

PACKAGE DESIGN N° 2896

Package Name: ISO Container



Type

The 2896 container is designed as an Industrial Package Type 2 (IP-2) in accordance with the IAEA Regulations for the Safe Transport of Radioactive Materials, TS-R-1.

Certification

Designed to ISO standards and approved as meeting the CSC requirements.

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

Description

The container Design N° 2896 is a large volume reusable container for the transport of bulk quantities or large items of Radioactive Material which comply with the IAEA requirements regarding permissible contents within IP-2 packaging (e.g. LSA, SCO).

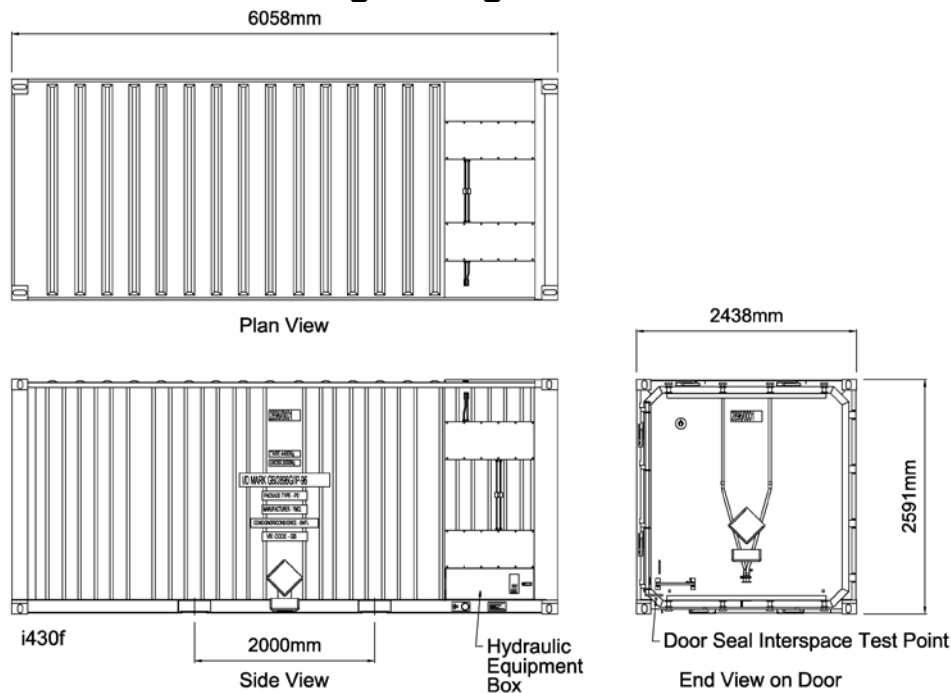
The container is constructed from mild steel and has a large single door at one end, fitted with a double seal system. The door is closed by a hydraulic closure system, and secured with a mechanical locking mechanism. The hydraulic closing system is operated by an air driven pump and is also provided with a manual hand operated back up system. The container is finished inside and out with a durable paint finish for corrosion protection.

The container floor incorporates anchorage points to suit a range of standard handling/tie-down equipment to suit customer needs.

Containment

ISO container Design N° 2896 is a resealable containment vessel leak tested on manufacture. The door is fitted with a double seal (incorporating an interspace) and a seal test point. The door seal can be leak tested in approximately 15 minutes.

Illustration of Package Design N° 2896



Approved Contents

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

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.

Modes of Transport

Road and rail.

Physical Data

	Outer Container 2896
External Height	2.591m (8' 6")
External Length	6.058m (20')
External Width	2.438m (8')
Internal Length	5.848m (19' 2")
Internal Door Height	2.260m (7' 5")
Internal Door Width	2.080m (6' 9")
Tare Weight	4.4 tonnes
External Volume	38m ³ (1360 ft ³)
Maximum weight of contents	20 tonnes
Maximum weight of Package Design N° 2896 including contents	25 tonnes

Further Information

Contact: Croft Associates Ltd, F4 Culham Science Centre, Abingdon, Oxon, OX14 3DB, UK
 Tel: +44 (01865) 407740 Fax: +44 (01865) 407449 E-mail: info@croftltd.com
 Web site: www.croftltd.com