

Multilateral Agreement M276

under section 1.5.1 of ADR concerning the construction of FL and OX vehicles using liquefied natural gas (LNG) as fuel for their propulsion

1. By derogation from the provisions of section 9.2.4, FL and OX vehicles using liquefied natural gas (LNG) as fuel for their propulsion may be equipped with fuel tanks for supplying the engine that do not meet the requirement of 9.2.4.3 (a) provided that the fuel tanks and the engine meet the following requirements:

(a) Fuel tanks

In the event of any leakage in the normal operating conditions of the vehicle, the fuel shall not come into contact with hot parts of the vehicle or the load;

(b) Engine

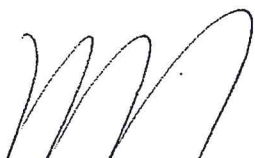
The engine propelling the vehicle shall be so equipped and situated as to avoid any danger to the load through heating or ignition. The use of LNG as fuel shall be permitted if the specific components for LNG are approved according to ECE Regulation No. 110⁴ and their installation on the vehicle complies with the technical requirements of ECE Regulation No. 110¹.

If the vehicle is not fully in compliance with ECE Regulation No. 110¹, it may be used only with the approval of the competent authority of the country of registration, if an equal level of safety can be demonstrated.

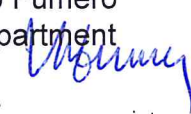
2. This agreement shall be valid until 31 December 2016 for the carriage on the territories of the ADR Contracting Parties signatory to this Agreement. If it is revoked before that date by one of the signatories, it shall remain valid until the above mentioned date only for carriage on the territories of those ADR Contracting Parties signatory to this Agreement which have not revoked it.

Done in Brussels on 22 May 2014

The competent authority for ADR In Belgium


Martine Indot,
Director – General a.i.

Roma, 18 January 2016

The competent authority for ADR
in the Republic of Italy
Dr. Amedeo Fumero
Head of Department


⁴ECE Regulation No. 110 (Uniform provisions concerning the approval of:

- I. Specific components of motor vehicles using compressed natural gas (CNG) and/or liquefied natural gas (LNG) in their propulsion system;
- II. Vehicles with regard to the installation of specific components of an approval type for the use of compressed natural gas (CNG) and/or liquefied natural gas (LNG) in their propulsion system).