

**DEPARTMENT OF WAR
ODS & HFC RESERVE**

**REQUISITION
PROCEDURES
for
Ozone Depleting Substances (ODS) and
Hydrofluorocarbons (HFCs)**

PROCEDURES

The Defense Logistics Agency (DLA) is responsible for managing the Department of War (DoW) Ozone Depleting Substances (ODS) and Hydrofluorocarbons (HFC) Reserve for weapon system support. The material manager of the Reserve is DLA Aviation with operational support and storage provided by the co-located DLA Distribution Richmond.

The ODS & HFC Reserve consists of various ODS refrigerants:

- CFC – R11, R12, R114, R500, R502
- HCFC – R22
- Halons – 1202, 1211, 1301, 2402
- Solvents – 1, 1, 1 Trichloroethane and CFC-113

The ODS & HFC Reserve is also the strategic static repository for specific Mission Critical Military End Use (MCMEU) HFC:

- R125, R134a, R227ea, R236fa, R404a, R407a, R407c, R410a, R417a, R438a, R507a

HFC are issued through the Industrial Gas Program

<https://www.dla.mil/Aviation/Offers/Commodities/> currently, but this may transfer to the ODS & HFC Reserve in the future.

Empty ODS and HFC recovery cylinders can be requisitioned essentially free of charge by a DoW Activity (DLA System accounting requires a unit price at least two cents, \$.02), provided the ODS and cylinders are returned to the Reserve. A list of the NSNs for recovery cylinders is provided at Enclosure 1.

ODS (except for halon fire extinguishers and system cylinders) are also “almost” free issue (Enclosure 2); however, customers must be authorized by their Service to requisition ODS chemicals from the Reserve.

Army and Navy/USMC and Coast Guard provide DLA with an Authorized Users List (AUL), and requisitions are checked against the AUL to determine if the requisitioning activity is authorized to requisition ODS products.

Air Force does not require pre-approval for the following NSNs, if the quantity requisitioned is below the indicated threshold.

PRODUCT	CYLINDER CAPACITY (LBS)	NSN	MAXIMUM THRESHOLD (quantity of U/I)
Halon 1211 Fire Extinguisher	5	6830-01-128-1673	25
Halon 1211	200	6830-00-285-5887	3
Halon 1211	1,500	6830-01-219-8529	3
Halon 1301 Virgin Type II	150	6830-00-543-6623	2
CFC-12	45	6830-00-264-5913	3

Air Force users that need to requisition quantities higher than the maximum thresholds or require an ODS NSN that is not listed, must submit an email request to HQ AF and receive approval before DLA can process the requisition. Transmit email requests to the AF points of contact identified in Enclosure 3. **Do not submit multiple requisitions** to evade the thresholds listed above. HQ Air Force will follow up with MAJCOMs and installations that have unusual requisition patterns.

A Services' Point of Contact (POC) list is provided at Enclosure 3.

Each ODS NSN has an inventory system freeze in the DLA supply system and will require Manager's review before release. Requisitions (sales orders) submitted to DLA Aviation by non-authorized activities will be processed with Status Code "D8" (Rejected) to the requisitioner, indicating the material is a commodity requiring advance service authorization.

The Military Standard Requisition and Issue Procedure (MILSTRIP) is used to requisition ODS. The DLA preferred method to input a requisition (sales order) into the supply system is through FEDMALL, 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.

Contact the ODS Reserve for questions or concerns:

Requisition Assistance	Orlando Gandy (804) 279-2892	DSN (312) 695-2892
	Scott Johnson (804) 279-6451	DSN (312) 695-6451
Turn In and Technical	Jeffrey Bickham (804) 279-3921	DSN (312) 695-3921
	Mike Palya (804) 279-4525	DSN (312) 695-4525
Procedural and Policy	Philip Nott (804) 279-5004	DSN (312) 695-5004

The email address is avnodshfreserve@dla.mil.

Philip Nott
Program Manager
DoW ODS & HFC Reserve

**ENCLOSURE 1: EMPTY ODS RECOVERY CYLINDERS
(FILLED CYLINDER NOT TO EXCEED 80% OF WATER CAPACITY)**

HALONS			
PRODUCT	WATER CAPACITY (LBS)	MAX FILL CAPACITY (LBS)	EMPTY RECOVERY CYLINDER NSN
Halon 1202	122	122	8120-01-356-1781
Halon 1202	1000	1000	8120-01-447-3636
Halon 1211	122	100	8120-01-356-1248
Halon 1211	1000	1000	8120-01-356-1249
Halon 1301	117	117	*8120-01-371-0533
Halon 1301	122	122	8120-01-356-5963
Halon 1301	1000	1000	8120-01-356-5962
Halon 2402	122	122	8120-01-469-2550
Halon 2402	1000	1000	8120-01-469-2774

* DENOTES A HIGH-PRESSURE CYLINDER for use when recovering Halon 1301 from nitrogen charged fire suppression system cylinders. This cylinder can accommodate pressure up to 2265 psi.

ODS REFRIGERANTS			
PRODUCT	WATER CAPACITY (LBS)	MAX FILL CAPACITY (LBS)	EMPTY RECOVERY CYLINDER NSN
R11	42	42	8120-01-356-5960
R11 Recv	122	170	8120-01-356-9756
R11 Spec	122	170	8120-01-355-9761
R11	1000	1000	8120-01-355-9763
R12	42	42	8120-01-355-4017
R12	122	122	8120-01-355-4018
R12	1000	1000	8120-01-355-4019
R22	42	42	8120-01-357-9140
R22	122	128	8120-01-357-9139
R22	1000	1050	8120-01-357-9141
R114	42	42	8120-01-356-1245
R114	122	122	8120-01-356-1246
R114	1000	1000	8120-01-356-1247
R500	42	42	8120-01-357-6774
R500	122	122	8120-01-357-7656
R500	1000	1000	8120-01-357-7657
R502	42	42	8120-01-357-6770
R502	122	128	8120-01-357-6771
R502	1000	1000	8120-01-357-6769

EMPTY HFC RECOVERY CYLINDERS (Continued)			
HFC REFRIGERANTS			
PRODUCT	WATER CAPACITY (LBS)	MAX FILL CAPACITY (LBS)	EMPTY RECOVERY CYLINDER NSN
R125	42	31	8120-01-738-7296
R125	122	92	8120-01-729-7267
R125	1000	756	8120-01-729-7269
R134a	42	41	8120-01-737-9627
R134a	122	105	8120-01-737-9595
R134a	1000	863	8120-01-737-9598
R227ea	42	40	8120-01-729-7274
R227ea	122	120	8120-01-729-7257
R227ea	1000	800	8120-01-729-7277
R236fa	42	41	8120-01-738-7308
R236fa	122	120	8120-01-729-7286
R236fa	1000	999	8120-01-737-8140
R404a	42	28	8120-01-729-7293
R404a	122	83	8120-01-729-7300
R404a	1000	680	8120-01-729-7301
R407a	42	32	8120-01-729-7306
R407a	122	95	8120-01-738-7321
R407a	1000	780	8120-01-729-7310
R407c	42	33	8120-01-738-7360
R407c	122	95	8120-01-729-7326
R407c	1000	780	8120-01-729-7343
R410a	42	29	8120-01-738-7371
R410a	122	84	8120-01-729-7402
R410a	1000	690	8120-01-729-7398
R417a	42	33	8120-01-729-7359
R417a	122	97	8120-01-738-7388
R417a	1000	790	8120-01-729-7365
R438a	42	33	8120-01-729-7405
R438a	122	95	8120-01-729-7393
R438a	1000	780	8120-01-729-7383
R507a	1000	800	8120-01-738-7278

ENCLOSURE 2: FILLED READY FOR ISSUE CYLINDERS

NSNs FOR REQUISITIONING ODS HALONS		
PRODUCT	CYLINDER CAPACITY (LBS)	NSN
Halon 1202	160	6830-00-985-7284
Halon 1202	2000	6830-01-370-8671
Halon 1211 Fire Extinguisher	2.5	6830-01-254-5030
Halon 1211 Fire Extinguisher	5	6830-01-128-1673
Halon 1211 Fire Extinguisher	20	6830-01-570-7231
Halon 1211	200	6830-00-285-5887
Halon 1211	1500	6830-01-219-8529
Halon 1211	2000	6830-01-399-3032
Halon 1301 Fire Extinguisher	2.75	6830-00-555-8837
Halon 1301 Type 1	137	6830-01-392-4154
Halon 1301 Virgin Type II	150	6830-00-543-6623
Halon 1301 Reclaimed Type II	150	6830-01-392-5012
Halon 1301 Type 1	1123	6830-01-392-4999
Halon 1301 Virgin Type II	1240	6830-01-356-9751
Halon 1301 Reclaimed Type II	1240	6830-01-392-5017
Halon 1301 Type 1	1800	6830-01-430-2879
Halon 1301 Reclaimed Type II	1925	6830-01-430-2885
Halon 1301 Type II	1925	6830-01-387-1008

NAVY HALON 1301 SYSTEM CYLINDERS		
SIZE	ANSUL NSN	KIDDE-FENWAL NSN
10 LBS	6830-01-171-7361	6830-01-073-6543
15 LBS	6830-01-221-2192	6830-01-284-5852
60 LBS	6830-01-252-2428	6830-01-294-4455
95 LBS	6830-01-196-8338	6830-01-302-2555
125 LBS	6830-01-140-6150	6830-01-275-1637
15 LBS Non-magnetic	6830-01-238-7035	NA
60 LBS Non-magnetic	6830-01-059-5656	NA
95 LBS Non-magnetic	6830-01-059-5657	NA

MARINE AMPHIBIOUS ASSAULT VEHICLE		
PRODUCT	CYLINDER CAPACITY (LBS)	NSN
Halon 1301	7	6830-01-321-6527
Halon 1301	7	6830-01-331-6714
Halon 1301	9	6830-01-160-9653
Halon 1301	17	6830-00-435-9415

NSNs FOR REQUISITIONING ODS REFRIGERANTS		
PRODUCT	CYLINDER CAPACITY (LBS)	NSN
R11	1400	6830-01-355-9753
R12	10	6830-00-264-9089
R12	45	6830-00-264-5913
R12 Dual Port Valve	45	6830-01-443-0387
R12	145	6830-00-292-0133
R12	1190	6830-01-355-4011
R22	42	6830-01-567-8641
R22	128	6830-01-567-8542
R22	1050	6830-01-567-9038
R114	11.5	6830-00-290-4378
R114	57	6830-00-290-4379
R114 Dual Port Valve	57	6830-01-443-0397
R114 10" x 49" For Ship Rack	165	6830-00-088-3385
R114 12" x 36"	165	6830-00-782-6232
R114	1360	6830-01-356-1201
R114 Dual Port 10" x 49"	165	6830-01-430-2857
R500	43	6830-01-357-7648
R500	127	6830-01-357-7646
R500	1045	6830-01-357-9135
R502	44	6830-01-357-4840
R502	128	6830-00-138-2482
R502	1050	6830-01-357-6903

SOLVENTS		
PRODUCT	CYLINDER CAPACITY (LBS)	NSN
CFC-113	1 Gal (11 LBS)	6850-01-426-4813
Methyl Chloroform	1 Gal (11 LBS)	6810-01-411-5954

ENCLOSURE 3: POINTS OF CONTACT

DEFENSE LOGISTICS AGENCY			
NAME	PHONE	DSN	EMAIL
ODS & HFC RESERVE			avnodshfcreserve@dla.mil
PHILIP NOTT	804-279-5004	312-695-5004	philip.nott@dla.mil
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