

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations (Northern Ireland) 2010 (as amended)

Authorisation No. 01/2021 Revision 1

Applicable to Carriage by Road Only

This authorisation is given in accordance with regulation 9 of The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations (Northern Ireland) 2010 (as amended) (CDG 2010).

PURPOSE

To permit;

Glenmore Generation Limited, 11 Mill Avenue, Sion Mills, Strabane, County Tyrone BT82 9HE, a subsidiary of Southgates Estates Ltd. Glenmore Estate, Aghaveagh, Cloghan, County Donegal. F93Y6YW, the continued use of multiple element gas containers (MEGCs) for the carriage of Biomethane (UN No. 1971) in Northern Ireland.

This authorisation provides an exemption from the provisions of;

- ADR 4.1.4.1, P200 (9), that pressure receptacles which make use of composite materials have maximum periodic test period of five years, and
- ADR 6.8.3.4.12, that from the date of initial inspection and test of MEGCs, the elements of which are receptacles, the MEGCs are inspected at not more than five-year intervals,

The MEGCs carry Biomethane (UN No. 1971) from an anaerobic digestion plant at Glenmore Estate, Aghaveagh, Cloghan, Co. Donegal to one of five Combined Heat and Power (CHP) plants in Northern Ireland, as part of a large cross-border renewable gas project.

TIME LIMIT

This authorisation is effective immediately and remains valid until 31st May 2022 unless otherwise revoked or superseded.

ALTERNATIVE CARRIAGE PROVISIONS

This authorisation permits the carriage of Biomethane (UN No. 1971) subject to compliance with the following supplementary provisions:

1. This authorisation is limited to use only on roads in Northern Ireland and applies only to the MEGCs identified in this authorisation.
2. The MEGCs covered by this authorisation are those manufactured by Technoimpianti APM, Italy, of manufacturer serial numbers GC0019 to GC0032 inclusive, the elements of which are pressure receptacles made of composite materials, manufactured by Hexagon, Lincoln, Nebraska, USA, Batch Nos. 3345, 3346 and 3347.
3. The periodic inspection for each MEGC will be performed at the inspection premises of TankSafe Solutions Limited, 18 Cockhill Road, Maze, Lisburn, BT27 5RS, under the control of Arrowhead Industrial Services (EU) (AISEU), Unipessoal Lda, Rua da

Igreja No. 79, Aviero Business Centre, 3810-744 Aviero, Portugal (AISEU, notified body number 2880).

4. The inspection of the MEGCs will be performed in accordance with ADR 6.8.3.6 for the MEGCs and standard ISO 11623:2015 for the pressure receptacles.
5. AISEU inspectors will be present throughout the 14-month inspection programme for the periodic inspection of pressure receptacles in accordance with ISO 11623:2015 and the MEGCs in accordance with ADR 6.8.3.6.
6. Each MEGC shall be inspected before, during and after filling, by ADR certified drivers. These inspections will take the form of an external visual inspection for evidence of impact, chemical and heat degradation; driver pre-connection inspection and post connection inspection, with each driver using a specified application for the recording of defects.
7. The MEGCs shall be filled and emptied using pressure and temperature control, and the temperature shall be limited to a maximum temperature of 55°C.
8. Interim inspections of the MEGCs shall be performed on the return journey from Belfast, Co. Antrim to Cloghan, Co. Donegal, at the premises of TankSafe Solutions Limited.
9. The transport route must be suitable and appropriate for the vehicle and its consignment. Except for exceptional circumstances, the MEGCs shall use the following routes;
 - a. To Belfast via Strabane and Omagh.
 - b. To Derrylin via Belleek.
10. AISEU shall submit a report of confirmation of success or failure to the Competent Authority within 10 working days, following the completion of each periodic inspection of the 14 MEGCs and the pressure receptacles therein.
11. MEGCs shall be withdrawn from service immediately where defects are identified that affect the integrity of the MEGC or compromise safety, until such times as the defects are remedied.
12. In all other respects, the transport operations performed in accordance with this exemption will comply with the relevant requirements of ADR.
13. A copy of this authorisation must accompany the transport documentation and be made available to anyone who has a legitimate interest in the transport operation.
14. Any incident resulting in loss of containment of a substance during the transport journey shall be reported without delay by the operator to:

Health and Safety Executive for Northern Ireland
83 Ladas Drive
Belfast
BT6 9FR
Email: mail@hse-ni.gov.uk
Phone: 0800 0320 12

15. All other provisions of CDG 2010 shall be complied with at all times.

Kevin Neeson

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K. Neeson
Deputy Chief Executive
15 October 2021