

NEW

× **REVISED**

WORKPLACE TASK TO BE ANALYZED

Refilling of Wet Cell Batteries

DEPARTMENT

Facilities Management

WESTERN JOB CLASSIFICATION*

Caretakers

REQUIRED EQUIPMENT AND/OR PERSONAL PROTECTIVE EQUIPMENT

WESTERN HAZARD CATEGORY*

HAZARD TYPE*

LOSS POTENTIAL RATING*

*refer to Stantec Specific Job Report

DATE:

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Building Managers

MGMT APPROVAL:

Chris Bumbacco

SEQUENCE OF TASK

POTENTIAL HAZARDS

ACTION OR PROCEDURE

Fill with distilled water to appropriate level mark

chemical burns

Use distilled or demineralized water in a battery. Fill each cell to level indicator. Fluid level indicators lines or to cap level will vary per battery manufacture so read battery labels or manufacturer's info or consult Motor Shop. Do not overfill the battery cell.

Close caps and close compartment.

chemical burns

Do not over fill and spill on floor.

Batteries boiling over or substantial overflow

burns, irritation

Call Motor Shop immediately and do not operate equipment, secure and render equipment safe and tag out of service.

Operation of equipment

burns, irritation

Always run equipment with caps closed and water at indicator levels. Open caps will cause spillage and running at low water level will cause excessive sulphuric gas to be produced and may damage batteries. This could create potential for failure or explosive force inside the cells.