**WALWORTH**

*Industrial de Válvulas, S.A. de C.V.*

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Fraccionamiento Industrial El Trébol
Tepotzotlán, Edo. de México, 54600.

SERIAL NUMBER: V02R1367
DATE: 31 MAY 02

# QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

WE CERTIFY THAT THE PRODUCT LISTED BELOW WAS DESIGNED, MANUFACTURED AND TESTED ACCORDING TO OUR QUALITY SYSTEM AND REQUIREMENTS GIVEN IN ONE OR MORE OF THE FOLLOWING STANDARDS:

| | |
|---|---|
| API 6D | - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK |
| API 600 | - STEEL GATE VALVES - FLANGED AND BUTT-WELDING ENDS |
| API 598 | - VALVE INSPECTION AND TESTING |
| API 599 | - METAL PLUG VALVES - FLANGED AND WELDING ENDS |
| ANSI B16.10 | - FACE TO FACE AND END TO END DIMENSIONS OF VALVES |
| ANSI B16.34 | - VALVES - FLANGED, THREADED, AND WELDING ENDS |
| MSS-SP61 | - PRESSURE TESTING OF STEEL VALVES |

PART. No.: 75719P

DESCRIPTION: 4" FIG. 5341 F UT WCB, API TRIM No. 8
CAST STEEL SWING CHECK VALVE

SPECIFICATION 83000

| PRESSURE TESTS | SHELL | BACK SEAT | 1ST SIDE | 2ND SIDE |
|---|---|---|---|---|
| HYDROSTATIC (PSI) | 450 | N A | N A | 315 |
| PNEUMATIC (PSI) | | | N A | N A |

| ITEM | HEAT No. | MATERIAL (ASTM) | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | W | TENS KPSI CVN@ | YIELD KPSI 1ST | ELG % 2ND | RED % 3RD | BHN AVG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CHEMICAL COMPOSITION (%) | | | | | | | | | | | | MECHANICAL TESTS | | | | |
| BODY | 3063A154 | A 216 WCB | 0.210 | 0.760 | 0.016 | 0.017 | 0.430 | 0.100 | 0.150 | 0.030 | 0.043 | 0.002 | | 74.12 | 44.92 | 26.0 | 54.0 | 156 |
| BONNET-COVER | 3065A071 | A 216 WCB | 0.200 | 0.930 | 0.019 | 0.017 | 0.440 | 0.070 | 0.130 | 0.030 | 0.040 | 0.002 | | 77.49 | 47.17 | 29.0 | 56.0 | 156 |
| WEDGE-DISC-PLUG | 245-02 | A 276 410 | 0.131 | 0.707 | 0.020 | 0.007 | 0.215 | 0.214 | 13.060 | 0.026 | 0.057 | | | 84.00 | 75.00 | 35.0 | 50.0 | 179 |

CERTIFIED BY: Jorge Soto

QUALITY ASSURANCE

FAC10-21 REV. "1"