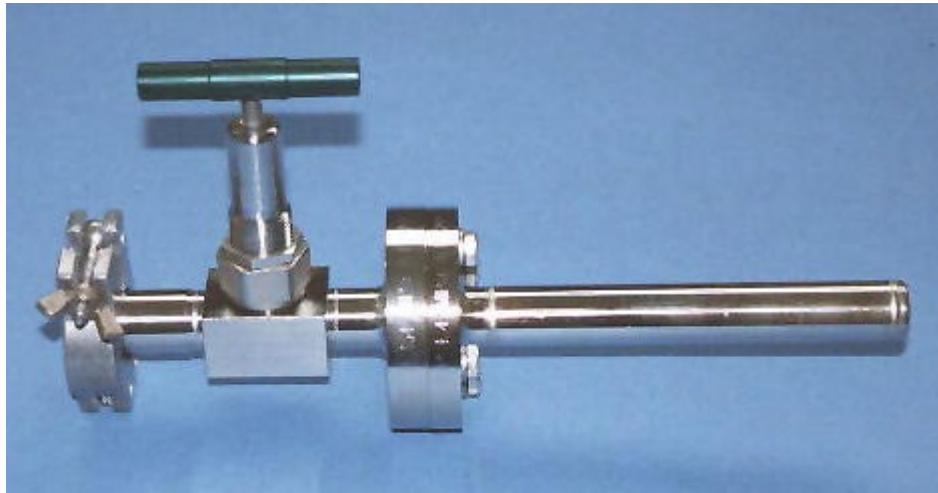


**Design N° 2926**  
**Name: UF<sub>6</sub> Sample Bottle**



## **Type**

The Design No 2926 is designed as a sample bottle which can be used in a suitable Type A package for the transport of UF<sub>6</sub> samples, in accordance with the IAEA Regulations for the Safe Transport of Radioactive Material, TS-R-1.

## **Certification**

Not necessary

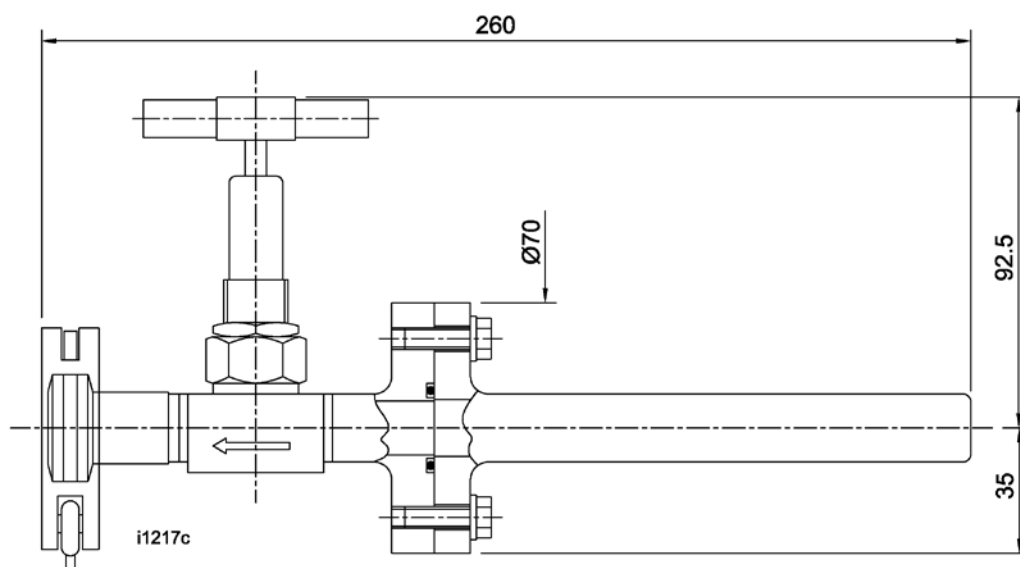
## **Description**

The Design No 2926 consists of a stainless steel UF<sub>6</sub> sample bottles, Design No 2926. The 2926 bottle is designed so that the product tube (being that part of the bottle that carries the UF<sub>6</sub>) can be disconnected from the valve at a flange. The product tube has a plain cylindrical cavity providing a wide aperture which ensures that there are no traps for residual material: this facilitates thorough cleaning to ensure that there will be no contamination of samples.

## **Containment**

The sample bottles are pressure tested, leak tested and approved in accordance with an envelope of requirements that encompasses the safety requirements of the IAEA TECDOC 608, ADR, RID, ICAO, IATA and 49CFR regulations, and the ISO 7195 and ANSI N14.1 standards. Leakage tests are carried out with a test pass level of  $1 \times 10^{-3}$  bar cc/s SLR (0.1 Pa L/s).

## Sample Bottle Design No 2926



### Approved Contents

UF<sub>6</sub> samples

### Modes of Transport

Road, rail, sea, air and inland waterway.

### Physical Data

Sample Bottle 2926	
External Dimensions	Flange Ø 70 mm Tube Ø 19 mm O/A length 260 mm
Internal Dimensions	Tube Ø 15.75 mm Tube length 148.35 mm
Cavity Volume	29 cc
Weight	Each 1.175 kg
Contents weight	0.09 kg
Total Bottle Weight	1.265 kg

### Further Information

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