INDIANA

TOOLKIT

Pollution prevention guidance for businesses.

Pollution Prevention & Parts Washers

☑ Checklist

Background

This checklist serves as a resource for implementing the best management practices for parts washers. Implementing these management practices will increase efficiency and product lifespan and reduce equipment failure, wastewater, and hazardous waste to save your business money and improve environmental impact.

Before parts washing:

✓Switch to aqueous/water-based cleaning solutions

Consider solvents with low Volatile Organic Compounds (VOCs) emissions.

✓Only wash parts when necessary

- Determine if parts need to be cleaned

✓Only change cleaning solution when necessary

- Change based on cleaning ability, not color

✓Batch parts to reduce cycles

✓Avoid overloading the tanks

Parts with dirt, oil and other residue should be cleaned in a parts washer.

✓Pre-cleaning parts

Reusable absorbents like rags, wipes and towels could be washed in-house or through a washing service to reduce waste from single use absorbents.

See Title 326 Indiana Administrative Code (IAC) 8-3-2 for information on the regulatory requirements for parts washing.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Parts Washer Regulatory Requirements

Title 326 Indiana Administrative Code (IAC) requires that the owner or operator of parts washers comply with the following:

1| Close the parts washer cover wheneverparts are not being handled in the parts washer.

2| Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases.

3| Store waste solvent only in closed containers.

4| Prohibit the disposal or transfer of waste solvent in a manner that would allow greater than twenty percent (20%) of the waste solvent by weight to evaporate into the atmosphere.

*This sign must be visible near parts washers.

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IDEM

For more information on pollution prevention strategies, visit idem.IN.gov/prevention.

The actions outlined do not replace or ensure compliance with regulatory standards set by the Indiana Department of Environmental Management (IDEM). If regulatory or compliance assistance is needed, refer to IDEM's **Compliance and Technical Assistance Program (CTAP)**.

Pollution Prevention Parts Washer Checklist

After part washing:

✓Clean out sludge and solids from tank using a skimmer or filter

Treat all sludge, and spent solvents as potentially hazardous waste, ensuring proper disposal.

✓Drain parts over washer

✓Keep washer lid closed when not in use and away from heat and drafts

BMPs for parts washer encourages using water-based cleaners and scrubbing parts to remove oil, grease and grime.

Micro-parts that are draining in a basket after going through a parts washer.

Maintenance:

✓Routinely inspect equipment, cleaning stations, and containers

- Check for and repair leaks
- Check for and replace faulty seals
- Check for oily residue, clarity, and odor

✓pH test: Use low-cost pH tests to monitor water-based cleaning solution effectiveness by evaluating acidity and alkalinity and prevent corrosion.

Low-cost pH tests can help monitor water-based cleaning solution effectiveness – acidity vs. alkalinity.

Reusable absorbents help reduce waste.

Resources

IDEM's Compliance and Technical Assistance Program (CTAP) is a free and confidential service available to all Indiana businesses and regulated entities for on-site and remote assistance. Contact **CTAP** at **(317) 232-8172** or use the CTAP Portal to submit a request for confidential regulatory and technical assistance. For more information, visit idem.IN.gov/CTAP.

For more information on pollution prevention strategies, visit idem.IN.gov/prevention.

More cleaning solution alternative tools can be found at: www.turi.org/tools