

**Product Code:**  
**SQTE-BPE**

**Description:**

To ensure that the steriliser steam supply meets the requirements of EN 285 and HTM2010, tests for non-condensable gas, steam dryness and superheat should be carried out.

An appropriate steam quality test kit such as the Series 600 (see data sheet No 040) should be used and connected to test points in the existing supply line between the distribution system and the steriliser. However, where the existing pipe work is in stainless steel the steam quality test elbow can be fitted.

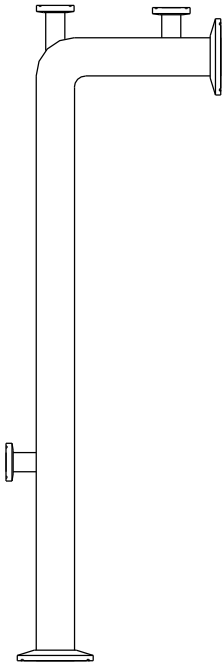
The ASME BPE steam test elbow is for applications where ASME BPE with full documentation is a necessary requirement. All tubing and fittings are to ASME BPE 316 grade stainless steel. Welding is carried out using orbital T.I.G. (Tungsten Inert Gas) welding on the tube and process connections, the branch welds will be manually T.I.G. welded.

All welding is carried out by operatives coded to BS EN ISO 9606-1:2013.

The test elbow is Helium leak tested and is supplied with full documentation including certificate of conformance, 3.1B material test certificates and weld test results.

**Applications:**

Liquid media in the Biotech, Cosmetic and Pharmaceutical industry.  
Pharmaceutical steam sterilisers and autoclaves.



**Specification:**

<b>MATERIAL</b>	Tubing in 316L grade stainless steel to ASME BPE SF1 finish.
<b>FINISH</b>	Highly polished with an inner surface of 0.5µm and outer surface finish 0.8µM.
<b>TUBE SIZE</b>	¾", 1", 1½", 2", 2½" or 3".
<b>PROCESS CONNECTION</b>	Tri-clover flanges to suit tube size, machined from round bar stock in 316L stainless steel to ASME BPE and prepared for orbital welding. Inner surface finished to Ra 0.5µm and outer surface finish of 0.8µm.
<b>TEST POINTS</b>	½" Tri-clover flanges machined from round bar stock in 316L stainless steel to ASME BPE and prepared for orbital welding. Inner surface finished to Ra 0.5µm and outer surface finish of 0.8µm. BSP test points also available.
<b>FINAL FINISH</b>	Passivated. On request the completed elbow can be electro-polished. This removes a layer of base material and improves the aesthetic appearance.

**Datasheet : 041a**

**Steam Testing and Validation Accessories:**



Steam Quality Test Kits



Steam Test Pack



Test Pack Carrier



Thermocouple Entry Gland TCEG



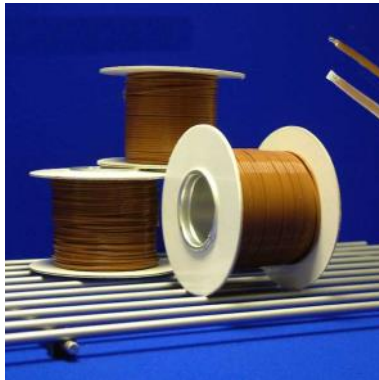
Y Piece Extension



Tee Piece Extension



Clamps, Tri-clover Blanks,  
Gaskets



Type T thermocouple Wire



Ampoule Holders

**Datasheet : 041a**