CIMTO

Testing of packaging

IBC containers

IBC containers in the original intermediate bulk containers are intended for transport and storage of dangerous liquids. We carry out testing and inspections set by international regulations.

Our work is grounded in the authorisation of the Ministry of Transport and certification in transport packaging for dangerous goods and the relevant accreditation.

The containers are ideal for transport and storage of larger quantities of liquids. Their use is very wide, especially in the chemical industry. Here they are used for the transport or storage of acids, gasoline, solvents, lubricants, diesel, alkalis, paints, varnishes, and oils or resins.

What does the packaging look like exactly?

Standard IBC consists of a plastic container, called a **bubble**, of high-molecular polyethylene (HDPE), which is provided in the upper part of the fill hole with removable screw lid. Found in the lower part is the lever of the drain valve with a safety shipping cap. The plastic container is placed in a steel cage with the supporting pallet which is structurally modified so that it is possible to manipulate with a forklift.

For the transport of IBC packaging, the **sender** is responsible for its serviceability, according to international transport regulations. The sender should not forget that, according to international ADR law, the changing of inserts requires a pressure test by an authorized company, and a valid UN code. **On the flip side, the packaging must not be used for the transport of dangerous goods.**

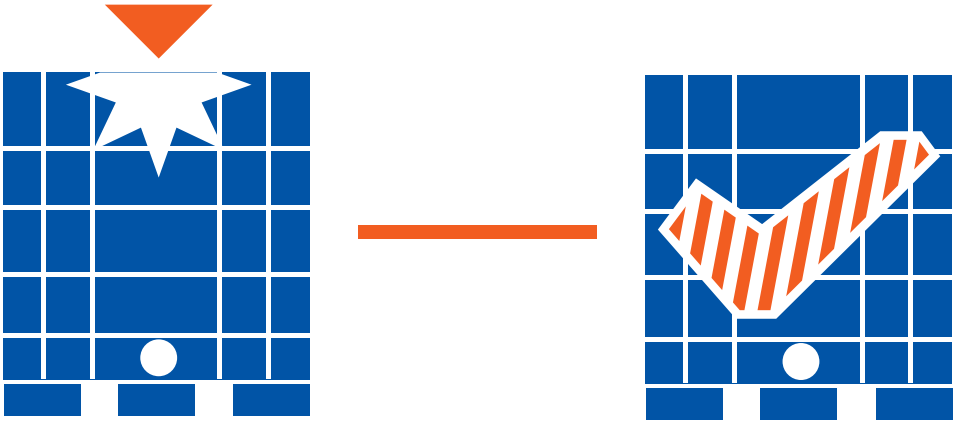
If the sender uses IBC containers without a valid inspection or with an expired service life, he exposes himself to so severe sanctions.

The life of the packaging, inspection and test

The life of the IBC made from rigid plastic is 5 years; for metal IBC containers it is the duration of their life.

For each metal IBC, the IBC from rigid plastic and composite IBC designed for dangerous goods must be inspected and provided with a leak test:

- **before putting into operation (as well as after reconstruction), and then at intervals not exceeding five years**
  - conformity to design type including marking,
  - internal and external condition,
  - uptime of operational equipment.
- **at intervals not exceeding two and a half years**
  - external condition,
  - uptime of operational equipment, and
- **after any repair.**



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