



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

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

Mr. J. Robert Knighton
Supply Chain Supervisor
Ferro Corporation
Delaware River Corporation
Route 130 PO Box 309
Bridgeport, New Jersey 08014

JUN 1 2004

Dear Mr. Knighton:

In response to your letter dated May 28, 2004, enclosed is a copy of the Eighth Revision of DOT-E 11020 which has been extended to November 30, 2005 for Ferro Corporation.

This extension does not resolve proceedings which may be initiated by the Office of Hazardous Materials Enforcement, Research and Special Programs Administration, concerning the operations conducted between January 31, 2004 and the issue date of your extension. Those operations conducted after the expiration date and before this extension were not in compliance with the Hazardous Materials Regulations, and no longer authorized by the exemption.

If you have any questions please contact Ms. Sherrie Nelson of my staff at (202)366-4535.

Sincerely,

R. Ryan Posten
Exemptions Program Officer
Office of Hazardous Materials
Exemptions & Approvals

Enclosure



U.S. Department
of Transportation

Research and
Special Programs
Administration

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

MAR 10 2004

DOT-E 11020
(EIGHTH REVISION)

EXPIRATION DATE: November 30, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109.)

1. GRANTEE: Brenntag Southwest, Inc.
Longview, Texas

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

2. PURPOSE AND LIMITATION:

a. This exemption authorizes tank cars containing chlorine, Division 2.3, to remain standing with unloading connections attached when no product is being transferred, provided that a minimum level of monitoring, as specified in this exemption, is maintained. This exemption provides no relief from any Hazardous Materials Regulation (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 §§ 172.302(c) in that marking the exemption number on the tank cars is waived; and 174.67(i) and (j).
5. BASIS: This exemption is based on the application of Brenntag Southwest, Incorporated dated December 16, 2003, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

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Proper Shipping Name/Hazardous Materials Description	Hazard Class Division	Identification number	Packing Group
Chlorine	2.3	UN1017	N/A

7. SAFETY CONTROL MEASURES:

- a. Prescribed packagings are DOT specification tank cars authorized for the material specified meeting all DOT specification requirements.
- b. Any manually operated switch, under the proprietary control of the exemption holder, providing access to the track on which the equipment is located must be lined against movement to that track and locked with an effective locking device operable only by a representative of the facility.
- c. The facility operator must install a bi-directional derail in an effective location (at least 50 feet when possible) from the end of the equipment to be protected by the caution sign. The person performing the unloading operation must lock the device in the derailing position with an effective locking device operable only by a representative of the facility.
- d. The facility operator must designate an employee responsible for on-site monitoring of the transfer facility in the absence of the unloader. The designated employee must be made familiar with the nature and properties of the product contained in the tank car, procedures to be followed in the event of an emergency; and, in the event of an emergency, have the ability and authority to take responsive actions.
- e. When a signaling system is used (including a monitoring system or a sensing device), the system must be capable of alerting the designated employee in the event of an emergency and providing immediate notification of any monitoring system malfunction. If the monitoring system does not have self-monitoring capability, the designated employee must check the monitoring system hourly for proper operation. (For recommendations on the selection, installation and maintenance of signaling systems see NFPA 72 - Installation, Maintenance and Use of Protective Signaling Systems.)

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f. In the absence of the unloader:

- (1) the tank car and facility shutoff valves must be secured in the closed position;
- (2) no product may be transferred; and
- (3) the requirements of § 174.67(a)(2) and (3) apply.

g. The transfer facility shutoff valve must be located as close as practicable to the point of connection between the transfer system and the tank car and in a manner that will minimize the release of product in the event of hose rupture or separation. The facility operator must take appropriate steps to prevent rupture of transfer hoses due to product expansion (i.e., liquid expansion chambers or hoses with an increased minimum burst pressure rating.)

8. SPECIAL PROVISIONS:

a. The facility operator must have written safety procedures on file at each location that uses this exemption. The facility operator must instruct each employee performing any function under this exemption on the contents of these procedures and ensure compliance with them. The written procedures must contain at least the following:

- (1) A physical description of the facility including the address and hours of operation.
- (2) A drawing of the transfer facility showing natural and manmade barriers, locations of protective equipment (i.e., derail and caution sign), locations of emergency equipment and locations of signaling equipment.
- (3) Procedures for monitoring the transfer facility [see paragraphs 7(a) and (b)].

- (4) Information on the contents of the tank car including:
 - (i) chemical or common name of the product
 - (ii) health and physical hazards involved in handling the product
 - (iii) emergency and first aid procedures
 - (5) Procedures for securing the transfer facility and protective equipment including derail, switch locks, tank car brakes, caution sign and wheel blocks.
 - (6) Equipment available for employee safety and procedures for using the equipment.
 - (7) Procedures and limitations for movement of tank cars in the vicinity of the transfer facility.
 - (8) Testing and maintenance of system components including signaling systems.
 - (9) Training requirements for designated employees responsible for monitoring the transfer facility.
 - (10) Procedural steps in the event of an emergency, including names and phone numbers of key personnel and public agencies to contact.
 - (11) Procedures for reviewing incidents to determine whether the written procedures require revision or modification to prevent future occurrences and amending those procedures when the review necessitates changes.
- b. The facility operator must have on file, at each location using this exemption, a current copy of the Chlorine Institute Manual and the Chlorine Institute's Pamphlets 6, 57 and 66 for information on employee training and safety, emergency measures and recommended procedures for the installation of piping systems and emergency shut off facilities.
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c. The facility operator must establish and maintain liaison with fire, police and other appropriate public officials to learn the responsibilities and resources of each governmental agency that may be called upon to respond to an emergency involving the tank car and transfer facility and acquaint the officials with the facility's capabilities and procedures in the event of an emergency.

d. The marking requirements in § 172.302(c) are waived.

e. 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 modification or change is made to the package or its contents and it is reoffered for transportation in conformance with this exemption and the HMR.

f. 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: Rail freight.

10. MODAL REQUIREMENTS: None as a requirement of 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:

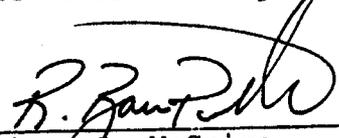
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, Parts 171-180.
- o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 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 the 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.:


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

MAR 1 0 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.

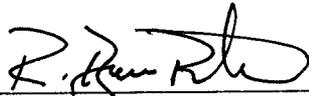
Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions>. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: sln

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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
Brenntag Mid-South, Inc. Henderson, KY	Nov 11, 2003	Dec 04, 2003	Nov 30, 2005
Ferro Corporation Delaware River Plant Bridgeport, NJ	May 28, 2004	Jun 01, 2004	Nov 30, 2005



Robert A. McGuire

for Associate Administrator for
Hazardous Materials Safety

JUN 1 2004

(DATE)