

CERTIFICATE OF QUALITY AND TESTS

Gate valve

We certify that the valves supplied by HIDROCONTA S.A., are manufactured with the materials listed below and have been tested as it is also indicated, being the result totally satisfactory:

MATERIALS AND CHARACTERISTICS OF THE VALVE:

| | |
|-----------|----------------------------|
| TIPE | Control valve |
| BODY | Ductil iron GGG-50 |
| GATE | GGG50 coating NBR/EPDM |
| BUSHING | Brass CuZn40 |
| GASKET | Natural rubber NBR |
| PIN | Stainless steel AISI304 |
| BONNET | Ductil iron GGG-50 |
| PACKING | Natural ruber NBR |
| NUT | Brass CuZn40 |
| HANDWHEEL | Ductil iron GGG-50 |
| COUPLING | Flange PN 16/25 |
| PINT | EPOXY inner and outer part |
| CALIBRES | From 2" to 12" |

TEST CARRIED OUT

Different types of tests are performed on the gate valves in different processes.

1. Tests with respect to the design and operation, fulfilling the established in the following Norms.
 - a. UNE EN 1074 - Valve for water supply.
 - b. UNE EN 1267 - Flow resistance test using water as test fluid.
 - c. UNE EN 12266 - Industrial valves. Valve testing.
2. Sampling and testing of statistical control, according to ISO 9001 when the different parts are received. The control to be made is appropriate to each of the pieces received.
3. Compliance test made to each unit.
 - a. Locate possible losses or faults in the assembly.
 - b. Valve operation test.
 - c. Test of tightness in both directions.
 - d. Collection of process data and conformity assessment.

HIDROCONTA, S.A.
C/da Castella, 80
30012 MURCIA
TEL: 96 77 88

HIDROCONTA