August 4, 2014

U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety Administration**

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

DOT-SP 16153
(FIRST REVISION)

EXPIRATION DATE: December 31, 2014

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Trailers y Tanques de Aluminio S.A. de C.V.
Mexico City, Mexico
(U.S. Agent: Kirstein & Young, PLLC,
Washington, D.C.)

2. PURPOSE AND LIMITATION:

a. This emergency special permit authorizes the marking, sale and use of non-DOT specification cargo tank motor vehicles which meet the requirements for a DOT specification 407 cargo tank motor vehicle, except that the ring stiffeners are not in compliance with 178.345-7(d). This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.

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

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

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 178.345-7(d) in that a non-continuous ring stiffener used as circumferential reinforcement is not authorized, except as provided herein.

5. BASIS: This emergency special permit is based on the application of Trailers y Tanques de Aluminio S.A. de C.V. dated April 24, 2014 submitted in accordance with § 107.117 and a determination that it is necessary to prevent significant economic impact.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	**Hazard Class/ Division**	**Identi- fication Number**	**Packing Group**
Class 3 hazardous materials authorized in DOT specification 407 cargo tank motor vehicles	3	Various	Various

7. SAFETY CONTROL MEASURES:

a. No new manufacture is authorized after April 24, 2014.

b. PACKAGING - The authorized packaging is a non-DOT specification cargo tank motor vehicle (CTMV) conforming with all regulations applicable to a DOT specification 407, except that the ring stiffeners are constructed of alternative materials (6061-T6) and are not in compliance with 178.345-7(d). The ring stiffeners used as circumferential reinforcement of the tank, are not continuous. The ring stiffener, as described in Tytal's April 24, 2014 application, have an approximate 1.5" gap at the bottom dead center of the ring.

c. This special permit only authorizes the CMTV's marked with VIN numbers listed in Appendix A of this permit.

d. REQUALIFICATION:

(i) The cargo tanks listed in Appendix A must be subjected to and successfully pass a benchmark (initial) inspection prior to marking the special permit number on the tank. The benchmark inspection must be in accordance with § 180.407(c) to the requirements for a DOT specification 407 cargo tank.

(ii) In addition to the benchmark inspection the 1.5" gap area must be non-destructive tested (e.g. magnetic particle, dye penetrant or other means) to ensure the detection of cracks in the ring stiffener to shell, ring stiffener assembly, and other welds in the gap location; defects in the gap location; and other flaws

recognized by the examination. The initial measurement of the gap in the ring stiffener must be recorded and maintained by the owner.

(iii) Periodic requalification (after the benchmark inspection) must be in accordance with § 180.407 to the requirements of a DOT specification 407 cargo tank except that:

(1) The external visual inspections must be performed every 6-months from the date of the benchmark inspection.

(2) During the external visual inspection the cargo tank facility must measure the ring stiffener gap to determine if expansion has occurred from the benchmark measurement.

(3) The internal visual inspection must be performed yearly from the date of the benchmark inspection.

(4) The non-destructive tests and inspections in paragraph (ii) must to be performed every 6 months from the date of the benchmark inspection.

(iv) When the results of the inspection determine the ring stiffener gap has expanded greater than ¼ inch from the benchmark measurement, the cargo tank must be taken out of hazardous materials service and all specification markings must be removed or obliterated.

(v) Prior to being returned to hazardous materials service, the cargo tank motor vehicle must be brought into full conformance with Part 178 which contains the requirements for DOT specification 407 cargo tank motor vehicles. If repaired, the tanks must be repaired by an R-stamp facility.

e. <u>OPERATIONAL CONTROLS</u>:

(i) <u>Recordkeeping</u>:

(1) The benchmark inspection results and most recent periodic inspection results (internal and external visual inspection, NDT and gap measurement) must be maintained by the tank

owner and the requalification facilities for the service life of the cargo tank and be made available upon request to DOT personnel and submitted to:

FMCSA.PHMSASP-AP@DOT.GOV (email); or

USDOT
FMCSA/MC-ECH (Attention: Division Chief)
202-366-3621 (Fax); or

USDOT
FMCSA/MC-ECH (Attention: Division Chief)
1200 New Jersey Ave SW
Washington, DC 2059

(2) The above referenced submission must include documentation of all repairs recommended or performed subsequent to the inspection. The inspection results must be submitted by the tank owner and the cargo tank facilities no later than 30 days after the completion of repairs performed on the tanks marked in accordance with this special permit.

(3) The benchmark inspection report must be provided to the cargo tank facility prior to the facility conducting periodic inspection under the terms of this special permit.

(4) Each cargo tank motor vehicle inspected under the terms of this special permit must be marked in accordance Part 180 and the external visual inspection must include the month date. Ex. V xx-xx where the xx is replaced with the year and month.

(ii) MARKING: Each tank must be plainly and permanently marked "DOT-SP 16153" next to the DOT markings on the DOT specification plate.

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this special permit for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this special permit.

b. A person who is not a holder of this special permit, but receives a packaging covered by this special permit, may reoffer it for transportation provided no modification or change is made to the packaging and it is offered for transportation in conformance with this special permit and the HMR.

c. A current copy of this special permit must be maintained at each facility where the CTMV is offered, reoffered, requalified, inspected, or repaired.

d. Each packaging manufactured under the authority of this special permit must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated by the Office of Hazardous Materials Special Permits and Approvals for a specific manufacturing facility.

e. A current copy of this special permit must be maintained at each facility where the packaging is manufactured under this special permit. It must be made available to a DOT representative upon request.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.

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

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

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

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

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

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

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)—"The Hazardous Materials Safety and Security Reauthorization Act of 2005" (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:

for Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety
Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

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

PO: SGrey

DOT-SP 16153 Appendix A
Cargo Tanks Manufactured in 2011

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3T1L1B628BC000037
3T1L1B62XBC000038
3T1L1T62XBC000059
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Cargo Tanks Manufactured in 2012

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Cargo Tanks Manufactured in 2013

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3T1L1T229DC000109	3T1L1T627DC000149	3T1L1T627DC000202	3T1L1T626DC000255	3T1L1T622BC000072	
3T1L1T626DC000109	3T1L1T623DC000150	3T1L1T629DC000203	3T1L1T628DC000256	3T1L1T624CC000415	