

Commitment made of steel

COMPANY PROFILE

AMPO, located in Idiazabal, Spain, and founded in 1964, is an international leader in the design and manufacture of highly engineered valves for the most severe applications and industries, as well as in stainless steels & high alloy castings; supplying not only the product but also expertise in project management, finance of high value projects and logistical expertise to ensure trouble-free and on-time delivery of quality products.

AMPO FOUNDRY

"Our own foundry is fully in line with manufacturing processes, providing us with the best quality castings and service"

AMPO POYAM VALVES

"Our extensive range of highly engineered valves offer the highest level of reliability hand in hand with minimum maintenance costs"

AMPO SERVICE

"Through our Field Engineering Service team we guarantee a prompt response to customer needs wherever they are throughout the world"



WHY CHOOSE AMPO POYAM VALVES?

- C**ustomized valves under high specifications
- O**ptimum performance, high flexibility and adaptability
- M**inimum maintenance costs
- M**aximum care of our customers, suppliers and environment
- I**n-House manufacturing process
- T**rouble free and on-time delivery of quality products
- M**onitoring services
- E**xpertise and experience
- N**ew technologies development
- T**eamwork

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USA FLOW CONTROL COMPANY

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 **AMPO**
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INDUSTRIES

Natural Gas Processing
Offshore & Subsea
Oil & Petroleum Refining, Petrochemical, Chemical & Power
Pipelines
Mining

CUSTOMERS

These are some of the main customers who trust on AMPO:



VALVE RANGE

"AMPO POYAM VALVES offers the widest Ball, Gate, Globe, Check, Angle, Butterfly, Lift plug & switch valve solutions in the market "

Condition monitoring devices for predictive and preventive maintenance in all our product range



Top Entry Ball Valves

BALL VALVES

CHARACTERISTICS

- Standards:** API, BS, MSS, ANSI, ASME, ASTM, DIN
Classes: 150 lbs up to 2500 lbs
Sizes: 1/2" up to 60"
Construction: Extended bonnet. Bolted bonnet. Floating and trunnion-mounted ball. Full and reduced bore. Flanged, butt weld ends and both. Manual and motor - operated. Fire safe. Soft and metal seats.
Temperature: From 750°C down to -196°C (Cryogenic)



Split Body & End Entry Ball Valves

BALL VALVES

CHARACTERISTICS

- Standards:** API, BS, MSS, ANSI, ASME, ASTM, DIN
Classes: 150 lbs up to 2500 lbs
Sizes: 1/2" up to 60"
Construction: Extended bonnet. Bolted bonnet. Fully welded. Floating and trunnion - mounted ball (2 or 3 pcs, cast or forged). Monoblock - Compact valves. Two balls - one body. Full and reduced bore. Flanged ends. Manual and motor - operated. Fire safe. Soft and metal seats.
Temperature: From 750°C down to -196°C (Cryogenic)



Gate, Globe & Check Valves

GATE, GLOBE AND CHECK VALVES

CHARACTERISTICS

- Standards:** API, BS, MSS, ANSI, ASME, ASTM
Classes: 150 lbs up to 2500 lbs
Sizes: 1/2" up to 72"
Construction: Extended bonnet. Bolted bonnet. Flanged and butt weld ends. Manual and motor - operated. Throttling Service Globe valves. Metal and soft seats.
Temperature: From 750°C down to -196°C (Cryogenic)
Type: - Gate: Standard Design (API600). Light Pattern Design (ASME B16.34).
- Globe: Straight Pattern, y Pattern & Stop check, Needle.
- Check: Swing Check, Lift Check, Axial flow check.



World leader in highly engineered valves

MAIN INNOVATION LINES

- Green valves
- Smart safety valves
- Hardwearing solutions

Pressure Seal Gate, Globe and Check Valves (High Pressure)

PRESSURE SEAL VALVES

CHARACTERISTICS

- Standards:** API, BS, MSS, ANSI, ASME, ASTM
- Classes:** 600 lbs up to 2500 lbs (Customized as per process needs)
- Sizes:** 2" up to 56"
- Construction:** Pressure Seal Bonnet. Extended bonnet (Gas column). Flanged and butt weld ends. Manual and motor - operated. Metal Seats.
- Temperature:** From 750°C down to -196°C (Cryogenic)
- Type:**
- Gate: Flexible wedge, parallel slide.
 - Globe: Straight pattern y pattern stop check.
 - Check valves: Swing check, lift check, tilting disc.



Lift Plug & Switch Valves

PLUG & SWITCH VALVES

CHARACTERISTICS

- Standards:** API, BS, MSS, ANSI, ASME
- Classes:** 150 lbs up to 2500 lbs
- Sizes:** 2" up to 36"
- Construction:** Bolted bonnet. Flanged ends. Manual and motor - operated. Metal seats. Lift plug. Port Sizes: 100% and 70%. Accessories: Purge, drain and flushing connections. Switch valves: 3 ways or 4 ways.



Severe Service Ball Valves

SEVERE SERVICE BALL VALVES

CHARACTERISTICS

- Standards:** API, MSS, ANSI, ASME
- Classes:** 150 lbs up to 2500 lbs
- Sizes:** 1/2" up to 36"
- Construction:** Bolted bonnet. Floating ball. Full and reduced bore. Flanged ends, BW,SW. Manual and motor-operated. Special design for severe service conditions.
- Temperature:** Up to 230°C



Your global severe service valves partner



Fully Welded Ball Valves

BALL VALVES

CHARACTERISTICS

Standards: API, BS, MSS, ANSI, ASME, ASTM, DIN

Classes: 150 lbs up to 2500 lbs

Sizes: 6" up to 60"

Construction: Seals:

- Seats: KELF, PTFE, NYLON, PEEK, VESPEL, METAL TC/CC COATING
- Gaskets: SPIRAL WOUND, LIP SEAL
- O-Ring: HNBR, FKM, FFKM, NBR, EPDM, FEPM

End-connections: BW, RF, FF, NPT, LG, RTJ, SW, CLAMS, NORSOK L-005

Actuation: Actuator, gearbox, lever

Temperature: Up to 250°C



Butterfly Valves

BUTTERFLY VALVES

CHARACTERISTICS

Standards: API, BS

Classes: 150 lbs up to 600 lbs

Sizes: 6" up to 48"

Construction: Triple excentric. Cryogenic (Extended Bonnet). Resilient Seat (Soft or laminar). Fully bidirectional. Fire safe as per API 607.

Temperature: Down to -196°C

Type: Side Entry or Double flange (Short Pattern) as per API 609 category B.



Slurry Angle Valves

SLURRY ANGLE VALVES

CHARACTERISTICS

Standards: MSS, ANSI, ASME, ASTM

Classes: 150 lbs up to 1500 lbs

Sizes: 2" up to 30"

Construction: Angle 90°. Angle 45°. Bayonet. Straight - through. Three-way. Lift check. Lever, gear and motor-operated. Regrinding operation. Metal seats.

Grinbide ©, Fully automatic system.



High technology valves tailored to the customer's requirements

OUR INTEGRATED FOUNDRY

Our foundry is fully in-line with manufacturing processes, providing us with the best quality costings and service.

Moreover, **FORGED** steel fully welded ball valves, three-piece and split body ball valves are also designed and manufactured by AMPO for pipelines and offshore applications.

Our advanced technologies allow AMPO to produce the entire range of weld overlays (Inconel 625, Incoloy 825, Nickel, Stellite 6, Colmology,...) fully in house.

Steels and Grades



Super Austenitic Stainless Steels

| ASTM | EN | UNS | OTHERS |
|--------------|--------|--------|---------|
| A351 CN7M | 1.4527 | - | - |
| A351 CK3MCuN | 1.4593 | J93254 | 254 SMO |
| - | 1.4469 | S32654 | 654 SMO |

Austenitic -Ferritic Stainless Steel(duplex)

| ASTM | EN | UNS | OTHERS |
|----------|--------|--------|--------------------|
| A890Gr4A | 1.4470 | J92205 | DUPLEX S31803 |
| A890Gr5A | - | J93404 | SUPERDUPLEX |
| A890Gr6A | 1.4469 | J93380 | SUPERDUPLEX S32760 |
| CD4MCu | 1.4517 | J93370 | - |

Nickel-Based Alloys

| ASTM | EN | UNS | OTHERS |
|--------------|----|--------|----------------|
| A494 CU5MCuC | - | - | INCOLOY 825 |
| A494 M-35-1 | - | N24135 | MONEL 400 |
| A494 M-30H | - | N24030 | - |
| A494 CW-6MC | - | N26625 | INCONEL 625 |
| A494 CW-12MW | - | N30002 | HASTELLOY C276 |

Carbon Steels

| ASTM | EN | UNS | OTHERS |
|----------|----|--------|--------|
| A216 WCA | - | J02502 | - |
| A216 WCB | - | J03002 | - |
| A216 WCC | - | J02503 | - |

Titanium

| ASTM | EN | UNS | OTHERS |
|----------|----|--------|--------|
| C-2 B367 | - | R50400 | 3.7035 |
| C-3 B367 | - | R50550 | 3.7055 |
| C-5 B367 | - | R56400 | 3.7165 |
| C-7 B367 | - | R52400 | - |

Austenitic Stainless Steel

| ASTM | EN | UNS | OTHERS |
|------------|--------|--------|------------|
| A351 CF8 | 1.4308 | J92600 | AISI 304 |
| A351 CF8M | 1.4408 | J92900 | AISI 316 |
| A351 CF8C | 1.4552 | J92910 | AISI 347 |
| A351 CF3 | 1.4306 | J92500 | AISI 304L |
| A351 CF3M | 1.4404 | J92800 | AISI 316L |
| A351CF10MC | 1.4581 | - | AISI 316Nb |
| A351 CG8M | - | J93000 | AISI 317 |

Martensitic Stainless Steels

| ASTM | EN | UNS | OTHERS |
|--------------|--------|--------|----------|
| A217 CA-15 | 1.4008 | J91150 | AISI 410 |
| A352 CA-6NM | - | J91540 | - |
| A747 CB7Cu-1 | - | J92180 | 17-4PH |

Medium And Low Alloy Steels

| ASTM | EN | UNS | OTHERS |
|---------|--------|-----|--------|
| WC6 | 1.7357 | - | - |
| WC9 | 1.7365 | - | - |
| A217C5 | 1.7365 | - | - |
| A217C12 | - | - | - |

Heat-Resistant Steels

| ASTM | EN | UNS | OTHERS |
|---------|----|-----|--------|
| A297 HH | - | - | 25/12 |
| A297 HK | - | - | 25/20 |
| A297 HP | - | - | 25/35 |
| A297 HU | - | - | 18/38 |

Low Temperature Carbon Steels

| ASTM | EN | UNS | OTHERS |
|----------|----|--------|--------|
| A352 LCA | - | J02504 | - |
| A352 LCB | - | J03003 | - |
| A352 LCC | - | J02505 | - |

Zirkonium

| ASTM | EN | UNS | OTHERS |
|--------|----|--------|--------|
| Zr 702 | - | R60702 | - |
| Zr 705 | - | R60705 | - |
| - | - | J02505 | - |