



SURFACE VEHICLE STANDARD

J2296™

FEB2023

Issued 1996-09
Revised 2012-06
Stabilized 2023-02

Superseding J2296 JUN2012

Retest of Refrigerant Container

RATIONALE

Technology is mature and no further revision is needed.

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Documents

Document Sharing Hub

1. SCOPE

To provide a procedure to inspect a refrigerant cylinder used in equipment servicing mobile air-conditioning (A/C) systems. This includes the pressure cylinder used for refrigerant recovery/recycling and charging equipment.

2. REFERENCES

2.1 Applicable Documents

The following publications form a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

2.1.1 CGA Specifications

Available from Compressed Gas Association, Crystal Square #2, Jefferson Davis Highway, Arlington, VA 22202-4102.

CGA S-1.1 Pressure Relief Device Standards - Cylinders for Compressed Gases

CGA C-6 Standards for Visual Inspection of Steel Compressed Gas Cylinders

CGA C-6.1 Standards for Visual Inspection of High Pressure Aluminum Compressed Gas Cylinders

2.1.2 DOT Specifications

Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

DOT 39 DOT approved cylinder specifications (except those operating under exemptions) are found in 49 Code of Federal Regulations (CFR) sections 178.1 through 178.68.

2.1.3 Underwriters Laboratories

Available from Underwriters Laboratories, 333 Pfingsten Road, Northbrook, IL 60062-2096.

UL 1769 Cylinder Valves

UL 1963 Standard for Refrigerant Recovery/Recycling Equipment, First Edition 1993, Copyright 1989

2.2 Related Publications

The following publications are provided for information purposes only and are not a required part of this SAE Technical Report.

2.2.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

SAE J513 Refrigeration Tube Fittings - General Specifications

SAE J1990 Recovery and Recycle Equipment for Mobile Automotive Air-Conditioning Systems

SAE J2197 HFC-134a (R-134a) Service Hose Fittings for Automotive Air-Conditioning Service Equipment

SAE J2209 CFC-12 (R-12) Refrigerant Recovery Equipment for Mobile Automotive Air-Conditioning Systems

SAE J2210 HFC-134a (R-134a) Recovery/Recycling Equipment for Mobile Air-Conditioning Systems

2.2.2 ARI Publication

Available from ARI, 4301 North Fairfax Drive, Suite 425, Arlington, VA.

ARI Guideline K 1990 Cylinders for Recovered Fluorocarbon Refrigerants

2.2.3 DOT Publication

Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

Part III Environmental Protection Agency, 40CFR Part 82 - Protection of Stratospheric Ozone: Labeling Supplemental Proposal Final Rule