

INCH-POUND

MIL-PRF-27210G  
AMENDMENT 1  
24 January 2000

## PERFORMANCE SPECIFICATION

### OXYGEN, AVIATOR'S BREATHING, LIQUID AND GAS

This amendment forms a part of MIL-PRF-27210G, dated 4 April 1997, and is approved for use by the Departments and Agencies of the Department of Defense.

The attached insertable replacement pages listed below are replacements for the stipulated pages. When the new pages have been entered in the document, insert the amendment as the cover sheet to the specification.

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
11	4 April 1997	11	Reprinted without change
12	24 January 2000	12	4 April 1997

Custodians:  
Navy - AS  
Air Force - 68

Preparing Activity:  
Air Force - 68

(Project 6830-1043)

Review activities:  
DLA - GS

Civil Agencies Coordinating Activities:  
NASA - JFK

AMSC N/A

FSC 6830

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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APPENDIX A

The contractor shall calibrate test equipment in accordance with ANSI/NCSL Z540-1 or ISO 10012-1.

A.3.1.5 Sampling. Samples required by paragraphs 4.2.1 and 4.2.2 of MIL-PRF-27210 shall be delivered at the expense of the contractor to one of the laboratories listed in Table A-1 or other laboratories authorized by SA-ALC/SFTT, 1014 Billy Mitchell Blvd/STE 1, Kelly AFB TX 78241-5603.

A.3.1.6 Cylinders. Compressed gas cylinders shall be inspected, maintained and charged according to MIL-STD-1411.

A.3.1.6.1 Valves. Valves shall conform to MIL-DTL-2.

A.3.1.6.2 Color Coding. Government-owned cylinders shall be color coded according to MIL-STD-101.

A.3.1.7 Identification tag. An identification tag impervious to climatic conditions shall be wired to the outlet port of each container and shall contain the following information: Product name, specification number with revision letter, type designation, National Stock Number (NSN), quantity, name of manufacturer, name of contractor (if different from manufacturer), date of manufacture, and lot identification number.

A.3.1.8 Test reports. Test reports shall accompany each shipment and may be provided on the contractor's internal form, a letter of transmittal, or the product DD Form 250. For type I, the reports shall include the values obtained from the odor, fill pressure, purity and moisture tests. For type II, the reports shall include the values obtained from the odor, purity, and moisture tests.

A.3.2 Other provisions should be considered to include the following:

- a. Method of shipment.
- b. Type and capacity of container.
- c. A cleaning and repair schedule for cylinders
- d. Instructions for disposition of rejected cylinders.

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TABLE A-1. Laboratories.

<b>CALIFORNIA</b>	National Technical Systems Bldg 368 4920 46 <sup>th</sup> St McClellan AFB CA 95652-1346	<b>JAPAN (Kadena AB)</b>	Aerospace Fuels Laboratory (FP2083) Det 44, SA-ALC/SFTLG Bldg 854 Kadena Air Base, Okinawa JA APO AP 96368-5162
	Aerospace Fuels Laboratory (FP2075) OL SA-ALC/SFTLE 1747 Utah Ave, Bldg 6670 Vandenberg AFB CA 93437-5220	<b>MAINE</b>	Aerospace Fuels Laboratory (FP2071) Det 20, SA-ALC/SFTLB Trundy Rd, Bldg 14 Searsport ME 04974
<b>FLORIDA</b>	Aerospace Fuels Laboratory (FP2078) OL SA-ALC/SFTLH 15251 Scrub Jay Street, Bldg 54800 Cape Canaveral AFS FL 32920	<b>NORTH CAROLINA</b>	Naval Aviation Depot Code 4.3.4.4 Bldg 4032 MCAS Cherry Point NC 28533
	Naval Aviation Depot NAS Materials Engineering Lab Test & Corrosion/Wear Branch Code 4.3.4.7 Jacksonville FL 32212-0016	<b>OHIO</b>	Aerospace Fuels Laboratory (FP2070) Det 13, SA-ALC/SFTLA Bldg 70 2430 C St, Suite 1 Wright-Patterson AFB OH 45433-7632
	Aerospace Fuels Laboratory (FP2072) Det 21, SA-ALC/SFTLC 5311 North Boundary Blvd, Bldg 1121 MacDill AFB FL 33621-5005	<b>UNITED KINGDOM (RAF Mildenhall)</b>	Aerospace Fuels Laboratory (FP2080) OL SA-ALC/SFTLF Bldg 725 RAF Mildenhall UK APO AE 09459
<b>HAWAII</b>	MALSEK 1 <sup>st</sup> MAWSE Attn: Cryogenics, Box 63048 MCBH Kaneohe Bay HI 96863-3048	<b>VIRGINIA</b>	Mid-Atlantic Regional Materials Test Lab Code 134.22 9349 Fourth Ave Bldg V-61 Norfolk VA 23511-2116
<b>ITALY (Aviano AB)</b>	Aerospace Fuels Laboratory (FP2084) OL SA-ALC/SFTLJ Bldg 1048 Area F Aviano AB Italy APO AE 09604	<b>WASHINGTON</b>	Aerospace Fuels Laboratory (FP2074) Det 35, SA-ALC/SFTLD 10 Park Ave C, Bldg 1 Mukilteo WA 98275-1618