



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:

1891/2002
 30 AUG 2002

(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 STANDARS:**

**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 STANDARES:**

- ANSI B16.11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED**
- API 602 - COMPACT STEEL GATE VALVES - FALNGED, 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.: 69371
 (CODIGO)

DESCRIPTION: 1" FIG. 5520S JWF F316, API TRIM No. 12
 (DESCRIPCION) FORGED STEEL GLOBE VALVE

SPECIFICATION 82000
VALVULA SUMINISTRADA CON JUNTAS Y EMPAQUES DE
TEFLON

| PRESSURE TESTS (PRUEBAS DE PRESION) | SHELL (CASCO) | BACK SEAT | SIDE (LADO) | |
|----------------------------------------|------------------|--------------|-------------|-----|
| | | | 1 | 2 |
| HYDROSTATIC (PSI) (HIDROSTATICA) | 2880 | 2880 | 2115 | N A |
| PNEUMATIC (PSI) (NEUMATICA) | | | 80 | N A |

INVOICE : 38525 ITEM : A

| ITEM PARTE | HEAT No. COLADA | MATERIAL (ASTM) | CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA) | | | | | | | | | | | | MECH. TESTS (PROP. MECANICAS) | | | | |
|---------------|-----------------------|--------------------|---------------------------------------------------|------|-------|-------|------|--------|--------|-------|-------|-------|-------|-------|----------------------------------|-------------|----------|----------|-----|
| | | | C | Mn | P | S | Si | Ni | Cr | Mo | Cu | V | Cb | N | TENS | YIELD | ELG | RED | BHN |
| | | | | | | | | | | | | | | | KPSI CVN@ | KPSI 1ST | % 2ND | % 3RD | AVG |
| BODY | 01SM | F 316L | 0.02 | 1.58 | 0.027 | 0.030 | 0.49 | 10.500 | 16.600 | 2.510 | 0.000 | 0.000 | 0.000 | 0.000 | 88.76 | 51.92 | 52.0 | 75.0 | 174 |
| YONE | 01SS | F 316L | 0.04 | 1.53 | 0.022 | 0.030 | 0.42 | 10.240 | 16.430 | 2.260 | 0.000 | 0.000 | 0.000 | 0.000 | 86.83 | 39.53 | 55.7 | 74.6 | 192 |

CERTIFIED BY:

CERTIFICADO POR:

QUALITY ASSURANCE
 ASEGURAMIENTO DE CALIDAD