



WALWORTH®

Industrial de Válvulas, S.A. de C.V.
Av. de la Industria Lote 16 Fracc. Industrial el Trébol
Tepotzotlán, Estado de México C.P. 54600

(NUMERO) NUMBER:

3510/2004
19/11/2004

(FECHA) DATE:

QUALITY ASSURANCE (ASEGURAMIENTO DE CALIDAD) CERTIFICATE OF COMPLIANCE (CERTIFICADO DE CUMPLIMIENTO)

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:

CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO
DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS
EN UNO O MAS DE LOS SIGUIENTES ESTANDARES

- ANSI B16.11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
- API 598 - VALVE INSPECTION AND TESTING
- 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.: 01598N
(CODIGO)

DESCRIPTION: 2" FIG. 950 SW UT A105, API TRIM No.8
(DESCRIPCION) FORGED STEEL GATE VALVE (VALVULA COMPUERTA DE ACERO FORJADO)

VALVE WITH LOW EMISSION CONTROL

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

| PRESSURE TESTS (PRUEBAS DE PRESION) | SHELL (CASCO) | BLACK SEAT | SIDE (LADO) | |
|--|------------------|---------------|-------------|-----|
| | | | 1 | 2 |
| HYDROSTATIC (PSI) (HIDROSTATICA) | 2970 | 2970 | N A | N A |
| PNEUMATIC (PSI) (NEUMATICA) | | | 80 | 80 |

INVOICE 52687 ITEM 8 QTY 5
(FACTURA) (PARTIDA) (CANTIDAD)

MECHANICAL TESTS (PROP. MECANICAS)

| ITEM (PARTE) | HEAT No. (COLADA) | MATERIAL (ASTM) | CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA) | | | | | | | | | | | | TENS | YIELD | ELG | RED | BHN | | | | |
|------------------|-------------------------|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|---|--------------|-------------|----------|----------|-------|-------|------|------|-----|
| | | | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | Cb | N | KPSI CVN@ | KPSI 1ST | % 2ND | % 3RD | AVG | | | | |
| BODY (CUERPO) | A003 | A 105N | 0.220 | 0.680 | 0.013 | 0.014 | 0.350 | 0.025 | 0.030 | 0.001 | 0.010 | 0.001 | | | | | | | 82.65 | 50.75 | 28.0 | 47.0 | 170 |
| YOKE (YUGO) | A003 | A 105N | 0.220 | 0.680 | 0.013 | 0.014 | 0.350 | 0.025 | 0.030 | 0.001 | 0.010 | 0.001 | | | | | | | 82.65 | 50.75 | 28.0 | 47.0 | 170 |

CERTIFIED BY:

QUALITY ASSURANCE

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

FAC10-23 REV. "1"