

PACKAGE DESIGN N° 2899

Package Name: ISO Container



Type

The 2899 container is designed as an Industrial Package Type 2 (IP-2) in accordance with the IAEA TS-R-1 Regulations for the Safe Transport of Radioactive Materials.

Certification

Designed to ISO standards and approved as meeting CSC requirements.

Licensed by Croft Associates as an Industrial Package Type 2 (IP-2).

This container was originally designed to be employed as a recovery vessel for use in emergency response incidents (use only at the discretion of regulatory authorities).

Description

The container Design N° 2899 is a large volume container for the transport of bulk quantities or large items of Radioactive Material which conform to the IP-2 category.

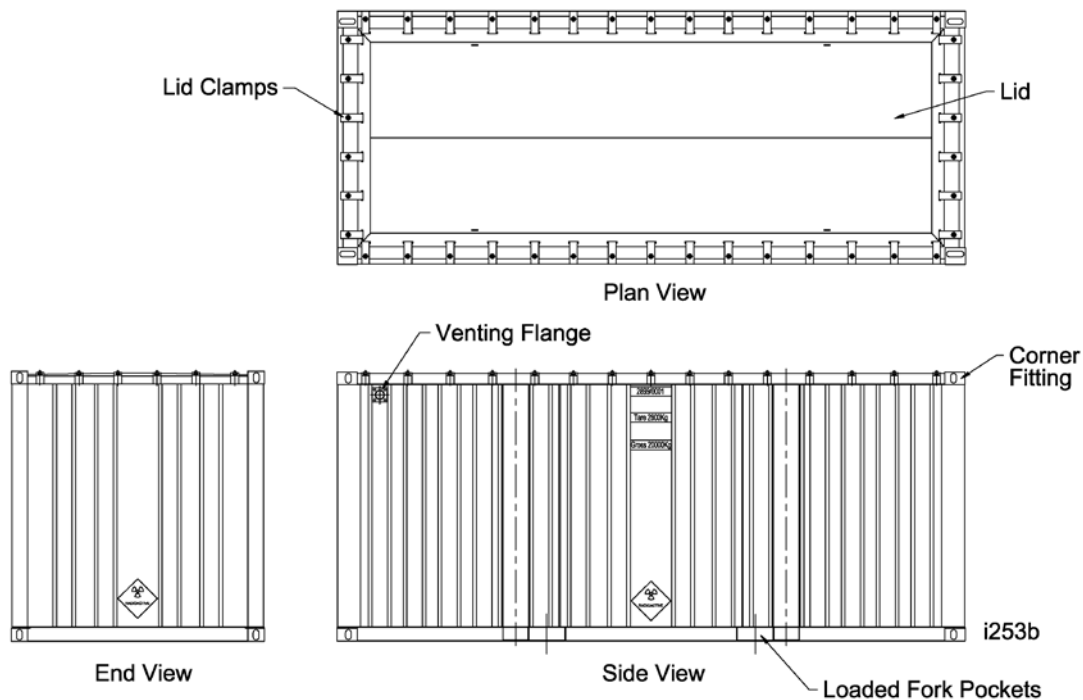
The container is constructed from mild steel and has a removable lid which is secured and fastened on to the container by a bolted closure. The internal and external surfaces are treated with a durable paint finish for corrosion protection.

Containment

ISO Container Design N° 2899 is a resealable containment vessel leak tested on manufacture.

The removable lid has a double seal with an interspace between the seals; the interspace facilitates leakage testing, after closure, to ensure that the seals achieve the prescribed level of leak tightness.

Illustration of Package Design N° 2899



Approved Contents

Radioactive material categorised as Low Specific Activity (LSA) and/or Surface Contaminated Objects (SCO).

Modes of Transport

Road.

Physical Data

| | |
|------------------------------|---|
| Nominal Height | 2.591m (8' 6") |
| Nominal Length | 6.058m (20') |
| Nominal Width | 2.438m (8') |
| Tare Weight | 3.4 tonnes |
| Gross Weight (with contents) | 25 tonnes |
| External Volume | 38m ³ (1360 ft ³) |
| Closure | Resealable, removable top lid with double seals |
| Loading aperture: | |
| Nominal length | 5430 mm |
| Nominal width | 1890 mm |

Variations

The container design can be varied to meet specific requirements - subject to a safety review. It can also be manufactured from other suitable materials, e.g. stainless steel or corrosion resisting mild steel.

Further Information

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