

Supplemental Conditions of Acceptance for deliveries in silo truck at the Underground Waste Disposal Plant Herfa-Neurode (As of February 1st, 2022)

Waste characteristics

- All wastes need to be pneumatically transportable.
- Wastes may not contain agglutinations, chunks, sharp-edged materials or similar.
- Wastes may not contain foreign materials, in particular metal parts.
- Wastes may not outgas.
- Wastes may not be dust-explosive:
 - Theoretical aluminum content <10%; determined for atomized, aluminum-containing wastes from determining gas development in strongly alkaline environment (caustic soda).
 - At the time of silo-delivery waste temperature may not exceed 80°C.

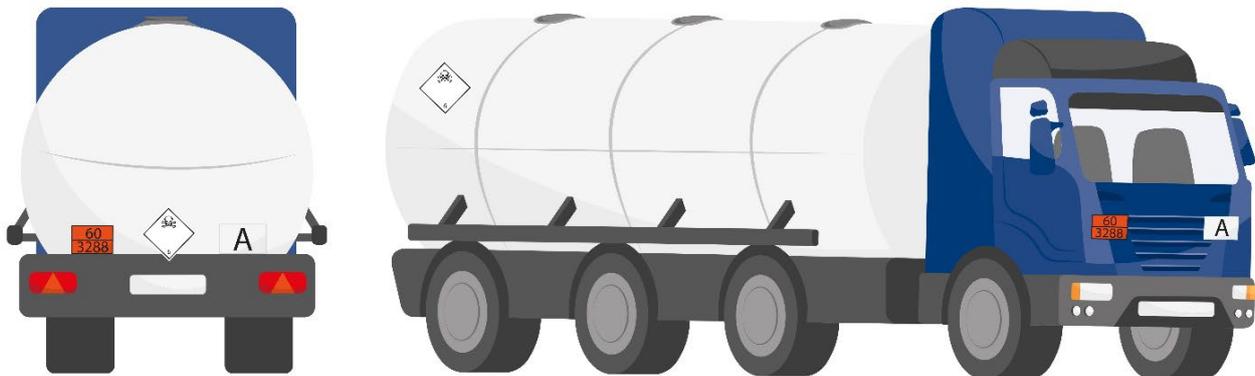
Silo vehicles

- Trucks and containers need to be in good technical condition.
- The containers or silos used must be equipped with storz couplings (conveyance size A) for unloading; it must be possible to secure the coupling connections using factory clamps.
- The legally prescribed container tests must have been carried out and noted on the type plate.
- Silo-containers or silos may not be equipped with gauge glasses in conveyance equipment.
- The silo boilers must be designed for an operating pressure of at least 2 bar (overpressure); the permissible operating pressure must be noted on the type plate.
- The pressure relief valve needs to be adjusted to the maximum operating pressure, and needs to be fully functional.

Truck stuff

- When the silo truck is being unloaded, drivers stay in the area of the silo outlet and monitor the unloading process so that problems can be addressed at any time.
- Drivers must wear personal protective equipment, at least safety shoes, helmet and safety glasses. A mask and gloves must be carried in the vehicle and worn when instructed.
- Drivers must have knowledge of German or English for good communication.

Labeling of the silo truck



Example of labeling based on UN 3288.