

Interpretation: 11.7-1

Subject: ASME B56.11.7-1998

Date Issued: June 8, 2001

Question: Is it the intent of the referenced paragraph that an equivalent means to that shown in Figure 1.G for positioning the cylinder on the industrial truck can be used? Specifically can a pin or slot configuration other than that shown in the figure be used to position the cylinder?

Reply: No. ASME B56.11.7 requires the LPG Cylinder to comply with the stated size and location of this positioning hole.

This hole location was included in the standard to specifically locate the cylinder in a repeatable location on the powered industrial truck. No other configuration for this locating hole would be allowed if the LPG cylinder is to comply with the ASME Standard.

In paragraph 4 (b) the “or equivalent means” refers to the “substantial positioning pin” or “equal means” that the truck manufacturer shall provide to interface with the hole described in Figure 1 item G.

A slot or hole that allowed more movement of the cylinder when it was mounted on the truck would not be acceptable. On smaller trucks the overall dimensions of the outside perimeter of the truck can require a very specific location for the LPG cylinder to be retained within the plan view of the truck. It is important for the LPG cylinders to be interchangeable between the different design trucks and the tightly controlled positioning hole (G) insures that this interface can be accomplished.

The locating hole size was increased to allow a more substantial pin design to be used to insure that it was not bent or deformed when the cylinder is being re-mounted.