

## Safe Work Procedures Centrifugal Pump Maintenance

Title

Approved By: PW Director

Date Approved:
Date JWHSC Approved: Review
Revision Date: 3 Years

2300-001

## **Required Personal Protective Equipment**

- CSA Grade 1 Safety Boots
- CSA Safety Glasses
- Coveralls
- Gloves

| Sequence of Basic Job<br>Steps   | Potential Accidents or<br>Hazards           | Safe Job Procedure   |  |
|--|---|--|--|
| Observe, using visual, sound and smell indications for abnormal pump conditions. | Slips, falls, exposure to spilled material. | Follow Lock Out/Tag Out before maintenance work is started.                      |  |
|  |   | Ensure Piping is valved off and isolated.  |  |
| Check mounting bolts and nuts: tighten as required.                              | Scrapes or falls.                           | Use proper tools and follow<br>the equipment maintenance<br>manual instructions. |  |
| Observe the amount of leakage from the packing glands.                           | Scrapes, entanglement in moving equipment.  | Follow Lock Out/Tag Out before maintenance work is started                       |  |
| Tighten as required  |   | Use proper tools and follow<br>the equipment maintenance<br>manual instructions. |  |
| Check pumps alignment, following suppliers procedure.                            | Scrapes, injury from moving equipment.      | Follow Lock Out/Tag Out     before maintenance work is     started               |  |
|  |   | Use proper tools and follow<br>the equipment maintenance<br>manual instructions. |  |
| Check lubricant level and replenish as required.                                 | Scrapes, spills of lubricant.               | Follow correct procedures for checking lubricant levels and adding lubricant.    |  |
|  |   | Report all maintenance performed.  |  |
|  |   | Report all deficiencies to supervisor.   |  |

| Workers Signature | : <u></u> |
|-------------------|-----------|
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| Supervisor Signatur <u>e</u> |  |  |
|------------------------------|--|--|
| 1 0                          |  |  |
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