



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:

1458/2000
 27 JUN 2000

**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 PRUBADO
 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

PART No: 64487
 (CODIGO)

DESCRIPTION: 1.5" FIG. 950SM 3HF ALDS. API TRIM No. 12
 (DESCRIPCION) VALV. COMP. DE ACERO FORJ.

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

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 KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG
			CPD	MP	A105	0.19	0.75	0.008	0.017	0.15	0.070	0.070	0.010	0.015	0.004	0.001	0.000	83.20	44.66
YUCO	BE	A105	0.18	0.85	0.014	0.013	0.20	0.050	0.060	0.010	0.150	0.002	0.000	0.000	75.26	44.66	31.0	60.5	150
YUCO	MP	A105	0.19	0.75	0.008	0.017	0.15	0.070	0.070	0.010	0.015	0.004	0.001	0.000	83.20	44.66	35.0	62.5	169



CERTIFIED BY:

CERTIFICADO POR:

QUALITY ASSURANCE
 ASEGURAMIENTO DE CALIDAD