

Army Ozone-Depleting Substances (ODS) Turn-in Procedures

1. Procedures

a. Authorization is required from the item manager and the Environmental Support Office (SAAL-ODS) before turning in a weapon system fire suppression system compressed gas cylinder to the Army ODS Reserve.

b. Recovery cylinders are available for one cent each through the Defense Logistics Agency (DLA) Aviation for use in turning in ODS turned to the ODS Reserve. The Military Standard Requisition and Issue Procedure (MILSTRIP) is used to requisition the ODS recovery cylinders. The DLA preferred method for your input of a requisition (sales order) into the supply system is through EMALL, but requisitions can be phoned in to DLA Customer Interaction Center. The Center is available 24 hours a day at DSN 661-7766 or COMM toll free (877) 352-2255 (877-DLA-CALL) to answer questions concerning MILSTRIP and requisition status. The DLA cylinders used for recovering CFC refrigerants are painted orange, and Halons are painted red. Both have yellow tops and dual port (two valves) to distinguish them from single port valve standard specialty gas cylinders.

c. All ODS containers returned to the ODS Reserve must be packaged and labeled in compliance with Department of Transportation (DOT) regulations and have the following:

- 1) The shippers DoD Activity Address Code (DoDAAC).
- 2) The shipper's "in-the-clear" address with point-of-contact and phone.
- 3) The National Stock Number (NSN) of cylinder(s) containing the recovered ODS (see Section 3).
- 4) The type of ODS (i.e., Halon 1301 or HCFC-22).
- 5) The number of containers on the pallet or within the shipping crate.

Note: When multiple containers (cylinders, drums, etc.) with the same NSN are shipped palletized or in a box/crate, apply only one tag/label to the shipment, not to each item.

d. Monetary credit will not be given for turned in ODS or cylinders.

e. Unused recovery cylinders must be returned to the ODS Reserve.

f. ODS solvents such as methyl chloroform and chlorofluorocarbon (CFC)-113 can only be turned in if they are in their original containers and the seal has never been broken.

g. Mixed ODS products can be turned in to the ODS Reserve, but each constituent must be clearly identified (i.e. R-12 & R-502).

h. Do **not** ship the following items to the ODS Reserve (contact your local property disposal office for guidance on discarding them):

- 1) Empty hand-held fire extinguishers with the valves removed.
- 2) Empty commercial containers.
- 3) Aerosol cans.
- 4) Dry chemicals.
- 5) Hydrochlorofluorocarbon (HCFC) refrigerants and solvents except for R-22.
- 6) R-134a or other hydrofluorocarbon (HFC) refrigerants.

i. If further guidance is needed contact the managers of the Army ODS Reserve in SAAL-ESO at 703-304-1680 or 636-477-7515.

2. Transportation Guidance

a. When shipping ODS, refer to the following regulations (if needed):

- 1) MIL-STD-129L, Military Standard Marking for Shipment and Storage
- 2) AR 700-68, Storage and Handling of Compressed Gases and Liquids in Cylinders
- 3) Code of Federal Regulations (CFR) 49.173, Requirements for the Shipment of Compressed Gas Cylinders

b. If funding is not available within your activity to turn in your ODS, transportation assistance may be available. Contact the ODS Reserve program office via email at avnodsreserve@dla.mil to request a Transportation Authorization form.

c. ODS turn-ins should be shipped to the following address:

DLA Distribution Richmond, VA
SW0400 ODS Cylinder Operations
Open Shed 6
Chippenham Pkwy Entrance, Gate 13*
Richmond, VA 23297-5900

d. All carriers must make an appointment at least 24 hours in advance. Deliveries are 0800 - 1100 Monday - Thursday, excluding holidays. Make appointments through the Carrier Appointment System (CAS). If a carrier does not have access to CAS, they must email DDRV at ddrv.dtcidla.mil@dla.mil with the NSN, number of pallets, the bill of lading and/or contract number, dispatch name, number and email address. Call (618) 220-5475 for information or to schedule a CAS overview once you have an account.

3: Recovery and Turn-in NSN Tables

a. The ODS recovery cylinders listed in Table 1 are all available from the ODS Reserve for one cent each. Unused recovery cylinders must be returned to the ODS Reserve.

b. The NSNs in Table 2 must be used to document the turn-in of ODS cylinders. Select the NSN that best represents the weight of the ODS product being turned in.

Table 1. ODS Empty Recovery Cylinders

Commodity	Size (lbs)	Cylinder NSN
Halon 1211	200	8120-01-356-1248
Halon 1211	1,500	8120-01-356-1249
Halon 1301	117	8120-01-371-0533
Halon 1301	122	8120-01-356-5963
Halon 2402	122	8120-01-469-2550
Halon 2402	1,000	8120-01-469-2774
R-11	59	8120-01-356-5960
R-11	170	8120-01-356-9756
R-11	1,400	8120-01-355-9763
R-12	45	8120-01-355-4017
R-12	145	8120-01-355-4018
R-12	1,190	8120-01-355-4019
R-22	44	8120-01-357-9140
R-22	128	8120-01-357-9139
R-22	1,050	8120-01-357-9141
R-500	43	8120-01-357-6774
R-500	127	8120-01-357-7656
R-500	1,045	8120-01-357-7657
R-502	44	8120-01-357-6770
R-502	128	8120-01-357-6771
R-502	1,050	8120-01-357-6769

Table 2. NSNs for ODS Turn-ins

Commodity	Size (lbs)	Cylinder NSN
Halon 1211	1-5	6830-01-376-8013
Halon 1211	6-10	6830-01-376-8014
Halon 1211	11-20	6830-01-376-8015
Halon 1211	21-60	6830-01-376-8016

Halon 1211	61-125	6830-01-376-8017
Halon 1211	126-200	6830-01-356-1209
Halon 1211	201-340	6830-01-376-8018
Halon 1211	341-1,500	6830-01-356-1211
Halon 1301	1-5	6830-01-376-8394
Halon 1301	6-10	6830-01-376-8395
Halon 1301	11-20	6830-01-376-8396
Halon 1301	21-70	6830-01-376-8397
Halon 1301	71-100	6830-01-376-8398
Halon 1301	101-117	6830-01-371-0501
Halon 1301	118-125	6830-01-376-8399
Halon 1301	126-150	6830-01-376-9752
Halon 1301	151-200	6830-01-376-8400
Halon 1301	201-260	6830-01-376-8401
Halon 1301	261-350	6830-01-376-8402
Halon 1301	351-530	6830-01-376-8403
Halon 1301	531-600	6830-01-376-8404
Halon 1301	601-1,240	6830-01-356-5958
Halon 2402	122	6830-01-469-9138
Halon 2402	1,000	6830-01-469-9135
R-11	59	6830-01-355-9754
R-11	100	6830-01-368-4847
R-11	170	6830-01-355-9756
R-11	200	6830-01-367-9554
R-11	650	6830-01-367-9555
R-11	1,400	6830-01-355-9758
R-12	45	6830-01-355-4013
R-12	145	6830-01-355-6648
R-12	1,190	6830-01-355-4015
R-22	44	6830-01-357-9131
R-22	128	6830-01-357-9129
R-22	1,050	6830-01-357-9133
R-500	43	6830-01-357-7650
R-500	127	6830-01-358-5123
R-500	1,045	6830-01-357-7654
R-502	44	6830-01-357-6726
R-502	128	6830-01-357-6727
R-502	1,050	6830-01-357-6905