



## EU Type Examination Certificate CML 14ATEX9104X Issue 3

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **GVR Container**
- 3 Manufacturer **Gilbarco GmbH (formerly known as Gilbarco GmbH & Co. KG)**
- 4 Address **Ferdinand-Henze Straße 9,  
D-33154 Salzkotten,  
Germany**
- 5 The equipment is specified in the schedule of this certificate and the documents to which it refers.
- 6 Certification Management Limited, Unit 1 Newport Business Park, New Port Road, Ellesmere Port, CH65 4LZ, UK, Notified Body Number 2503, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of certification (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:  
EN 13617-1:2012      EN 1127-1:2011
- 10 The equipment shall be marked with the following:



Ta = -40°C or -20°C to +40°C or +45°C or +50°C or +55°C  
(dependent on electric components fitted)



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## 11 Description

The GVR Container is intended to store, and in conjunction with an AdBlue dispenser, dispense non-hazardous, urea based exhaust conditioning fluid. It is intended to be mounted on a petrol filling station forecourt. The tank size and footprint may vary according to storage capacity.

The containers are intended for use with AdBlue conditioning fluid. But may be used for other liquids that do not create a potentially explosive atmosphere at the stated ambient temperature range.

The equipment comprises a steel cabinet containing the product storage tank with a pump assembly mounted either at the top of the cabinet or submerged in the tank. The GVR container control devices to allow filling of the storage tank from a mobile tanker, and to deliver the liquid to a dispenser, are also mounted within the cabinet. The outlet hose passes out of the cabinet and into an adjacent AdBlue dispenser which may include hydraulics for dispensing liquid fuel.

Optionally, the tank and hose may be fitted with suitably approved trace heat cable, controlled via a thermostat located at the top of the cabinet. The trace heating connections are made either in the safe area of the cabinet or within the associated dispenser.

### Variation 1

This variation introduces the following modifications:

- i. To allow an alternative trace heating cable to be fitted. An additional Condition of Manufacture has been included for this modification.
- ii. To allow an additional internal tank heating arrangement to be used
- iii. To allow an alternative underground hose entry.

### Variation 2

This variation introduces the following modifications:

- i. To update the certificate to reference Directive 2014/34/EU.
- ii. To allow the extension of the lower ambient service temperature to -40°C.

### Variation 3

This variation introduces the following modifications:

- i. To change the manufactures name from Gilbarco GmbH & Co. KG to Gilbarco GmbH (Formerly known as Gilbarco GmbH & Co. KG).



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## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	19 Dec 2014	R345A	Issue of the prime certificate
1	04 Nov 2015	R780A/00	To introduce variation 1
2	27 Oct 2016	R1621A/00	To introduce variation 2
3	01 Sep 2017	R11324A/00	To introduce Variation 3

Note: Drawings that describe the equipment or component are listed in the Annex.

## 13 Conditions of manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

- 13.1 Where the product incorporates certified parts or safety critical components the manufacturer shall ensure that any changes to those parts or components do not affect the compliance of the certified product that is the subject of this certificate. A copy of the certificate for the separately certified parts shall be provided as part of the GVR Container documents.
- 13.2 The electrical circuit of each GVR Adblue Container shall be subjected to the routine electrical tests required by clause 6.2.1 of EN 13617-1:2012.
- 13.3 The upper ambient temperature marked on the label shall be appropriate to the separately certified parts fitted.
- 13.4 When T4 Trace heating is to be routed along the hose and terminates within the enclosure, if the heating cable enters via the same sealing point as the hose, both the hose and the sealing material shall be suitable for the trace heating temperatures.

## 14 Conditions of Certification

The following conditions relate to safe installation and/or use of the equipment.

- 14.1 The installer shall be provided with a copy of the equipment instructions and specifically the zoning diagram such as to ensure that the equipment is correctly positioned and interconnected with respect to other, adjacent, forecourt equipment.