



Environmental Compliance Division
Pollution Prevention Measures for Oilfield Industries

Reasons to implement waste reduction programs.

1. Reduce operation costs
2. Reduce waste disposal costs
3. Reduce long-term liability
4. Help sustain environmental quality
5. Improve workplace safety and employee health
6. Project a positive public image

These are measures that may help you reach these benefits.

Cleaning of Parts

1. Catch excess cleaning fluid and reuse whenever possible.
2. Ensure that wastewater from cleaning process goes through proper treatment.
3. Ensure that storm water does not enter the cleaning area.
4. Use environmentally safe cleaners when possible.
5. Wipe down and/or scrape off equipment before washing.
6. Have unusable cleaners properly disposed of as soon as possible.

Cleaning of Vehicles

1. Make sure storm water does not enter wash area.
2. Use environmentally safe cleaners.
3. Ensure that wastewater goes through proper treatment.
4. Monitor and secure wash area to ensure that there are no illegal discharges.

Painting of Parts

1. Use water base materials when possible.
2. Perform painting in enclosed booths.
3. Use electrostatic spray systems, air assisted airless spray guns, reduced air pressure in the coating system, or brushes to apply coatings.
4. Small amounts of unused paint can be added to primers.

Training of Personnel

1. Train personnel in pollution prevention and waste management practices.
2. Train personnel to consistently follow proper operations and maintenance practices.



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3. Re-Train personnel periodically.
4. Provide operating instructions that are readily available.

Material Storage and Handling

1. Use inventory control so that material does not exceed shelf life and it is used on a first in first out basis.
2. Control the storage conditions so that they are not subject to heavy traffic.
3. Segregate stored materials to prevent cross-contamination and reactions in case of spill.
4. Have storage area covered.
5. Keep stored materials in contained area.
6. Provide space between rows of stored drums and around tanks to allow for easy visual inspection.
7. Minimize all obsolete materials.
8. Use catch pans whenever possible to minimize waste.
9. Contract with a reputable dealer to get rid of waste.

Manufacturing of Parts

1. Use catch pans for cutting oil so that it can be reused or recycled.
2. Use environmentally safe cutting oil if possible.
3. Have all metal chips and scrap metal recycled.

Housekeeping

1. Keep storage and work areas clean and all containers properly labeled.
2. Keep accurate records of material usage.
3. Have all containers covered to prevent evaporation and spillage.
4. Try to find multipurpose solvents.
5. Keep spill cleanup kits available.
6. Emphasize dry cleanup to reduce amount of wastewater discharge.