

## SOURCE CONTROL BMPs

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### AIRCRAFT, GROUND VEHICLE AND EQUIPMENT MAINTENANCE & REPAIR

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**DESCRIPTION:**

Prevent or reduce the discharge of pollutants to stormwater from aircraft, vehicle, and equipment maintenance and repair

**TARGETED ACTIVITIES:**

Aircraft Maintenance, Aircraft Painting/Stripping, Ground Vehicle Maintenance, Equipment Maintenance

**APPROACH:**

- \* Maintain clean equipment; eliminate excessive amounts of external oil and grease buildup.
- \* Use drip pans or absorbent at potential problem areas.
- \* Use appropriate vehicle maintenance facilities (indoors where feasible) to perform maintenance, oil changes, and lubrication.
- \* Drain and crush oil filters before recycling or disposal.
- \* Clean any catch basins which receive runoff from a maintenance area on a regular basis and especially after larger storms.
- \* Use dry sweeping compound - dispose of residue properly.
- \* Attempt to store mechanical parts and equipment under cover.
- \* Drain all fluids and remove batteries from salvage aircraft, vehicles, and equipment.
- \* Recycle or properly dispose of the following: greases, oils, antifreeze, brake fluid, cleaning solutions, hydraulic fluid, batteries, transmission fluid, and filters.
- \* Use recycled products and substitute materials with less hazardous properties where feasible.

**REQUIREMENTS:**

- \* Capital and O&M costs should be low but will vary depending on the size of the facility.
- \* Maintenance costs should be low.

**LIMITATIONS:**

- \* Size, space and time limitations may preclude all work being performed indoors.
  - \* Identification of engine and equipment leakage points may require the use of solvents to remove external accumulations of oily grime.
  - \* Spills and leaks occurring after normal work hours may not be immediately mitigated.
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