

MAINTENANCE SCHEDULE FOR (ENTER ADDRESS): PUMP-OUT SYSTEM(S)

NOTE:

- 1. Where a pump out system is functioning as a detention facility, please also refer to the sample maintenance schedule for below ground OSD tanks.*
- 2. Please contact the manufacturer of the pump out system to obtain any specific maintenance instructions.*

Maintenance Inspections

A maintenance schedule includes these types of inspections:

- Routine maintenance
- Routine inspections
- Three-month inspections
- Annual inspections

Shorten the inspection intervals appropriately if the pumped fluid is abrasive or corrosive or if the environment is classified as potentially explosive.

Routine Maintenance

Perform these tasks whenever you perform routine maintenance:

- Lubricate the bearings.
- Inspect the seal.

Routine inspections

Perform these tasks whenever you check the pump during routine inspections:

- Check the level and condition of the oil through the sight glass on the bearing frame.

- Check for unusual noise, vibration, and bearing temperatures.
- Check the pump and piping for leaks.
- Analyze the vibration.
- Inspect the discharge pressure.
- Inspect the temperature.
- Check the seal chamber and stuffing box for leaks.
- Ensure that there are no leaks from the mechanical seal.
- Adjust or replace the packing in the stuffing box if you notice excessive leaking.

Three-month inspections

Perform these tasks every three months:

- Check that the foundation and the hold-down bolts are tight.
- Check the packing if the pump has been left idle, and replace as required.
- Change the oil every three months (2000 operating hours) at minimum.
- Change the oil more often if there are adverse atmospheric or other conditions that might contaminate or break down the oil.
- Check the shaft alignment, and realign as required.

Annual inspections

Perform these inspections one time each year.

- Check the pump capacity.
- Check the pump pressure.
- Check the pump power.

If the pump performance does not satisfy the design requirements as stipulated in the approved plans (and the requirements have not changed), then perform these steps:

1. Disassemble the pump.
2. Inspect it.
3. Replace worn parts

All persons to access and maintain the Pump-out system must adequately be accredited by the WorkCover Authority of NSW, have certification in accordance with the Occupational Health and Safety Act (1983) and completed training for works within a Confined Space.

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