
Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

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Interpretation of ADR

22 October 2014

Equipment for handling dangerous goods fixed to vehicles for the carriage of dangerous goods in demountable tanks, tank containers, portable tanks or MEGC's.

Introduction

Vehicles for the carriage of dangerous goods in demountable tanks with a capacity greater than 1 M³ or in tank-containers, portable tanks or MEGC's of a capacity greater than 3 M³ (carrying vehicles) are in some cases fitted with additional service equipment. This equipment is in general not connected to the service equipment of the tank or MEGC during carriage.

The vehicle is approved for the transport of dangerous goods without the tank or MEGC in place and no relation to a specific tank or MEGC can be made.

Chapter 9.7 deals with tank-vehicles and carrying vehicles and 9.7.2 addresses the possible tank or MEGC. However none of the examples in 9.7.2 seems to touch the additional service equipment.

Recently an application for an ADR certificate of approval is made for a mobile Liquefied Natural Gas (LNG)/Compressed Natural Gas (CNG) filling station comprising a portable tank and a vehicle for the carriage of containers with additional service equipment such as dispensing units with metering devices and an evaporator to create CNG.

There are safety concerns regarding the exposed evaporator when no portable tank is fitted and if the users decides not to disconnect the additional service equipment from the service equipment of the portable tank before carriage, the risk for wrenching off and loss of product.

Interpretation question

The representative of the Netherlands is interested in the opinion of the WP.15 on how to deal with additional service equipment on carrying vehicles and mobile filling stations.
