



Type

Designed as a B(U)F Package to the IAEA Regulations for the Safe Transport of Radioactive Material , No TS-R-1.

Certification

Certified by the UK Competent Authority: Certificate No GB/2917A/B(U)-85

Description

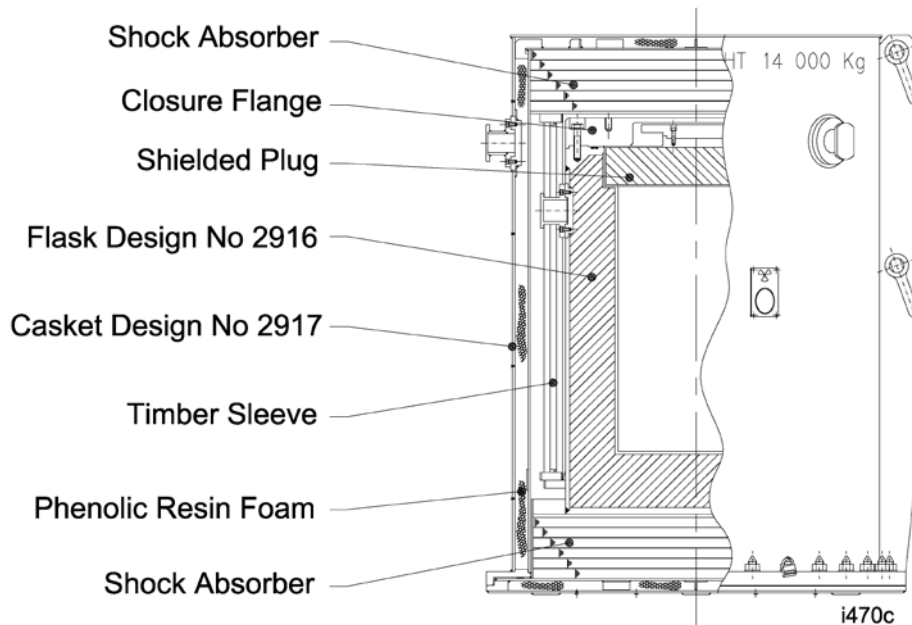
The Outer Container Casket Design No 2917 is a 'double-shell' welded cylindrical casket manufactured in low carbon steel with a circular bolted closure at the base. The space between the 'shells' is filled with phenolic resin foam.

The inner container Flask Design No 2916 is a large cavity shielded flask. The flask is of welded stainless steel construction incorporating lead shielding. Access to the cavity is gained by the removal of a closure flange and the shielded plug.

Containment

The bolted closure flange of Flask, Design No 2916, mates with the body, which is fitted with two 'O' ring seals. The interspace between the 'O' ring seals facilitates leak testing to ensure that the seals achieve the prescribed levels of leak tightness. As the closure flange is separate from the shielded plug, the final closure and subsequent leak testing can be carried out in a low radiation exposure area (i.e. outside any loading area). The Casket Design No 2917 contains and prevents damage to the Flask, Design No 2916.

Section through Package Design No 2917A



Approved Contents

The flask is designed to provide shielding and containment for solid α , β or γ emitting radioactive material, either in the form of processed material or an item for disposal. Normally the radioactive contents must be carried in a suitable primary container to facilitate handling. Radioactive material which includes radioactive gas (e.g. fission or decay products) may also be carried.

Whilst the design is offered for general contents, the safety documentation may need to be revised and a new certificate issued for any specific usage or contents.

Shielding = 185 mm lead equivalent

Modes of Transport

Road.

Physical Data

Package Design No 2917A	Outer Casket 2917	Flask 2916
External Diameter	1400 mm	983 mm
External Height	2158 mm	1487 mm
Internal Diameter	1030 mm	600 mm
Internal Height	1530 mm	1000 mm
Weight	3800 kg	8700 kg
Maximum weight of contents		1000 kg
Maximum weight of Package Design N ^o 2917A including contents		14000 kg

Further Information

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