



SPEARS® MANUFACTURING COMPANY

CORPORATE OFFICE

15853 OLDEN STREET • SYLMAR, CALIFORNIA 91342

MAILING ADDRESS: P.O. BOX 9203 • SYLMAR, CALIFORNIA 91392

TELEPHONE (818) 364-1611 • FAX (818) 364-6945

www.spearsmfg.com

CERTIFICATE OF COMPLIANCE

DIAPHRAGM VALVES

All thermoplastic Diaphragm valves shall be Weir-type constructed from Polyvinyl Chloride (PVC) Type I, ASTM D 1784 Cell Classification 12454, Chlorinated Polyvinyl Chloride (CPVC) Type IV, D 1784 Cell Classification 23447, or glass filled Polypropylene (PP), ASTM D 4101.

All Diaphragms shall be EPDM, genuine Viton[®], or elastomer backed PTFE bonded to either EPDM or Viton[®] backing. All Diaphragm valves shall have built-in position indicator with polypropylene hand wheel. All True Union style valve union nuts shall have buttress threads and EPDM or genuine Viton[®] end connector o-ring seals. All bonnet bolts, nuts and washers shall be stainless steel.

- All Valves shall be pressure rated for water at 73°F (23°C) as follows:
- All PVC and CPVC valves 1/2" through 2" shall be pressure rated to 235 psi
- All PVC and CPVC valves 2 1/2" through 4" shall be pressure rated to 150 psi
- All 1/2" through 4" Polypropylene valves and all valves with PTFE diaphragms shall be pressure rated to 150 psi
- All 1/2" through 4" flanged valves shall be pressure rated to 150 psi
All 6" valves shall be pressure rated to 100 psi
- All 8" valves shall be pressure rated to 75 psi

All flanged valve bolt circle diameters shall conform to ANSI B16.5 specifications. All valves are rated for vacuum service based successful completion of laboratory tests of one hour at 26 inch Hg vacuum with less than one inch Hg loss, conducted at 73°F on randomly selected production samples. All diaphragm valves are made in the U.S.A., and assembled with silicon-free lubricants.

Alan Lunt
Director, Technical Services
alunt@spearsmfg.net

October 2011