DNV·GL

Certificate No:
TAS00001AU

TYPE APPROVAL CERTIFICATE

This is to certify:

That the fixed tank truck and tank trailer

with type designation(s)
Transport tank truck: **CM-K/20 & CM-K/26**
Transport tank trailer: **CM-K/27**

Issued to
Sliško d.o.o.
Žepce, Bosnia and Herzegovina

is found to comply with

Application :

Transport tank ADR 2017 chapter 6.8/EN-13094:2015.
Tank code LGBF. Special provisions: N/A

Design data:

Working pressure (bar g)	**0,120**	**Brutto volume (m3)**	**19,5, 26 & 27**
Test pressure (bar g)	**0,382**	**Design temperature (ºC)**	**-20 / +50**
Test pressure filling pipes (bar g)	**10**	**Material (shell)**	**EN AW-5182 H111**
Test pressure compartments (bar g)	**0,35**	**Min.actual thickness (mm)**	**Shell/ends: 5,0/7,0**

Optional material for ends, bulkheads, shell partitions:
EN AW 5083 H111

Issued at **Høvik** on **2018-04-11**
This Certificate is valid until **2028-04-11**.
DNV GL local station: **Oslo Pressure Equipment**

Approval Engineer: **John Poulsson**

for **DNV GL**

Marianne Spæren Marveng
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Job Id: **262.1-027405-1**
Certificate No: **TAS00001AU**

Product description
Tank truck, volume 19,5m3
Tank truck, volume 26,0m3
Tank trailer, volume 27,0m3

Fabrication site
The tanks are fabricated at Sliško d.o.o.
Lug bb, Ozimica, 72238, Žepce, Bosnia and Herzegovina

Application/Limitation
The type approval is limited to the profiles given on the approved drawings listed below for each type. Number and volume of individual compartments may vary, but overall height, width, length, shell and end thickness, materials, protection against damage to shell and protection of service equipment shall be per to approved drawings.

Only substances permitted under the tank code and special provisions are allowed to transported. Any goods which may react negatively with the materials of the tank, its equipment, or any parts in contact with the substance shall not be transported. Ref.: ADR 4.3.2.1.5.

Each manufactured tank shall be subject to the initial inspection required by ADR chapter 6.8.2.4.1, and carried out according to EN-12972 by an Inspection Body accepted by the Norwegian Authorities. As basis for the control it shall be prepared a drawing of each tank showing main dimensions, arrangement of attachments, service equipment and structural equipment, including a reference to this type approval.

It is the manufacturers responsibility that tanks produced to the Type Approval are in accordance with the approved prototype.

Type Approval documentation
The type approval has been based on the documentation listed below, which has been reviewed by DNV

Common drawings for all types:

Tests carried out
Prototype test according to ADR2017 Ch. 6.8 and EN-12972:2007 was carried out by DNV GL Rijeka office on tank with serial number C-34/130-17, C-35/131-17 and C-36/132-17. Ref.: Inspection reports N141HZ45, N141HZ4Y and N141HZ44 dated 2018-03-15.

Production Site Name: Sliško d.o.o. Žepce, Bosnia and Herzegovina

Marking of product
Each tank shall be marked according to ADR 6.8.2.5 and equipped with a name plate containing the information required by ADR 6.8.2.5.1.

Terms and conditions
The following may render this Certificate invalid:
- Changes in design or construction of the product.
- If the relevant technical requirements of ADR (including referenced standards) have changed so that the approved type is no longer in compliance.