

1

> Return address P.O. Box 20901 2500 EX The Hague

Chemgas Shipping B.V.
to: A. Smit Roeters
P.O. Box 23075
3001 KB ROTTERDAM
The Netherlands

Mobiliteit

Directorate-General for
Mobility

Plesmanweg 1-6
P.O. Box 20901
2500 EX The Hague
T +31 70 351 6171
F +31 70 351 7467
www.verkeerenwaterstaat.nl

Contact

Catelijne Hart

T 070-351 1457
catelijne.hart@minvenw.nl

Date 5 February 2010
Subject Special Authorization

Our reference

VenW/DGMo-2010/1260

Your reference

-

Enclosure(s)

1

Dear Mr Smit Roeters,

During the meeting held in Geneva from 25-29 January 2010, the ADN Safety Committee and ADN Administrative Committee approved the Dutch proposal for insertion into table C of ADN 2011, of the Special Authorization delivered to Chemgas for the transport of Carbon Dioxide, refrigerated, liquid UN2187.

There were no comments made as regards content. However, the French version that was discussed will be revised grammatically in some places. I include the Dutch version as it does not need any further amendments.

A copy will be sent to the UNECE-secretariat.

Yours sincerely,

THE MINISTER OF TRANSPORT, PUBLIC WORKS AND WATER MANAGEMENT
On his behalf
HEAD OF UNIT, SAFE TRANSPORT

Drs. R. B. de Haan

Annex to VenW/DGMO-2010/1260

1	2	3a	3b	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
UN No. or substance identification No.	Name and description	Class	Classification code	Packing group	Dangers	Type of tank vessel	Cargo tank design	Cargo tank type	Cargo tank equipment	Opening pressure of the high velocity vent valve in kPa	Maximum degree of filling in %	Relative density at 20 °C	Type of sampling device	Pump room below deck permitted	Temperature class	Explosion group	Anti-explosion protection required	Equipment required	Number of cones/blue lights	Additional requirements Remarks
2187	CARBON DIOXIDE, REFRIGERATED LIQUID	2	3A		2.2	G	1	1	1		95		1	yes			no	PP	0	31, 39

Remark 39.

- (a) The joints, outlets, closing devices and other technical equipment shall be of such a sort that there cannot be any leakage of carbon dioxide during normal transport operations (cold, fracturing of materials, freezing of fixtures, run-off outlets etc.).
- (b) The loading temperature (at the loading station) shall be mentioned in the transport document.
- (c) An oxygen meter shall be kept on board, together with instructions on its use which can be read by everyone on board. The oxygen meter shall be used as a testing device when entering holds, pump rooms, areas situated at depth and when work is being carried out on board.
- (d) At the entry of accommodation and in other places where the crew may spend time there shall be a measuring device which lets off an alarm when the oxygen level is too low or when the CO₂ level is too high.
- (e) The loading temperature (established after loading) and the maximum duration of the journey shall be mentioned in the transport document.