

PACKAGE DESIGN N° 2032

Package Name: ISO Container



Type

Designed as an Industrial Package Type 2 (IP-2) in accordance with the IAEA Regulations for the Safe Transport of Radioactive Material TS-R-1.

Certification

Designed and tested to ISO standards and CSC approved.

Licensed as an Industrial Package Type 2 (IP-2) by Croft Associates Limited: Approval Certificate No 2032A/IP.

Approved by British Nuclear Fuels plc for the disposal of Radioactive Waste at Drigg.

Description

The container Design No 2032 is a large volume container for the transport of bulk waste containing Radioactive Material.

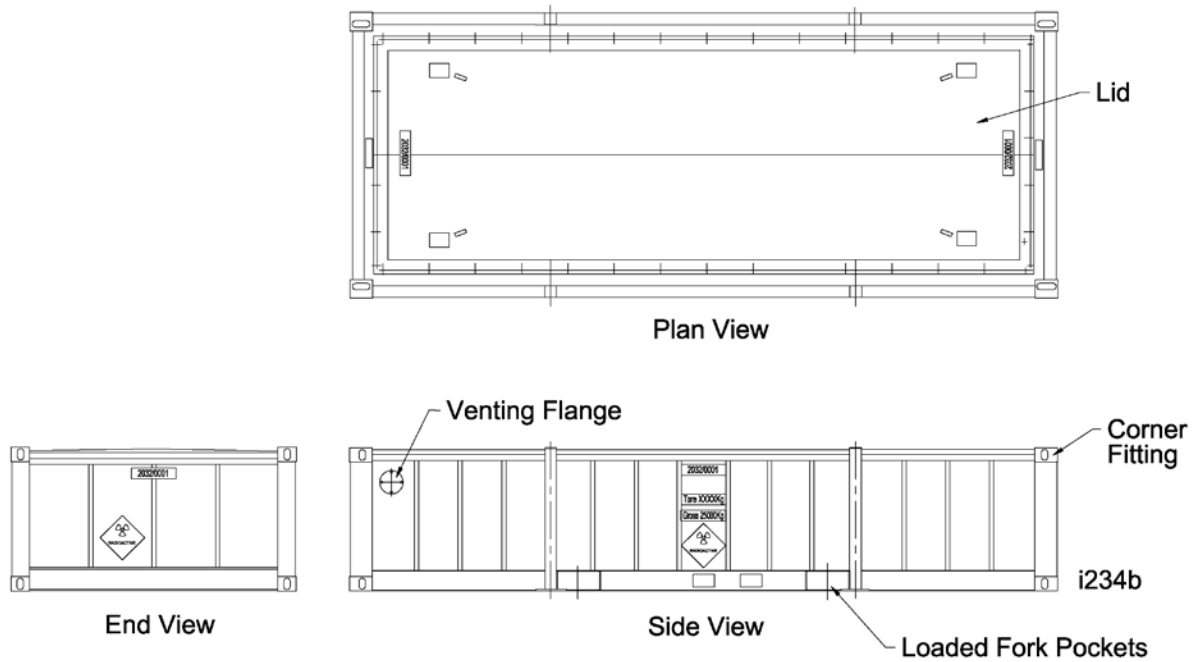
The container is constructed from mild steel and has a removable lid which is secured and fastened on to the container by a bolted closure. The internal and external surfaces are treated with a durable paint finish for corrosion protection.

Containment

Package Design No 2032 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 leak testing, after closure, to ensure that the seals achieve the prescribed levels of leaktightness.

Illustration of Package Design N° 2032



Approved Contents

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

Physical Data

Package Design No 2032	
Nominal Height	4'0" (1.2m)
Nominal Length	20'0" (6.1m)
Nominal Width	8'0" (2.438m)
Gross weight (with contents)	25 tonnes
Tare Weight	2.6 tonnes
External Volume	640 ft ³ (19m ³)
Closure	Resealable, removable top lid with double seals

Variations

Modifications or specific requirements can be accommodated within the design, subject to a safety review. The Container can be constructed and supplied in materials other than mild steel, eg stainless steel or corrosion resisting mild steel.

Further Information

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