



WORKING STANDARD

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OO-K.B.-001

LINE / POSITION Production plant in Trzebina, Production plant in Jedlicze, Production plant in Gdańsk, Production plant in Czechowice-Dziedzice version: 03

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PROCESS DESCRIPTION Requirements for tankers to be filled in Orlen Oil

Photos and description of the activities to be performed

Requirements for tankers to be filled in Orlen Oil

verification takes place in two stages:

- I stage: construction and dedication of the tank
- II stage: visual inspection

I STAGE: CONSTRUCTION AND DEDICATION OF THE TANK

Chemical tanks are dedicated to transporting products manufactured at Orlen Oil plants.

A tanker truck for transporting liquid materials for chemical purposes is made of austenitic steel (a type of stainless steel) and has one or several chambers. It is also equipped with an upper hatch, a bottom valve and a drain port with a joint.



Portable tanks are also intended for transporting products manufactured by ORLEN OIL.



The tank must be equipped with a plate informing about capacity of each chamber - **this is**

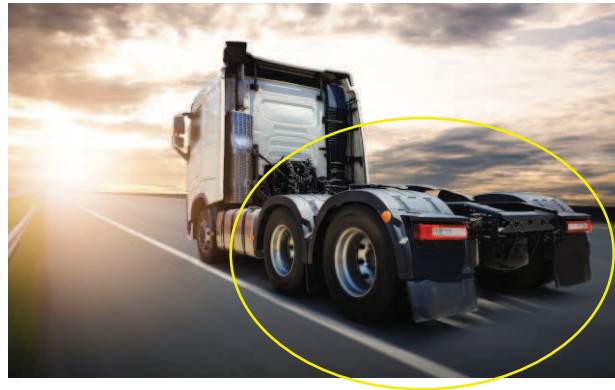


Conditions the tank must meet in order to be filled in ORLEN OIL.

1. Loading is possible from the top and from the bottom (in Trzebinia it is only possible from the bottom). Drain port of each chamber should be separate and equipped with DIN 28450 joint (Euro DN-80 joint), as presented on the picture below. **Correct type of joint is a necessary condition.**



2. The total gross weight of the vehicle after filling **cannot exceed 40 Mg**. It is permissible to exceed the gross weight of 44 Mg only if it is a multimodal transport (for rail or sea transport) and the road tractor unit is equipped with an additional axle (as in the photo below).

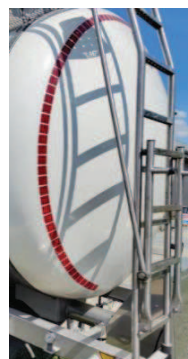


3. Loading into tankers with a common drain collector is permitted, only at the customer's request and consent confirmed by an appropriate declaration (in accordance with the applicable ORLEN OIL procedure in this regard). In such a case, the customer takes full responsibility for the quality of the received product.



4. ADR products **are only packed into road tankers that meet the requirements for the transport of ADR hazardous materials.**

5. Each tank truck must be equipped with a ladder and a platform with a barrier.



Criteria disqualifying a tanker from being filled

1. It is unacceptable to fill cisterns equipped with bottom valves and discharge valves with an emergency closing system. **Fuels type cisterns** are equipped with such a system. It prevents, among other things, checking the pipeline between the bottom valve and the drain valve.



2. It is unacceptable to have **a fuel type connector** on the drain stub.



3. It is unacceptable to fill single-chamber road tankers equipped with bulkheads and with only one hatch installed. These are types of tanks designed to transport asphalt without the possibility of checking the space between bulkheads.



II STAGE: VISUAL CONTROL

The next stage of verification is the inspection of chambers and drain stubs intended for filling, in terms of their cleanliness and dryness. The inspection is carried out in accordance with the standards applicable in the production plants.