U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

APR 2 7 2004

DOT-E 12481
(THIRD REVISION)

EXPIRATION DATE: March 31, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Trac Regulator Company, Inc.
Mt. Vernon, New York

(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 non-DOT specification packagings, described as actuators, charged with limited quantities of various hazardous materials. The actuators are transported separately or as part of a valve assembly. 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 §§ 173.150, 173.153, and 173.306(a) in that the gross weight of the valve assembly containing the actuator exceeds the 66 pound limitation; § 173.306(a)(1) in that the largest actuator exceeds the 4 ounce limit; and § 173.322 in that the actuator is not an authorized packaging except as described herein.

5. BASIS: This exemption is based on the application of Trac Regulator Company dated March 31, 2004, submitted in accordance with § 107.109 and additional information dated April 22, 2004.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	**Hazard Class/ Division**	**Identi-fication Number**	**Packing Group**
Acetone	3	UN1090	II
Butane *see also* Petroleum gases, liquefied	2.1	UN1011	N/A
Dichloromethane	6.1	UN1593	III
Ethyl chloride	2.1	UN1037	N/A
Ethyl ether *see* Diethyl ether	3	UN1155	I
Isobutane *see also* Petroleum gases, liquefied	2.1	UN1969	N/A
Methanol	3	UN1230	II
Pentanes	3	UN1265	I

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging is a hermetically sealed metal actuator that opens or closes a valve assembly in response to temperature changes. The actuator contains no greater than 0.5 liters of hazardous material. The actuator is filled at atmospheric pressure with all materials in the liquid state. The actuator is shipped either separately or as part of the valve assembly. The total weight of the valve assembly is over 80 pounds. The actuator and valve assembly must be in conformance with the drawings and specifications submitted with Trac Regulatory Company Incorporated's application on file with the Office of Hazardous Materials Exemptions and approvals.

b. OPERATIONAL CONTROLS -

(1) Shipments are excepted from the requirements of subpart E (labeling) of part 172 of 49 CFR except when offered for transportation or transported by air.

(2) Shipments are excepted from the requirements of subpart F (placarding) of Part 172 of 49 CFR.

(3) Individual actuators, when shipped separately from the valve assembly, must be shipped in strong outside packaging.

(4) Each outside packaging containing an actuator or valve assembly must be marked "DOT-E 12481" as specified in § 172.301(c).

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 change 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.

c. Transportation of Division 2.1 (flammable gases) is not authorized aboard aircraft unless specifically authorized in the Hazardous Materials Table (§ 172.101).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, and cargo aircraft only.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each aircraft used to transport packages covered by this exemption. The shipper must furnish a current copy of this exemption to the air carrier before or at the time the shipment is tendered.

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.

- Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.

- o 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.:

for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

APR 27 2004
(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: CWFREEMAN/sln

APR 2 7 2004

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
Warren Controls Corporation Broadway, NJ	Jun 19, 2003	Jul 07, 2003	Jul 31, 2004

for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

APR 2 7 2004
Date