

Management of the U.S. Army Ozone-Depleting Substances (ODS) Reserve

A. Introduction

1. The Environmental Support Office (ESO) represents the Assistant Secretaries of the Army for Acquisition, Logistics and Technology (ASA(ALT)) and for Installations, Energy and the Environment (ASA(IEE)). The ESO is responsible for the overall management of the Army Reserve of Ozone-Depleting Substances (ODS). The Army ODS Reserve is a part of the Department of Defense (DoD) ODS Reserve.

2. The DoD ODS Reserve maintains a stockpile of man-made refrigerants, fire suppression agents and solvents whose production and import have been restricted, or banned altogether, because they have been identified by the Clean Air Act and the Montreal Protocol as being harmful to the stratospheric ozone layer. In the early 1990s the Military Services identified uses of ODS that were critical to their readiness, and associated quantities of each ODS that were necessary for the continued support of these weapon systems.

3. The Army ODS Reserve is the stockpile of these chemicals in the DoD ODS Reserve that supports the identified Army requirements. Each of the Services own the product in their own ODS Reserve. Additional quantities of some product have been turned in under Executive Order by other Federal Agencies and have either offset procurement requirements or provided safety levels for required products.

4. The DoD ODS Reserve is operated by the Defense ODS Reserve Program Office, which is part of the Defense Logistics Agency (DLA) - Aviation located in Richmond, Virginia. Through coordination with the DoD ODS Reserve, Program Managers, the Life Cycle Management Commands, the Department of the Army offices, operating units and other Army activities, the ESO monitors ODS requirements and ensures a stable supply of mission-critical ODS for Army long-term weapon system needs.

B. Tracking the Army ODS Requirement

1. ESO is responsible for ensuring that the Army ODS Reserve is capable of supporting the Army's identified ODS requirements, now and in the future.

2. The Army ODS Reserve is expected to be in operation until all Army weapon systems that require ODS have been retrofit or retired. This may be until 2050, or beyond.

3. Through analysis of historical use, force fleet size and service life projections, operational requirements and policy, the ESO prepares projections of critical Army ODS uses as-needed, for both war and peace-time, to ensure the continuing availability of this material for the war-fighter.

C. Operation and Maintenance

1. The DoD ODS Reserve shall perform the day-to-day operations to maintain the Army ODS Reserve according to their own internal procedures. These procedures shall be made available to the ESO upon request.
2. The DoD ODS Reserve shall provide monthly reports, by the end of the following month, with detailed information on Army requisitions and issues for all ODS products they manage. They shall also provide a ready-for-issue summary and information on all turn-ins. They may provide other internal reports.
3. The ESO shall provide and maintain Authorized Users Lists (AULs) for bulk Halon 1301, Halon 1301 hand-held fire extinguishers (HHFEs) and R-22 refrigerant. The ESO authorizes the ODS Reserve to issue product to Army units on the AULs without prior notification, within the limitations set elsewhere in this Plan.
4. The DoD ODS Reserve shall not issue any bulk Halon 1301, Halon 1301 HHFE or R-22 to an Army activity that is not on an ESO-approved AUL without approval via an email from the ESO.
5. The DoD ODS Reserve shall not issue any product other than bulk Halon 1301, Halon 1301 HHFEs or R-22 to any Army activity without approval via an email from the ESO.
6. The ESO shall review each Army requisition for ODS from an Army unit not listed on an applicable AUL and provide a decision to the ODS Reserve, to reject or accept the requisition, in a timely manner.
7. The ESO shall coordinate with the ODS Reserve before dissemination of any Army policy, guidance or instructional correspondence that may address or impact DoD or Army use of ODS.

D. Halon 1301 Operations

1. The DoD ODS Reserve shall maintain in ready-for-issue status adequate quantities of the Halon 1301 National Stock Numbers (NSNs) listed below for Army users:

NSN 6830-01-392-4154 (137 lbs)

NSN 6830-01-392-4999 (1,123 lbs)

2. These stock numbers are considered “free issue,” but the supply system charges one cent for each cylinder issued.
3. The ESO shall provide and maintain an AUL for Halon 1301, and authorizes the ODS Reserve to issue bulk Halon to authorized Army units without prior notification, except for the restriction in paragraph 4 below.

4. The ODS Reserve shall not issue more than 2 (two) bulk cylinders of Halon 1301 per an individual requisition without prior approval from the ESO. The ODS Reserve shall put such a requisition on hold and notify the ESO. The ESO shall provide a determination for that requisition (accept or reject) in a timely manner.
5. If an Army activity requisitions Halon 1301 and they are not on the Army Halon AUL, the ODS Reserve shall put the requisition on hold and notify the ESO. The ESO shall provide a determination for that requisition (accept or reject) in a timely manner.

E. Halon HHFE Operations

1. Though not originally identified as a mission-critical Army ODS requirement, the DoD ODS Reserve also manages the Army requirements for the 2.75 pound Halon 1301 HHFE, NSN 6830-00-555-8837, at the request of the Army. The Army is not the only Service which requisitions and uses this fire extinguisher.
2. The ODS Reserve manages the procurement and distribution of Halon HHFEs purchased in support of Army Aviation requirements. Oversight of Army requisitions is provided by the ESO and the Army Program Executive Office (PEO) for Aviation.
3. The Halon 1301 in HHFEs issued to Army customers is accounted for as being removed from the Army ODS Reserve. Although the halon is “free issue,” the requisitioning activity is still billed the standard supply price for each extinguisher, which represents the cost of the hardware and the filling service.
4. The ESO shall provide and maintain an Army AUL for Halon HHFEs, and authorizes the ODS Reserve to issue halon HHFEs to authorized Army units without prior notification, except for the restriction in paragraph 5 below.
5. The ODS Reserve shall not issue more than 25 HHFEs per individual requisition without prior approval from the ESO. The ODS Reserve shall put such a requisition on hold and notify the ESO. The ESO shall provide a determination for that requisition (accept or reject) via email in a timely manner.
6. The ODS Reserve shall notify the ESO of any requisition for an HHFE from an Army activity not listed in the AUL, and put the requisition on hold. The ESO shall provide a determination for that requisition (accept or reject) via email in a timely manner.

F. R-22 Operations

1. The Army has a requirement for 120,000 lbs of the Class II ODS refrigerant R-22, reclaimed to military standards. This is to support environmental control units (ECUs) and other mission-critical tactical cooling requirements until such time as the equipment is either retrofit with a non-ODS refrigerant or replaced.

2. Army installations and ECU repair activities have been directed to turn in recovered R-22 to the DoD ODS Reserve, through the same process as the turn-in of Class I ODS.

3. The ODS Reserve shall maintain in ready-for-issue status adequate quantities of R-22 in the NSNs listed below for Army users:

NSN 6830-01-567-8641 (44 lbs) NSN 6830-01-641-8388 (44 lbs, dual port)

NSN 6830-01-641-8384 (128 lbs) NSN 6830-01-567-8542 (128 lbs, dual port)

NSN 6830-01-567-9038 (1,050 lbs)

4. These stock numbers are considered “free issue,” but the supply system charges one cent for each cylinder issued.

5. The ESO shall provide and maintain an AUL for R-22, and authorizes the ODS Reserve to issue R-22 to authorized Army units without prior notification, except for the restriction in paragraph 6 below.

6. The ODS Reserve shall not issue R-22 in excess of 264 pounds per requisition without prior approval from the ESO. When such a requisition is received, the ODS Reserve shall put it on hold and notify the ESO. The ESO shall provide a determination for that requisition (accept or reject) in a timely manner via email.

7. The ODS Reserve shall notify the ESO of any requisition for R-22 from an Army activity not listed in the AUL, and put the requisition on hold. The ESO shall provide a determination for that requisition (accept or reject) in a timely manner via email.

G. Other ODS

1. All Class I ODS refrigerant assets in the Army ODS Reserve (R-11, R-12, R-114, R-500 and R-502) are considered excess to the Army requirements, and the DoD ODS Reserve may redistribute them to other Defense Services or Agencies at their discretion.

2. The DoD ODS Reserve shall support, to the best of their abilities, infrequent Army requirements for ready-for-issue ODS other than Halon 1301, R-22 and Halon HHFEs. Examples of such requirements are Halon 1211 and Halon 2402. The issue of ODS to support such unusual Army requirements must be only with the approval via email of the ESO.

3. The final disposition of all ODS products stored for the Army by the DoD ODS Reserve shall be determined by the Office of the Secretary of Defense at a later date.

H. Turn-in of ODS

1. If an Army activity does not have funding available to turn in ODS, the DoD ODS Reserve can assist. The Unit must contact the ODS Reserve at avnodsreserve@dla.mil and complete a Transportation Authorization Form.
2. The ODS Reserve does not offer assistance for any administrative or packaging costs associated with the turn-in of ODS.

I. Approval Signatures

___ *---* Signed *---* _____

Ms. Amy Borman
Director, Environmental Support Office (SAAL-ESO)

___ **10-04-2018** ___

Date

___ *---* Signed *---* _____

Mr. Jeffrey Morsch
Program Manager, Defense Reserve of Ozone-Depleting Substances

___ **09-07-2018** ___

Date