

Date Prepared 9/2004  
Prepared By P. Watt  
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**BMP Automotive #24**

**TITLE:** Motor Vehicle Air Conditioner (MVAC) Refrigerant Management

**Regulatory Citation:** 40 CFR 82 Subpart F

**Applicability:** motor vehicle air conditioner servicing

**Purpose:** Proper management and disposal of ozone depleting refrigerants.

**Person or**

**Department Responsible:** Automotive Department Chair (629-7272)

**Schedule:** As needed

**Procedure:** The Automotive Department will review all recycling equipment and ensure compliance with all regulations regarding Ozone Depleting Chemicals (ODCs). Only the minimal amount of ODCs necessary will be present in the Automotive Laboratory. In particular, the Automotive Department will ensure that:

- All instructors who will repair or service CFC-12 or HFC-134a MVACs are properly EPA certified (a copy of certificates for all EPA certified instructors will be forwarded to the Director of Environmental Health and Safety;
- No ODC is knowingly released into the atmosphere while maintaining, servicing, repairing or disposing of air conditioning motor vehicle equipment; (refrigerant is not shipped from the Automotive Department but is recovered and used in vehicle air conditioning units on site).
- All recover/recycle or recover equipment used to repair or service MVACs has been approved by the EPA.
- Equipment will not be retrofitted for use for CFC-12 and then for HFC-134a. The Automotive department has determined that it will only work with vehicle air conditioning systems containing R 134.
- A MVAC Recover/recycle or Recover Equipment Certification form has been filed with the EPA Regional office for all refrigerant recovery equipment owned by the Automotive department
- Students working on MVAC refrigerants are supervised by a EPA certified instructor

- All Automotive teaching programs are apprenticeship programs certified by the NATEF

**Record keeping:** Instructor EPA Certification  
Equipment Certification Form  
NATEF program certification

**Record Location:** Original at Automotive Department, copy to EHS

**Contact:** Director of Environmental, Health and Safety (629-7163)  
Department Chair (629-7272)

HVCC-BMP-Automotive #24 MVACs  
<http://www.epa.gov/ozone/title6/609/justfax.html>