



Industrial de Válvulas, S.A. de C.V.

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

SERIAL NUMBER:

V02C8613

DATE:

29 APR 02

## 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 STANDARDS:

- 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.: 25786P

DESCRIPTION: 4" FIG. 5202 F UT WCB, API TRIN No. 8  
CAST STEEL GATE VALVE

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

| ITEM            | HEAT No. | MATERIAL (ASTM) | CHEMICAL COMPOSITION (%) |             |          |          |       |       |        |       |       |       | MECHANICAL TESTS |       |       |      |     |     |
|-----------------|----------|-----------------|--------------------------|-------------|----------|----------|-------|-------|--------|-------|-------|-------|------------------|-------|-------|------|-----|-----|
|                 |          |                 | C                        | Mn          | P        | S        | Si    | Ni    | Cr     | Mo    | Cu    | V     | W                | TENS  | YIELD | ELG  | RED | BHN |
|                 |          |                 | KPSI<br>CVN@             | KPSI<br>1ST | %<br>2ND | %<br>3RD | AVG   |       |        |       |       |       |                  |       |       |      |     |     |
| BODY            | RC45     | A 216 WCB       | 0.200                    | 0.830       | 0.021    | 0.012    | 0.450 | 0.050 | 0.070  | 0.010 | 0.040 | 0.012 | 78.60            | 48.10 | 33.4  | 53.3 | 152 |     |
| BONNET-COVER    | RC52     | A 216 WCB       | 0.200                    | 0.820       | 0.021    | 0.013    | 0.450 | 0.050 | 0.080  | 0.020 | 0.050 | 0.012 | 78.80            | 48.20 | 33.6  | 53.7 | 156 |     |
| WEDGE-DISC-PLUG | SV       | A 217 CA15      | 0.120                    | 0.760       | 0.023    | 0.012    | 1.040 | 0.510 | 13.000 | 0.220 |       |       | 103.50           | 76.30 | 18.4  | 35.6 | 277 |     |

*Jorge Soto*

CERTIFIED BY:

QUALITY ASSURANCE