



High Lift Flange Weld

Purge, Weld & Test Flange Connections with One Plug

Key Features

- Fast and easy installation and testing
- Faster pipe repairs and retrofits
- Reduces NDE
- Minimal water use, less handling and waste
- Minimum 1.5:1 safety factor
- Center Port for upstream monitoring

Technical Documents

- [DC2678 - Operating Instructions - High Lift Flange Weld Test Plug](#)
- [DC2674 - High Lift Flange Instructions 10" thru 24" Sizes](#)
- [DC91938 - Operating Procedures High Lift 2 Flange Weld Test Plug - 4" and Smaller](#)
- [DC91769 - Operating Procedures - High Lift 2 Flange Weld Test Plug 6" thru 24"](#)
- [DC91942 - Technical Specifications - High Lift Flange Weld Test Plug](#)

Curtiss-Wright reduces the cost, downtime delays, and waste water disposal associated with conventional flange testing. The High Lift Flange Weld test plug lets you monitor conditions upstream of the seal, isolate and purge the weld area, complete the weld, and hydro test to code requirements¹ with one tool.

The plug isolates just the weld area so there is no need to fill the entire line or vessel. No blind flanging upstream, no vacuum truck for evacuating the line, and no X-raying. Each flange test requires a minimum amount of water, eliminating the need to fill the entire line. Use less water and minimize your environmental impact!

Maximum Test Pressures

150 ANSI Flange Class	450 PsiG (31 BarG)
300 ANSI Flange Class	1125 PsiG (77.6 BarG)
600 ANSI Flange Class	2250 PsiG (155 BarG)

Consult Factory for higher pressure ratings

¹ Meets: ASME BPV section I, V, and VII; ASME piping Code B31.1 and B31.3; API-510; National Inspection Code (reference: National Board Interpretation 01-15 dated February 2, 2002)



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