

TÜV certificate 286/2018/040

Proof for submission to a technical inspection centre or approved technical inspection body for approval of dangerous goods vehicles according to § 14 paragraph 4 GGVSEB (ordinance on the national and international carriage of dangerous goods by road, rail, and inland waterways).

(This certificate is based on the advisory opinion GA 286/2018/040 of 13.07.2018)

The presented vehicle is equipped or was retrofitted with an Indel B stationary air conditioner type: SW024T23IB model: Sleeping Well oblò aircon 1600 / Fresco 5000 RT or Cooltop RTE 16 (all identical). If a special approval in accordance with 9.1.3.5 ADR is requested or the vehicle has such an approval and a prolongation inspection is pending, constructional and operational requirements in accordance with ADR chapter 9.2 – 9.8 have to be fulfilled.

The company Indel B S.p.A has commissioned our company TÜV Rheinland with a admissibility review according to dangerous goods regulations of the installation and operation of the stationary air conditioner in advance.

- **Installation and operation is legitimate in all vehicles for dangerous goods transports as long as the operation and installation instructions prescribed by Indel B S.p.A are complied with and**
- **if a special approval as EX/II- EX/III- FL or AT is or becomes necessary one of the reviewed and above-mentioned stationary air conditioners may be installed and operated if the following requirements of the dangerous goods regulations are met**

For this purpose visual, functional and effectiveness inspections are to be carried out.

ADR 2017	Vehicle component	Vehicle type designation				check item
9.2.2.1 9.2.2.2.1 / 9.2.2.2.2 9.2.2.8	electrics, general requirements cables and additional protection battery master switch and permanently energized circuits	EX/II EX/II	EX/III EX/III	FL FL	AT AT	visual inspection, installation design, secure attachment, installation
9.2.4.7.3 9.7.8	automatic shutdown electrics in zone 1 tank vehicles		EX/III	FL FL		Function test, connection via the battery master switch acceptable visual inspection, installation in zone 1 not permitted

If one of the above-mentioned check items is considered as not fulfilled, the corresponding vehicle type designation must not be assigned or extended. Further dangerous goods-relevant requirements resulting from installation and operation of a stationary air conditioner are structurally met.

The review of the dangerous goods-relevant requirements is based on the ADR 2017.

D-51105 Cologne, July 13, 2018
TÜV Rheinland Kraftfahrt GmbH




M. Dämmer (head of dangerous goods department)

Confirmation of installation in accordance with operating and installation instructions Indel B S.p.A.