



Instruction leaflet for bulk deliveries (bunker) – waste treatment center Biebesheim

Delivery conditions

The purpose of this leaflet is to describe the delivery conditions for the disposal of solid waste in the bunker of the HTI in order to achieve a simple and quick delivery process.

The delivery form is laid out in a binding manner in the offer or certificate of disposal/notification and is oriented by the properties, composition and quantity of waste, as well as the technical capabilities of the plant. It is thus imperative that it be complied with.

The waste must correspond in its entirety to the information provided to us (safety data sheets, descriptions, photos, analyses, etc.). Deviations may be invoiced with costs. Further rights remain reserved.

If deviations from the delivery form are unavoidable, please urgently get in touch with your sales contact before delivery. For all other questions on waste disposal, our sales contacts are also available to you.

In addition, our General terms and conditions (version of: 01.06.2022) as well as the general information from leaflet A apply (the documents can be found on our website www.indaver.de under "Service"). If necessary, you can always request documents to be sent. All leaflets apply in the version valid at the time of delivery.

Definition

Bulk waste within the meaning of this leaflet is solid to paste waste from industry, commerce, collection and hazardous substance collections (e.g. polluted operating materials, paint waste, soils, wastewater sludge, filter cake, tank cleaning residues, etc.). The waste delivered to our installation must always respect the criteria mentioned here so that a damage to our system technology is excluded.

Delivery forms

The delivery to the bunker is possible as bulk material in containers, skips, semi-trailers and ASPs or on pallets (drums, cardboard boxes etc.).

General acceptance conditions for the bunker

- Consistency: solid to semi-solid
- pH value: > 4
- Delivery temperature: < 35 ° C
- Ignition temperature: > 23 ° C *

(* according to operational ignition test) A random sample of the waste is briefly shaken in a covered sample vessel, the lid removed and a flame (Bunsen burner, lighter) is held in the gas phase. If ignition/deflagration occurs, it must be concluded that solvent is contained with an ignition point at ambient temperature.

The following acceptance conditions apply:

- No free liquid → free liquids must be bound with a suitable binding agent. Conditioning must be carried out in such a way that no free liquid can arise during transport
- No dust formation when emptying or tipping the waste
- Bulk waste must not contain any objects that exceed an edge length of 50 cm (e.g. hoses, pipes, boards)
- The diameter of massive parts (e.g. blocks of wood, stones, rubble) must not exceed 20 cm; mono batches of these massive parts are excluded
- Foils, filter tapes etc. max 1 m long
- Empty big bags are excluded

- Hobbocks (jerry cans, cardboard boxes, barrels) filled with solids or completely emptied up to a maximum volume of 30 liters each
- Remaining contents in emptied hobbocks must also comply with the above general acceptance conditions

The following criteria apply in the case of delivery as piece goods:

- The units must be tightly closed, clean on the outside, intact and approved and suitable for the content
- No pressure build-up in the closed barrels due to the waste they contain
- Each barrel must be labelled with the information described in leaflet A.
- All extraneous labelling and inappropriate hazard labels must be removed.
- Drums/barrels must be delivered on fully intact and sturdy, standard commercial wooden pallets.
- Secure adequately to ensure safe unloading and handling.
- Only barrels of the same notification may be assembled on each pallet.
- No delivery of pallets in roll-off containers or skips

For waste that you have agreed with your customer team, you will receive a "coordination number". This number must be specified when registering (or in the registration form) and in the Movement Document for Transfrontier Movements. Furthermore each transport container must also be labeled with it.

Basic chemical qualities

Unless otherwise agreed in the offer/notification, the following basic qualities apply:

- Chlorine: < 1 % by weight
- Bromine: < 0.2 % by weight
- Iodine: < 0.1 % by weight
- Fluorine: < 0.1 % by weight
- Sulfur: < 0,1 % by weight
- Phosphorus: < 1 % by weight
- Bound nitrogen (total): < 0.5 % by weight
- Arsenic, antimony, selenium, molybdenum < 200 mg/kg each
- Cadmium, thallium < 200 mg/kg each
- Vanadium, tin, manganese < 5 000 mg/kg each
- Chromium, copper, nickel, lead, zinc < 2 500 mg/kg each
- Σ (sodium, lithium, potassium, magnesium, barium) Σ < 5% by weight
- Mercury: < 50 mg/kg
- Silicium (organic) < 3 000 mg/kg
- PCB and PCT total (according to DIN): < 10 mg/kg

Specialties

Waste/materials with the following content and/or properties (regardless of the above-mentioned basic qualities) must be discussed with your contact person in our customer teams prior to a delivery:

- Waste with an ignition point < 23 °C
- Waste with a calorific value > 18.000 kJ/kg
- Extremely malodorous substances
- Waste that is classified as toxic (inhalation, skin contact) (H311, H 331)
- Waste that is classified as carcinogenic (H350, H350i), germ cell mutagenic (H360, H360D, H360F, H360FD), toxic for reproduction (H340), or target organ toxic (H370; H372)
- Waste containing mercury
- Waste containing org. bounded silicium
- Waste containing dioxins

- Waste that is subject to the POP-regulation (persistent organic pollutants)
- Waste that is subject to other legal requirements
- Pesticides
- Glass Reinforced Polyester/ carbon-fibre composite

Excluded

Waste / materials with the following contents and / or properties are excluded from acceptance:

- Reactive, water-reactive, oxidizing, self-igniting, self-heating and self-decomposing substances (e.g. ADR class 4.2., 4.3, 5.1 and 5.2 such as chlorates/chlorites, org./inorg. peroxides, nitrates/nitrites, permanganates, azides, isocyanates, carbides, hydrides, phosphides, metal alkyls, phosphorus red/white etc)
- Waste that is classified as life-threatening (H300, H310; H330)
- Dusty waste
- Waste containing cyanides
- Ultrapure metals and their mixtures
- hazardous artificial mineral fibres (AMF)
- waste containing asbestos
- capacitors
- Lighters, spray cans, gas cartridges (e.g. camping gas), gas bottles
- Infectious waste and germ carriers

For the disposal of the waste / materials excluded here, please contact your contact person in the sales department of the Indaver Deutschland Group.