiant or Carcinogen/  
Awkward Posture, Repetative Strain

**LOSS POTENTIAL RATING\***

High/ Moderate

\*refer to Stantec Specific Job Report

**DATE:**

March 17, 2021

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**REVIEWED BY:**

Building Managers

**MGMT APPROVAL:**

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**SEQUENCE OF TASK**

Assess and prepare equipment and chemical mixture

**POTENTIAL HAZARDS**

- a) Back injury
- b) Overexertion strain
- c) Slip, trip, fall

**ACTION OR PROCEDURE**

- a) Assess and inspect equipment such as pail or bucket do not exceed weight restrictions when lifting products.
- b) Do not exceed weight restrictions when lifting products.
- c) Staff to watch proper footing and pedestrian traffic around them with caution to work environment awareness. Leave wet floor signs in position where spillage occurs, use barriers and signage and, if possible, close area until floor is cleaned and dry.

	<p>d) Exposure to chemical - absorption, inhalation, ingestion, asphyxiation, irritation, breathing or vision difficulty</p> <p>e) Electrical contact/shock</p> <p>f) Chemical burns</p> <p>g) Other toxicological effects</p>	<p>d) Where chemical cannot be purchased premixed, Caretakers must safely mix any chemical to be used. Avoid spillage, mix chemicals as to proper dilution per MSDS sheet and manufacturer's guidelines. Also see product labels and Caretaking manual. Follow WHMIS procedures for decanting products into pails and proper labeling. Ensure adequate ventilation through opening of windows, fans, exhaust fans, opening of doors and while safely protecting environment and neighbouring office or public spaces. Ensure signage is displayed regarding entrances for chemical storage per any applicable Provincial or Federal Regulations.</p> <p>e) Avoid splashing and control any water hoses so that any powered equipment, electrical cords, and receptacles are not exposed to contact.</p> <p>f) Wear gloves and other personal protective equipment.</p> <p>g) Refer to MSDS sheets for product as to other precautions.</p>
Weight restrictions for Caretakers to be observed	Over exertion strain injury	See job descriptions 30kg/65lbs regular lifting and intermittent lifting of 41kg/90lbs caretaker
Assign appropriate staff	Over exertion strain injury	Lead Caretaker and/or Supervisor organize crew to job requirements Re-instruct staff as required as to safe ergonomic operation to avoid repetitive injuries if area is to be manually cleaned