



0056

**QUALITY CERTIFICATE**  
**EN-10204 / 2.2**

ICP Valves S.A. CERTIFIES that the manufacture of the valves and/or fittings mentioned below has been fulfilled according to the specifications indicated.

**PRODUCT DESCRIPTION**

**Article** Forged Gate Valves Fig.C800 **Size**-1/2" to 2" **Class** 800

(Size 1/2" to 1 1/4" CE marking must not be affixed)

**TYPE MATERIAL**

<b>BODY &amp; BONNET</b>	A105	<b>SEAT</b>	A182 F6A + STL
<b>TRIM N°</b>	NO. 5#	<b>STEM</b>	AISI-410
<b>GATE</b>	A182 F6A + STL	<b>BOLT</b>	A193 B7

**TEST DESCRIPTION**

Testing Std.: API 548 ....**YES**..... DIN 3230 Teil..... ICP Std .....**PS07/I1**.....Other.....

**Class 800:** Hydraulic(barg):Shell **209** Seat/Backseat **150** / Pneumatic(barg):Shell.. Seat **6** / Functional

Results: Satisfactory, seats tightness as per API 598

CHEMICAL COMPOSITION :									
C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V
0.217	0.800	0.012	0.020	0.430	0.068	0.009	0.005	0.046	0.010

PHYSICAL PROPERTIES:				
Yield St. 0.2%	Tensile St.	Elongation	Impact Test ISO V	T. °C
327	516	29.5	54-62-60	-29

**NOTES**

Visual and control dimensional results satisfactory.....**X**...

ICP Valves S.A. DECLARES that the ICP valves covered by this certificate have been designed and manufactured in accordance with the requirements of the following European Directives:

- Pressure Equipment Directive 2014/68/EU:
  - Directive 2014/34/EU "ATEX", classification Group II Cat 2,
- Harmonised and non-harmonised technical standards applied:
- PED: EN 10213:2007, EN 12266:2013, 10222:1998, 10204:2004, 1983:2006, 19:2002, EN ISO 17292:2004, for others, please see the ICP catalogue and ICP Instructions Manual.

Electrical and mechanical accessories are not covered by this declaration and must have their own declaration in order for them to be assembled into ICP valves.

See the corresponding Operating Manual.

**Diego Pérez**  
**Quality Manager**

**Sant Boi de Ll. (Barcelona), febrero 9, 2024**

ICP VALVES, S.A.U.  
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 Barcelona  
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**PRODUCT DESCRIPTION**

**Article** Forged Gate Valves Fig.C800 **Size**-1/2" to 2" **Class** 800

(Size 1/2" to 1 1/4" 0056 marking must not be affixed)

**TYPE MATERIAL**

<b>BODY &amp; BONNET</b>	A182 F316L	<b>SEAT</b>	A182 F316L + STL
<b>TRIM N°</b>	NO. 12#	<b>STEM</b>	A182 F316L
<b>GATE</b>	A182 F316L	<b>BOLT</b>	A193 B8M

**TEST DESCRIPTION**

Testing Std.: API 548 ....**YES**..... DIN 3230 Teil..... ICP Std .....**PS07/11**.....Other.....

**Class 800:** Hydraulic(barg):Shell **209** Seat/Backseat **146** / Pneumatic(barg):Shell.. Seat **6** / Functional

Results: Satisfactory, seats tightness as per API 598

CHEMICAL COMPOSITION :								
C	Mn	S	P	Si	Cr	Ni	Mo	Cu
0.052	0.940	0.007	0.032	0.640	18.30	9.18	2.16	0.18

PHYSICAL PROPERTIES:					
Yield St. 0.2%	Tensile St.	Elongation	Hardness	Impact Test ISO V	T. °C
237	539	39	141	123-142-141	-50

**NOTES**

Visual and control dimensional results satisfactory.....**X**...

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- Directive 2014/34/EU "ATEX", classification Group II Cat 2,

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