U.S. Department
of Transportation

**Research and
Special Programs
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

JUN 2 4 2003

DOT-E 9991
(SEVENTH REVISION)

EXPIRATION DATE: February 28, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: TRW Automotive
Washington, Michigan

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of certain Divisions 2.1, 2.2, 2.3, and 6.1 and Class 3 hazardous materials in non-DOT specification steel full-opening head, "salvage" cylinders for overpacking damaged or leaking packages of pressurized and non-pressurized hazardous materials. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 180.209, § 173.202, § 173.302a, and § 173.304a except as specified herein.

5. BASIS: This exemption is based on the application of TRW Automotive dated March 25, 2003 submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	**Hazard Class/ Division**	**Identi- fication Number**	**Packing Group**
Division 2.1 (except acetylene), 2.2, 2.3, 6.1, and Class 3 hazardous materials authorized in DOT specification cylinders.	2.1 2.2 2.3 6.1 3	As Appro- priate	As Appro priate

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a stainless steel (SA 312), non-DOT specification, full opening head, "salvage" cylinder of welded construction. The "salvage" cylinder must be designed, constructed and stamped in accordance with Section VIII of the ASME Code for a maximum allowable working pressure (MAWP) of 1,000 psig and must conform with ETSC's drawing E 52 dated May 2, 1988, and other drawings on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA) as follows:

Maximum volume	4.8 gallons.
Material	SA 312 stainless steel.
Outside diameter	6.6 inches, nominal.
Length	42 inches, nominal
Sidewall thickness	.260 inch, min.(.280" nominal)
MAWP	1000 psig
Test pressure	1500 psig.

Openings: Three (3) 1/4-inch NPT for gauges and valves

Sidewall, top	Purge valve and gauge and analysis valve within a shield.
Sidewall, bottom	Purge valve within a shield.
Pressure relief devices	None.

b. TESTING -

(1) Each salvage cylinder must be visually inspected (internally and externally) and hydrostatically tested at 1500 psig at least once every 2 years. The pressure must be stabilized and held for a period of 5 minutes without a leak.

(2) Effective July 1, 2001, a record of test for each cylinder must be kept on file at the test facility and made available to a DOT representative upon request.

c. OPERATIONAL CONTROLS -

(1) Each salvage cylinder must be plainly marked on the cylinder sidewall, 180 degrees apart, in letters at least 2 inches high on a contrasting background, "DOT-E 9991" and the words "SALVAGE CYLINDER".

2. Damaged cylinders containing liquefied gases with a vapor pressure exceeding 1000 psig at 70°F are not authorized to be transported under the terms of this exemption.

3. Nonliquefied gases in a damaged cylinder must be limited in pressure and volume so that if totally discharged into the salvage cylinder the pressure at 70°F will not exceed 1000 psig.

4. Each assembly must be securely lashed in an upright position to the motor vehicle by a securement system that conforms with the requirements contained in §§ 393.100 to 393.106.

5. Each salvage cylinder must be labeled as prescribed for the material in the damaged or leaking cylinder.

6. Each salvage cylinder must be cleaned and purged after each use.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS:

a. A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

b. Drivers must have been instructed as to necessary safeguards and proper procedures in the event of unusual delay, fire or accident. The loaded "salvage" cylinder must be delivered to the consignor or the consignee as soon as practicable. Drivers and other persons who load/unload or transport the salvage cylinder must be trained in handling and loading/unloading the salvage cylinder.

c. Transportation is limited to motor vehicles owned or leased by TRW Automotive, or by companies which have party status to this exemption, or owned or leased to contract carriers employed by TRW Automotive or by companies which have party status to this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

- Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

Ann Mazzullo

for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

JUN 2 4 2003
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590. Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/exemptions Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: sln

JUN 2 4 2003

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Heritage Transport, LLC Indianapolis, IN	May 21, 2003	JUN 2 4 2003	Feb 28, 2005

Ann Mazzullo

for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety