



Liquid Bulk cleaning process

4. Procedure:

In bulk transport, our tank containers serve as the packaging for the product. Because the container, hoses and couplings come into direct contact with the product, thorough cleaning is essential. Only perfectly cleaned equipment enables us to guarantee the quality and safety of our customers' products during loading.

Before cleaning, responsibility of the planner:

- Books and schedules the cleaning and provides information about the previous load(s) and any customer-specific cleaning requirements.





Before cleaning, responsibility of the driver

- Wear the correct PPE.
- Check that the tank container is depressurised before opening any components.
- Be aware of risks such as nitrogen, carbon dioxide or other gases, and ADR/dangerous goods.
- Report any residual load to the planner immediately.
- Remove all applied product-related labels from the tank container.
- Present the cleaning information from the on-board computer/app when registering.
- Prepare covers, couplings, air lines and hoses for cleaning.
- Remove loose couplings and accessories from boxes and tubes.
- The pump is opened by the cleaning station personnel in the cleaning bay, as opening it earlier would cause a spill. Ensure that the pump rotates slowly during cleaning; this is the only way to clean the pump properly.
- Leave the bottom valve(s) and discharge valves closed. These will be opened by the cleaning station personnel to prevent spills.

During cleaning

- Be alert to the risks of hot water, steam, cleaning agents and slippery floors.
- Ensure that dirty cleaning water does not fall onto the chassis, but directly onto the floor of the cleaning bay.
- If you are not permitted to be present during cleaning, check everything possible afterwards.

After cleaning

- Ensure that you have checked everything before leaving the cleaning station premises.
- Important: once you have signed the cleaning certificate, the cleaning station will assume that you have accepted the cleaning as having been carried out correctly. It will then no longer be possible to raise an objection.
- Always allow the loading unit to air out. This is especially important at low outside temperatures to prevent condensation.

Top-side inspection:

Start the inspection at the top of the tank container and work from front to rear. The following points must be checked thoroughly:

- Manholes, covers and gaskets
- Air valve and blanking cap, if not bottom-operated
- Spill trays: check that they are clean and that water drains through the drain pipes.
- Check that the gaskets are still correctly positioned and clean.

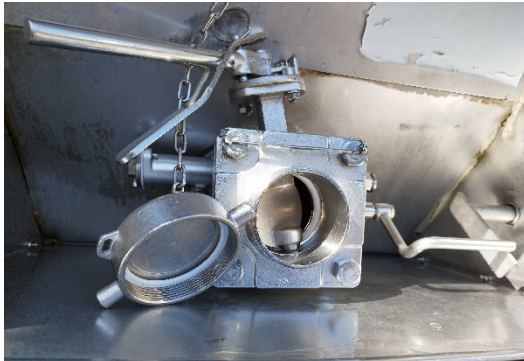


If everything is clean and dry, fit the cover as shown in the photograph below and close and seal the customs cover.



Rear-side inspection:

- Air line + blanking cap
- Outlet, product valve and blanking cap
- Do not close the outlet, as this increases the risk of condensation.
- If everything is clean and dry, close and seal the outlet box. If the air line is not located in the outlet box, seal its blanking cap separately.





Other checks:

- Discharge hoses and tubes: if clean and dry, seal the hose tubes.
- Coupling set clean, dry and complete.
- Check the seal if you did not seal the loading unit yourself.
- Ensure that no water remains in the air line. In some cases, the tank is permitted to remain wet after cleaning. Examples include:



Orange concentrate



Juices



Glucose



Milk

- In some cases, a certain quantity of rinse water is intentionally left in the tank because it will be analysed at the loading location.
- ATP test



- Certificate: see below:

EFTCO European Cleaning Document		ATCON
NL ATCN06578948		
ts tank cleaning service Alfred Nobelstraat 5 5481 DB Sint-Oedenrode THE NETHERLANDS Tel +31(0)13-477988 Fax +31(0)13-477977		QR code
2 Subcontractor / klant / Customer reference number*	3 Volgate / Serial number	
7-00034398	437482	
4 Klant / Customer	5 Identificatie / Identification numbers	
Van den Bosch Transporten BV HOOVEN 10-12 5489 EM EXP NETHERLANDS	Voertuig / Vehicle Tank, Container, IBC / Tank, Container, IBC 1227 OH-78,74	1
6 Producten / Product	7 Volgende lading / Next Load*	
Food		
8 Laatste lading / Previous load	9 Reinigingsprocedures / Cleaning Procedures	
Comp. LIN N°	EFTCO Code / Omschrijving / Description*	
1 CORN STARCH	P10, C10, P10	
2		
3		
4		
5		
6		
7		
Comp. 10 Aanvullende werkzaamheden / Additional Services		
1 x P30	1 x E55	
1 x E90	1 x E50	
1 x E50		
11 Opmerkingen / Comments		
Beats a70761, a70762, a70763, a70764, a70765, a70766, a70767, a70768, a70769, a70770		
Prev. product: CORN STARCH, CORN STARCH		
12 Naam reiniger / Name cleaner*	13 Datum, Tijd in / Out	
Jansen van den Boon	22-10-2018 08:20:00 22-10-2018 08:39:00	
Het tankreinigingsstation en de chauffeur bevestigen dat bovenvermelde diensten en de tank is reinigend worden uitgevoerd (zie EFTCO definities van 'spontingel' / The cleaning station and the driver confirm that the above services to clean the tank have been carried out (see EFTCO definition of 'spontingel'))		
14 Tankreinigingsstation / Cleaning Station	15 Chauffeur / Driver*	
Naam / Name Jans van den Boon	Naam / Name	
Handtekening / Signature	Handtekening / Signature	
9		

1	Container number
2	Product category
3	Previous product
4	Cleaning procedures
5	Additional services
6	Previous loads
7	Seal numbers
8	Date and time in/out
9	Cleaner's signature



Additional cleaning certificate checks:

- Product category: check that this is stated correctly (Food/Chemical/Feed).
- Cleaning procedures and additional services, using the legend on the reverse side.
- Seal numbers correspond with the certificate.

If a code is not stated on the certificate, that activity was not performed. This will result in rejection at the loading location.