**WALWORTH**

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

Av. Industria 16,
Fraccionamiento Industrial El Trébol
Tepotzotlán, Edo. de México, 54600.

SERIAL NUMBER: V02C14621
DATE: 09 JAN 03

# 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 STANDARS:

| | |
|---|---|
| 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.: 25783P

DESCRIPTION: 3" FIG. 5202 F UT WCB, API TRIM No. 8
VALV. COMP. DE ACERO FUND.

VALVULA SUMINISTRADA CON CONTROL DE EMISIONES FUGITIVAS A 50 PPM'S MAX

| PRESSURE TESTS | SHELL | BACK SEAT | 1ST SIDE | 2ND SIDE |
|---|---|---|---|---|
| HYDROSTATIC (PSI) | 450 | 450 | N A | N A |
| PNEUMATIC (PSI) | | | 80 | 80 |

| | | | CHEMICAL COMPOSITION (%) | | | | | | | | | | | MECHANICAL TESTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| CUERPO | RGK5 | A 216 WCB | 0.180 | 0.920 | 0.027 | 0.013 | 0.430 | 0.010 | 0.050 | 0.010 | 0.020 | 0.011 | | 78.29 | 47.65 | 30.4 | 52.3 | 159 |
| BONETE-TAPA | RG41 | A 216 WCB | 0.210 | 0.880 | 0.190 | 0.011 | 0.520 | 0.020 | 0.040 | 0.010 | 0.030 | 0.013 | | 79.09 | 49.34 | 28.8 | 50.0 | 167 |
| CUNA-DISCO-TAPON | ZS | A 217 CA15 | 0.110 | 0.720 | 0.021 | 0.013 | 1.090 | 0.380 | 12.610 | 0.210 | | | | 104.20 | 76.60 | 19.6 | 37.8 | 223 |

CERTIFIED BY: Jorge Soto
QUALITY ASSURANCE

FAC10-21 REV. "1"