



SPECIAL PERMIT NO. 2637

This Special Permit is issued pursuant to the terms of Section 71.6(a) of the Canadian Transport Commission's "Regulations for the Transportation of Dangerous Commodities by Rail" to authorize the shipment of certain Nonflammable gas 2.2 by rail in Canada, under conditions prescribed herein, and does not relieve any shipper or carrier from compliance with any requirement of the Commission's Regulations, except as specifically stated.

1. BASIS

Letter dated February 12, 1986 from Minnesota Valley Engineering,
407 - 7th Street N.W., New Prague, Minnesota, U.S.A. 56071

2. COMMODITY CLASSIFICATION

Nonflammable gas 2.2.

3. COMMODITY NAME

Carbon dioxide liquefied.

4. IDENTIFICATION NUMBER

2187.

5. REGULATION AFFECTED

Section 73.304.

6. AUTHORIZED SHIPPER

Minnesota Valley Engineering, its agents, distributors and customers.

7. PACKAGING DESCRIPTION

(a) Cylinders conforming to CTC specification 4L designated as Models MCDU-400A and MCDU-500 built in accordance with Drawing D-22602 on file with the Director of Operation.

(b) The maximum allowable filling density must be as follows:

<u>Pressure Relief Valve</u>	<u>Per Cent - Filling Density</u>
Setting - psig	CO ₂
325 to 350	<u>97.0</u>

(c) Each cylinder must be protected with at least one pressure relief valve and at least one frangible disc complying with Section 73.34(d). The relieving capacity of the safety devices must

be in accordance with CGA Pamphlet S-1.1 on a bare tank basis. Inlet to pressure relief valve must be in vapor space near the horizontal centerline.

8. SPECIAL REQUIREMENTS

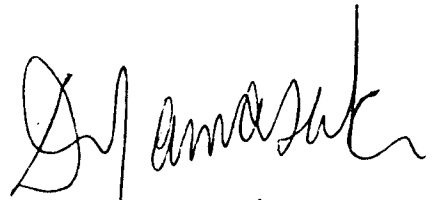
Each cylinder must be plainly marked on both sides near the middle, in letters at least two inches high on a contrasting background "CTC SP-2637" or "CTC/DOT-E 9176".

9. REPORTING REQUIREMENTS

The Director of Operation shall be advised of any incident involving loss of contents and shall be provided with a summary of experience before the expiration date of the Special Permit.

10. EXPIRY DATE

February 18, 1987



Director of Operation
Railway Transport Committee

Issued at Hull, Quebec
this 18th day of February, 1986

Address all inquiries to:

Director of Operation, RTC
Canadian Transport Commission
25 Eddy Street, 14th Floor
Hull, Quebec
K1A 0N9