



Hydrostatic Body Testing

MSI Technical Bulletin 050

Subject: Hydrostatic body testing of pressure vessels.

API 6A requires that single-equipment units such as valves, chokes, or other bodies; be subjected to a hydrostatic body test prior to shipment from the manufacturers' facility (see § 7.4.9.3.3). According to Table 31 the hydrostatic body pressure is 1.5 times the working pressure rating for working pressure ratings $\geq 5,000$ psi.

This one-time hydrostatic body test is performed by the manufacturer only prior to shipment to ensure a minimal level of functional safety has been achieved with each assembly. It is not necessary to repeat this test once the product has been shipped. All subsequent hydrostatic testing performed by the end user should only be to the rated working pressure of the equipment.

You may contact an MSI representative at sales@diwmsi.com or engineering@diwmsi.com if you have any further questions or concerns.

MSI is a division of Dixie Iron Works, Ltd
300 W. Main St.
Alice, Texas 78332, USA
Phone: 800-242-0059
Fax: 361-664-4840
www.diwmsi.com