



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:

(FECHA) DATE:

2047/2003
 31 AUG 2003

**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 - 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**

60018

PART. No.:
 (CODIGO)

0.5" FIG. 950S UT A105, API TRIM No. 8

(DESCRIPCION) VALV. COMP. DE ACERO FORJ.

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

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

FACTURA : 43950 PARTIDA : 01

| 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 |
| CPD. | 57156 | A105 | 0.19 | 0.81 | 0.004 | 0.028 | 0.21 | 0.120 | 0.100 | 0.031 | 0.320 | 0.021 | 0.000 | 0.000 | 70.70 | 43.80 | 34.5 | 63.4 | 143 |
| YUCB | 57260 | A105 | 0.19 | 0.81 | 0.004 | 0.028 | 0.21 | 0.120 | 0.100 | 0.031 | 0.320 | 0.021 | 0.000 | 0.000 | 71.90 | 50.60 | 30.8 | 64.3 | 146 |
| YUCD | 57206 | A 105N | 0.19 | 0.81 | 0.004 | 0.028 | 0.21 | 0.120 | 0.100 | 0.031 | 0.320 | 0.021 | 0.000 | 0.000 | 71.90 | 50.60 | 30.8 | 64.3 | 146 |
| YUCD | EE. | A 105N | 0.19 | 0.89 | 0.013 | 0.014 | 0.23 | 0.115 | 0.061 | 0.028 | 0.242 | 0.005 | 0.000 | 0.000 | 72.36 | 47.71 | 31.4 | 57.1 | 150 |
| YUCD | 57240 | A 105 | 0.16 | 1.14 | 0.013 | 0.012 | 0.22 | 0.030 | 0.030 | 0.012 | 0.130 | 0.030 | 0.000 | 0.000 | 91.70 | 55.10 | 25.3 | 51.5 | 146 |

CERTIFIED BY:

QUALITY ASSURANCE
 ASEGURAMIENTO DE CALIDAD

CERTIFICADO POR:

FAC10-23 REV. "1"