

BEST-IN-CLASS CONTROL VALVES

ALWAYS IN CONTROL



Armstrong®

EXPERIENCE MATTERS™

ALWAYS IN CONTROL

ABOUT ARMSTRONG INTERNATIONAL

Founded in 1900, Armstrong International is a privately held, fifth-generation, family-owned company. Our unique heritage of knowledge, experience and insight enables us to serve you in ways no one else can. Often the first to market, Armstrong invented the inverted bucket steam trap and our company has been granted more than 70 patents on exceptional products, technology and software.

ARMSTRONG INTERNATIONAL

owns the **exclusive rights** to manufacture Aeroflow®, D-Boy™, DLO™, K-Max™, D-Series Control Valves - all formerly sold by **Leslie Controls**. This includes the engineering and design of these product lines and all technical details.

ARMSTRONG IS THE TRUSTED THERMAL UTILITY PARTNER FOR SATISFIED CUSTOMERS IN MORE THAN 100 COUNTRIES

Armstrong International, a global leader in energy management and intelligent thermal utilities solutions has expanded its Global Flow Control Portfolio with the acquisitions of Delta2 and Leslie Controls. With over one hundred years of industry experience, our foundation of success is not just the quality of our services and highly engineered products but the underlying philosophy of building long term enduring relationships. All supported by a strong and knowledgeable sales force, resourceful operational teams, and an initiative-taking customer service department. This dedication to excellence and integrity is what differentiates us and fuels our passion to focus on you, our customer.

Our **Flow Control Group** specializes in the design and manufacturing of control valves, with headquarters and a manufacturing facility in Milan (Italy), serving customers worldwide.

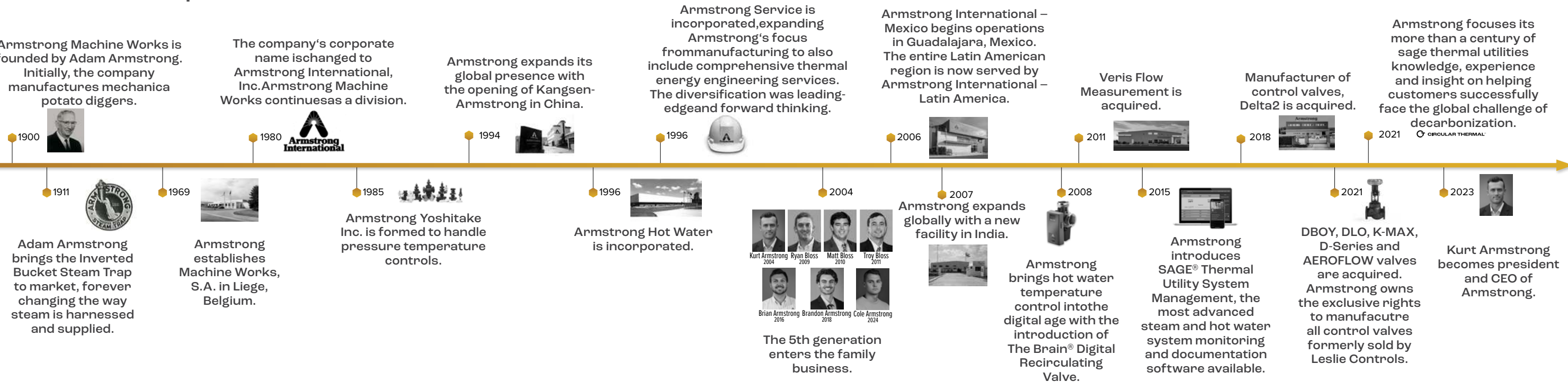
WE WANT YOU TO ENJOY WORKING WITH US

Building strong, lasting relationships with our customers is a top priority at Armstrong. We become an integral part of your team, consistently delivering on our promises and exceeding your expectations, while remaining transparent and simple to do business with. We want working with us to be an experience you enjoy, every single time.

Armstrong is here to solve your problems and make things easier. We are pleased to manufacture the reliable and hardworking product lines: Aeroflow®, D-Boy™, DLO™, K-Max™, D-Series, SMD and Fly Control Valves. But also our legacy brand control valves provide a broad range of flow control solutions for your applications—all manufactured in Europe according to the highest standards and engineered to perform under the most demanding conditions.



OUR EXPERIENCE DISTINGUISHES OUR COMPANY, AND THE SOLUTIONS WE PROVIDE, AS BETTER, STRONGER AND SMARTER. THIS IS THE ARMSTRONG STORY.



DLO™ SERIES

General Service Globe Valve

DLO™ Series are general service control valves for light duties with compact design and easy maintenance.

FEATURES

- | Materials: Cast/Ductile Iron, Carbon Steel, Stainless Steel
- | Sizes: 1/2" – 4"
- | Rating: 125# – 300#
- | Connections: Threaded, Flanged DIN, Flanged ASME, BW & SW
- | Trim: Parabolic Unbalanced – Cage Retained seat – Leak Class IV, V and VI
- | Actuators: Pneumatic Single-Spring – Diaphragm models 35-55-85 – Electric Actuators for modulating services



DBOY™ SERIES

Medium Duty Globe Valve

DBOY™ Series are intermediate duties control valves with rugged design, improved flow capacity design with easy maintenance.

FEATURES

- | Materials: Cast/Ductile Iron, Carbon Steel, Stainless Steel, Chrome-Moly and Alloy Steels
- | Sizes: 2" – 8"
- | Rating: 125# – 600#
- | Connections: Threaded, Flanged DIN, Flanged ASME, BW
- | Trim: Cage Guided Balanced with Les-Sonic or Les-Cav trims for noise & cavitation control – Leak Class IV and VI
- | Actuators: Pneumatic Single-Spring Diaphragm models 35-55-85 – Electric Actuators for modulating services

FLY GS SERIES

Multi Use Globe Valve for Light Industry

FLY GS Series are control valves specifically designed for applications in light industries, including food, beverage, pharmaceutical, and textile sectors.

FEATURES

- | Materials: Cast/Ductile Iron, Carbon Steel, Stainless Steel
- | Sizes: 1/2" – 10"
- | Rating: 150# – 300# (PN16 – PN40)
- | Connections: Flanged DIN, Flanged ASME, BW & SW
- | Trim: Parabolic linear and single stage for noise and cavitation control
- | Actuators: Pneumatic Multi-Spring Diaphragm, Electric Actuators for modulating services, (other on request).



FLY SERIES

Multi Use Globe Valve

FLY Series are control valves for medium duties with fully featured designs for different market sectors.

FEATURES

- | Materials: Cast/Ductile Iron, Carbon Steel, Stainless Steel, Chrome-Moly and Alloy Steels
- | Sizes & Rating:
 - | 3/4" – 2" 150# - 2500#
 - | 3" – 10" - 150# – 600#
- | Connections: Threaded, Flanged DIN, Flanged ASME, BW & SW
- | Trim: Parabolic Unbalanced and cage guided balanced – Up to 2 stages for Noise or Cavitation control trims – Leak Class IV, V and VI – Quick change trim design
- | Actuators: Pneumatic Multi-Spring Diaphragm, Electric Actuators for modulating services, (other on request).



DSE SERIES

Heavy Duty Globe Valve

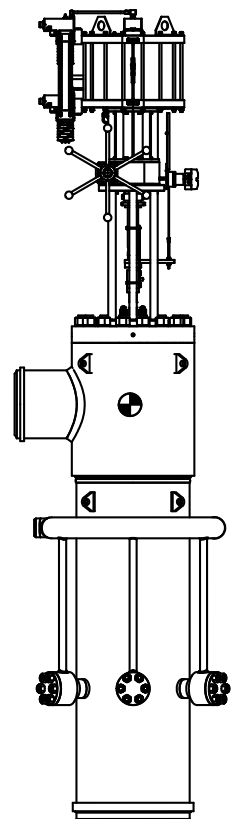
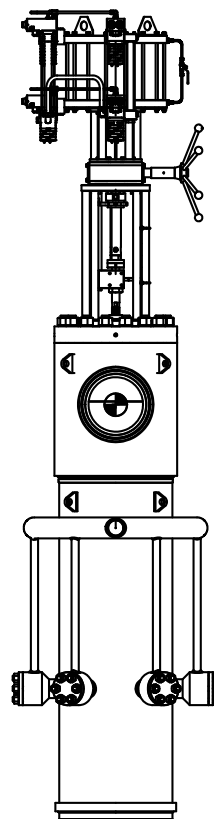
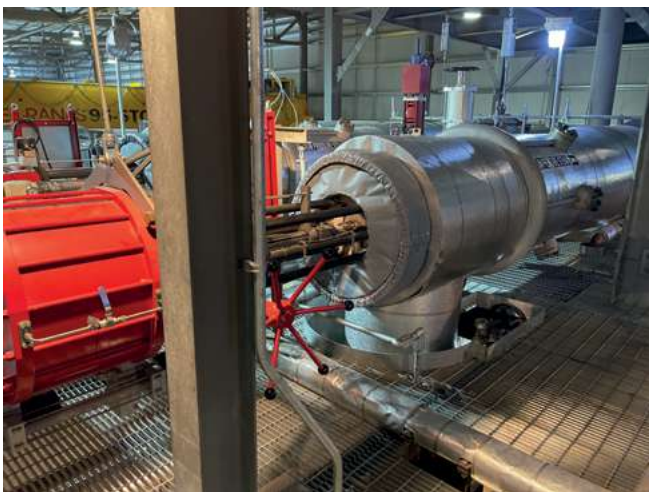
Heavy duties control valve with enhanced severe service design, improved flow capacity and easy maintenance.

FEATURES

- | Materials: Carbon Steel, Stainless Steel, Chrome-Moly and Alloy Steels
- | Sizes: 2" – 24"
- | Rating: 150# – 2500#
- | Connections: Flanged DIN, Flanged ASME, BW
- | Trim: Cage Guided Balanced with 1-2 stages Les-Sonic or Les-Cav or customized labyrinth trims for noise & cavitation control – Leak Class IV, V and VI
- | Actuators: Pneumatic Multi-Spring Diaphragm – Electric Actuators for modulating services – (others on request).

DESUPERHEATERS

Complete set of desuperheaters available for continuous steam conditioning systems as well as emergency service applications.



SMD SERIES

3-Way Control Valve

3-way Control valve with enhanced flow control and high flow and low-pressure recovery, with suitable design for different market sectors.

FEATURES

- | Materials: : Cast/Ductile Iron, Carbon Steel, Stainless Steel, Chrome-Moly and Alloy steels
- | Sizes: 1/2" – 8"
- | Rating: 150# – 300#
- | Connections: Flanged DIN, Flanged ASME, BW & SW
- | Trim: Top + Seat guided – Mixing or Diverting versions – Single stage Noise or Cavitation trims – Leak Class IV and VI
- | Actuators: Pneumatic Multi-Spring Diaphragm, Electric Actuators for modulating services – (others on request).



KMAX™ SERIES

Eccentric Plug Rotary-Globe Valve

Universal rotary control valve with extraordinary flow control capacity. The heavy-duty trim design allows the valve working on slurry services and solid particles presence.

FEATURES

- | Materials: Carbon Steel, Stainless Steel, Chrome-Moly and Alloy Steels
- | Sizes: 1" – 8"
- | Rating: 150# – 600#
- | Connections: Flangeless, Separable or Integral Flanged DIN, Separable or Integral Flanged ASME
- | Trim: Eccentric plug – High Rangeability >100:1 – Bidirectional Flow – Leak Class IV, V and VI
- | Actuators: Pneumatic Single-Spring Diaphragm – Electric Actuators for modulating services – (others on request).

AEROFLOW® SERIES

Super-Critical Applications Control Valve

Control valve for critical duties with fully featured designs and capable to guarantee ZERO leakage with metal-to-metal seating and temperature above 650°C/1200°F.

AEROFLOW® boasts a unique technology thanks to **AERODYNAMIC VANES** cast into the valve body inlet and outlet. Inlet vanes help divert incoming flow evenly around the cage, minimizing turbulence and flow instability as well as improving flow capacity. Outlet vanes minimize turbulence to reduce noise and body erosion.

One of the best design on the market available to grant **ZERO LEAKAGE**. Pilot plug as well as the protected seat and unique trim components design provide positive shut-off effects for granting the BEST LEAK CLASS possible at extreme conditions of pressure and temperature.

Hung Cage - The quick-change seat features a cage which is hung in the body. This allows the cage to expand freely through sudden wide variations in fluid temperature. This tolerance for cage expansion solves the typical problems seen in cage retained designs such as cage warping, plug binding, galling, and crushed gaskets.

Thermal Shock Prevention - In 4-20" body sizes, Aeroflow's seat ring is not threaded, welded, or loaded in place by the cage. Seat retention and seat gasket loading are accomplished with a stainless-steel load ring and multiple silver-plated load screws for controlled seat gasket loading which is impervious to thermal shock.

FEATURES

- | Materials: Carbon Steel, Stainless Steel, Chrome-Moly and Alloy Steels
- | Sizes: 1/2" – 16" (20" angle style)
- | Rating: 150# – 4500#
- | Connections: Flanged DIN, Flanged ASME, BW & SW, with expanded connections if required
- | Trim: Parabolic Unbalanced, LT & HT Balanced, Pilot Balanced. Up to 6 stages Les-Sonic or Les-Cav trims and customized labyrinth trim for noise & cavitation control. For angle style valves a secondary stage pressure control cages for Bypass, Steam Conditioning, Vent, Anti-surge and other critical applications. Leak Class IV, V, VI and ZERO Leakage
- | Actuators: Pneumatic Piston models Magnum 6-10-13-16-20 Double Effect and Spring Return for heavy duty purpose – Multispring actuators – Electric Actuators for modulating services – (others on request).





SINGLE & MULTISPRING
PNEUMATIC ACTUATOR



PISTON ACTUATOR



ELECTRIC ACTUATOR

PNEUMATIC

DIAPHRAGM AND PISTON ACTUATORS

Single & Multi-Spring: Carbon Steel materials of construction with several spring ranges to optimize the air consumption and obtaining the necessary thrust for each application.

Side handwheel available.

Cast iron yoke with the option of carbon steel.

Stroke: 15 mm till 127 mm or 5".

Single & Double Acting Piston: Carbon Steel materials of construction suitable for high thrust and precise control for each application.

Stroke: 20mm till 125mm.

Main Features: Single or Double Acting with spring return, available with Lateral Handwheel and with heavy Top + Bottom shaft guide for perfect stem alignments and reduced friction.

MINI-P

Available on AEROFLOW valve series.
Multi-Step trim for Medium-Severe Cavitation Control.
Size range from 1" to 2"



MINI-P

LES-SONIC

Available on DBO, DSE, FLY and AEROFLOW® valve series. Single or Multi-Stage trim for Noise Reduction.
Size range from 2" to 24"



LES-SONIC

PERFORATED PLUG

Available on FLY-GS and SMD valve series.
Single or Multi-Stage trim for Noise Reduction & Cavitation Control.
Size range from 0.5" to 10"



PERFORATED
PLUG

LES-CAV

Available on DBO, FLY, DSE and AEROFLOW valve series.
Single or Multi-Stage trim for Medium-Severe Cavitation Control.
Size range from 2" to 20"



LES-CAV

LABYRINTH TRIM

Available on AEROFLOW® and DSE valve series.
Multi-Stage trim for the most Critical Cavitation Control.
Size range from 2" to 24"



LABYRINTH
TRIM

ACCESSORIES AND POSITIONERS

To complete the requirements of any scope of supply we are including in our product lines all the necessary accessories for reaching the desired process performances.

The most relevant are:

- | Air Filter Regulators
- | Volume Boosters
- | Lockup Devices
- | Limit Switches
- | Solenoid Valves
- | Emergency Customized Control Panels

POSITIONERS

Full range of analog and intelligent Smart Positioners for pneumatic actuated Linear and Rotary control valves.

This device provides high precision, reliability and flexibility to the valve system, according to the performance level selected.

Our range is including:

- | Standard and hazardous area versions
- | Stainless steel housings
- | Low temperature version
- | Full digital communication protocols availability
- | Feedback, partial stroke and fail freeze functions
- | Safety integrity level Iertificate (SIL)
- | Basic and advanced diagnostics



REFERENCES

EPC

- | | | |
|------------------|-------------------|--------|
| Technip Energies | Saipem | TSK |
| Tecnimont | Tecnicas Reunidas | Edison |
| KT | Bonatti | Enel |

OIL & GAS

- | Porthos Onshore - Maasvlakte CO2 Compressor Station (The Netherlands) - End User: Porthos Offshore Transport and Storage C.V. (The Netherlands)
- | Sulphur Treatment Plant for Horizon Oil Sands Project in Forth McMurray (Northern Alberta) - End User: CNRL - CANADIAN NATIONAL RESOURCES LIMITED (Canada)
- | M'Boundi Oil Field - End User: ENI S.p.A. & SOCIETE NATIONALE DES PETROLES DU CONGO (Congo)
- | Zelzate Gas Transport Plant - End User: FLUXYS (Belgium)
- | Revamping Berneau Compression Station - End User: FLUXYS (Belgium)
- | Revamping Winkesele Gas Compression Station - End User: FLUXYS (Belgium)
- | Ogbainbiri Oil and Gas Field - End User: NAOC - Nigerian Agip Oil Company (Nigeria)
- | Punta de Mata Gas Project - End User: PDVSA (Venezuela)
- | Planta de Compresion de San Joaquin - End User: PDVSA (Venezuela)
- | Nuevo Complejo de Gasoducto de Muscar - End User: PDVSA (Venezuela)
- | North Field OnShore LNG Project - End User: QATARGAS (Qatar)
- | LNG Al Khaleej Gas Phase 2 Project (AKG-2) - End User: RASGAS COMPANY LIMITED (Qatar)
- | El Merk Gas Plant - End User: SONATRACH (Algeria)
- | Arzew LNG Plant - End User: SONATRACH (Algeria)
- | Berkine Gas Plant - End User: SONATRACH (Algeria)
- | Compressors for Hassi Messaoud Liquified Natural Gas (LNG) Project - End User: SONATRACH (Algeria)
- | Revamping Gina Krog Platform - Norway - End User: EQUINOR (Norway)
- | Luhais & Subba Oil Field Project (Iraq) - End User: SCOP (Iraq)
- | Gas Compressor Skids - End User: IPSP (Egypt)
- | BS 160 - Booster Station Project - End User: KOC (Kuwait)
- | Revamping BS 132 - Booster Station Project - End User: KOC (Kuwait)
- | Yibal Khuff Upgrade Project - End User: PDO (Oman)
- | Kauther Gas Project - End User: PDO (Oman)
- | Ras Laffan - QatarGas 4 LNG Project - End User: QATAR LIQUEFIED GAS COMPANY LIMITED (Qatar)
- | Ras Laffan Onshore Expansion Project - End User: RAS LAFFAN LNG COMPANY (Qatar)
- | Sakhalin-1 Oil Plattform - End User: SAKHALIN OIL & GAS DEVELOPMENT CO. (Russia)
- | Revamping West Qurna Oil Field - End User: SCOP (Iraq)
- | Hassi Messaoud Gas Plant - End User: SONATRACH (Algeria)
- | In Salah Gas Treatment Plant - End User: SONATRACH (Algeria)
- | Revamping Val d'Agri Oil Field - Area Pozzo MA5 (Italy) - End User: ENI SpA (Italy)

PETROCHEMICAL AND CHEMICAL

- | Revamping of Arese Chemical Plant (Italy) - End User: AKZO NOBEL CHEMICALS (Italy)
- | Lyondell Chemical, Lake Charles Project - End User: LYONDELL CHEMICALS (USA)
- | Jorf Lasfar Phosphoric Acid Plant - End User: OCP SA - Office Chérifien des Phosphates (Morocco)
- | Revamping Melamine Plant - End User: AGROLINZ (Italy)
- | Kima Ammonia Plant - End User: AIN SUKHNA PRODUCT HUB (ASPH) LOT II - THE TANK FARM & TOPSIDE FACILITIES (Egypt)
- | Borouge 4 - End User: BOROUGE (UAE)
- | Revamping Ammonia & Urea Fertilizer Complex - End User: KRIBHCO FERTILIZERS LIMITED (India)
- | "Togliattiazot Ammonia & Urea Plant - End User: PJSC METAFRAX, GUBAKHA, PERM REGION (RUSSIA) (Russia)"
- | Revamping Ferrara Petrochemical Plant (Italy) - End User: VERSALIS SpA (Italy)
- | Revamping of Mantova Petrochemical Plant (Italy) - End User: VERSALIS SpA (Italy)
- | New Antibiotics Lines at Verona Plant (Italy) - End User: ANKERFARM GLAXO (Italy)
- | Togliattiazot Ammonia Plant - End User: JSC Togliattiazot (Russia)
- | Atlas Methanol Project - End User: TTMC - Trinidad and Tobago Methanol Company (Trinidad & Tobago)

REFINERY

- | EUROVALVE Srl, Jubail Refinery Expansion Project - End User: ARAMCO (Saudi Arabia)
- | KTI S.p.A., Sulphur Treatment Plant for Modernization of the ISLA Refinery in Curacao (Netherlands Antilles) - End User: HOVENSA (JV between PDVSA and Amerada Hess) (Netherlands Antilles)
- | KTI S.p.A., Sulphur Treatment Plant at Sisak Refinery (Croatia) - End User: INA Industrija Naftne DD (Croatia)
- | VALVE SERVICE, Revamping Marathon Ashland Refinery - End User: MARATHON ASHLAND (USA)
- | PDVSA SERVICES, Hydrogen Unit at Paraguayaná Refinery Complex - End User: PDVSA (Venezuela)
- | PDVSA SERVICES, Revamping Refinería Puerto La Cruz - End User: PDVSA (Venezuela)
- | OMAS TEKNIK PARZALAMA, Revamping Izmit Refinery - End User: TUPRAS IZMIT OIL REFINERY (Turkey)
- | KT - KINETIC TECHNOLOGY SpA, Hydrogen Production Unit (HPU) at Livorno Refinery (Italy) - End User: ENI SpA (Italy)
- | STP , Upgrading & Modifications of Existing Re-refining Plant (Saudi Arabia) - End User: YUNITCO (Saudi Arabia)
- | CIRCOR FLOW TECHNOLOGIES, Revamping Falconara Refinery - End User: API S.p.A. (Italy)
- | CIRCOR FLOW TECHNOLOGY, Revamping Baton Rouge Refinery - End User: EXXON (USA)
- | ISAB S.p.A., Revamping of Caustic Soda and Vacuum Units at Priolo Gargallo Refinery (Italy) - End User: ISAB S.p.A. (Italy)
- | JORDAN PETROLEUM REFINERY COMPANY, New Crude Oil, Process Gases and Cooling Water Units at Zarqa Refinery (Jordan) - End User: JORDAN PETROLEUM REFINERY COMPANY Ltd (Jordan)
- | ABB PROCESS & SOLUTIONS, Revamping Skikda Refinery - End User: SONATRACH (Algeria)
- | TECHINT, Chlorine Unit at La Plata Refinery - End User: YPF REFINERY (Argentina)
- | RESEARCH Srl, Hot Oil Pump Skid - Nassiriya Refinery (Iraq) - End User: SCOP (Iraq)

POWER

- | Billingsley Power Plant - End User: ALABAMA POWER COMPANY (USA)
- | Demopolis Power Plant - End User: ALABAMA POWER COMPANY (USA)
- | AEP-Mitchel Plant - End User: AMERICAN ELECTRIC POWER (USA)
- | Rockport Power Plant - End User: AMERICAN ELECTRIC POWER (USA)
- | Kanawha River Plant - End User: AMERICAN ELECTRIC POWER (USA)
- | Ben French Power Plant - End User: BLACK HILLS CO. (USA)
- | Centrale Térmica Los Barrios - End User: ENDESA GENERACION S.A. (Spain)
- | Salt River Power Station Project - End User: ESCOM (USA)
- | Lake Kivu Gas Power Station - End User: KIVU WATT (Rwanda)
- | Revamping of KHNP Nuclear power Plant - End User: KOREA HYDRO & NUCLEAR POWER CO. (Korea)
- | Shuaiba North Desalination & Power Plant - End User: MEW - Ministry of Electricity and Water (Kuwait)
- | CPV Valley Energy Center - End User: SIEMENS ENERGY (USA)
- | CHP Sandford Power Station - End User: FLORIDA POWER & LIGHT (USA)
- | SIEMENS ENERGY, Losanne Power Plant - End User: POWER P. LOSANNE (Switzerland)
- | ATIL SYSTEM, Revamping Colleferro Cogeneration Thermal Plant - End User: TERMICA COLLEFERRO S.p.A. (Italy)
- | ATIKOL DIS TICARET, 850 MWe Gebze Yeni Elektrik Uretim A.S. Power Plant - End User: YENI ELEKTRIK URETIM AŞ (Turkey)
- | TERMOTECNICA INDUSTRIALE SRL, NATREF Steam Boilers Project (nr. 3 steam boilers) - South Africa - End User: NATREF (South Africa)
- | TERMOTECNICA INDUSTRIALE SRL, COGENIO Steam Boilers Project (nr. 2 steam boilers) - Castelmassa (Italy) - End User: COGENIO SpA (Italy)
- | TERMOTECNICA INDUSTRIALE SRL, Revamping Steam Boiler at Pioraco Pulp & Paper Plant - Pioraco (Italy) - End User: CARTIERE MILIANI FABRIANO SpA - Gruppo Fedrigoni - (Italy)
- | CVI Australia, Revamping Worsley Fuel Cogeneration Project (Australia) - End User: Worsley (Australia)
- | TSK - TSK ELECTRÓNICA Y ELECTRICIDAD, S.A., Generadora San felipe - 468 MW Combined Cycle Gas-fired Power Plant (Dominican Republic) - End User: GENERADORA SAN FELIPE (Dominican Republic)

Products, services and methodologies of Armstrong International have been certified and approved by a variety of respected organizations. Visit our website to view all our certificates.

ACI Central Inc.
20 McMillan Court
Charlottetown, PE C1A 9M7
Canada

Data Information - Pressure Fitting Design
CRN DC3564.7980YTN
Manufacturer: Armstrong International SRL
FID/PI: FID-16619
Trademark: Large stylized "A" with a sunburst logo within, with a smaller font "Armstrong" beneath.
Description: Control valves. Includes Aeroflow, Dboy, Dio, K-Max, DSE models. All valve model numbers fully comply with the requirements of ASME B16.34.
Design code: ASME B16.34
Registration date: 03/31/2025
Expiry date: 03/28/2035

Pressure Rating	Type	Size	Material
CL150 to 2500	Aeroflow	1" to 10" BW	A216 WCB; A217 WC9;
CL150 to 600	Dboy	2" to 8" B16.5 Flg.	A351 CF8H
CL150 to 300	Dio	1/2" to 2" Thd., SW; to 4" B16.5 Flg.	
CL150 to 600	K-Max	1" to 8" B16.5 Flg.	
CL150 to 2500	DSE	2" to 16" B16.5 Flg.	

Note: Other listed ASME B16.34 materials may be supplied.

This certificate registers certificate 0094/PED/NA/20240015 issued on 20 December 2024 which is hereby certified:

LRQA

EU CERTIFICATE OF CONFORMITY

In accordance with the requirements of the Pressure Equipment Directive 2014/68/EU

This is to certify that the Quality Management System of:

ARMSTRONG INTERNATIONAL SRL
Viale della Repubblica N.93 - 20835 Muggiò (MB) - Italy

has been assessed against the requirements of Annex II, **Module H** of the Pressure Equipment Directive 2014/68/EU and conforms to the requirements of the products shown below:

Design and manufacture of control valves (Aeroflow; DSE, Fly, KMAX, SMD and DRP) in carbon, stainless and high alloyed steels from 1 1/4" to 16" (DN 32 to DN 400) class rating 150 to 2500 (PN 25 to PN 420)

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive for the products listed on the attached schedule.

Authorisation is hereby given to use the LRQA Inspection Iberia, S.A. Notified Body identification Number in accordance with the requirements of the specified Directive in relation to the products as identified above.

Certificate No: 0094/PED/NA/20240015 ENG A1
Original Approval: 20 December 2024
Current Certificate: 15 January 2025 (amendment A1 date)
Certificate Expiry: 19 December 2027
LRQA Inspection Iberia, S.A. Notified Body 0094

[Signature]
Technical Manager

ENAC

Page 1 of 2

Certificate
Manufacturer and Welding Shop
acc. to AD 2000-Code

Certificate no.: 01 202 ITA-24 0007 50

Name and address of the certificate holder:
ARMSTRONG INTERNATIONAL SRL
Via della Repubblica 93
20835 Muggiò MB
Italy

It is hereby certified that the manufacturer has furnished proof of the quality requirements. The above-mentioned company:

- has facilities permitting manufacturing and inspection in conformity with the present technical standard,
- operates a quality system which guarantees that manufacturing and inspection of the products stated in our report are in conformity with the technical codes and regulations,
- employs qualified supervisory and inspection personnel.

Specifications:
AD 2000-Merkblatt HP 9 / A1
under the Directive 2014/68/EU Annex I, Para. 3.1

Test Report no.: 7992862/241218-1/267797

Scope: **Manufacturing of Pressure Equipment, see report**

Manufacturing Plant: see certificate holder

Validity: **This certificate is valid until 2025-02-05.**

Cologne, 2025-02-06
[Signature]
Dipl.-Ing. Achim Malakovic
Certification body for welding manufacturers

TÜV Rheinland
Precisely Right.

CERTIFICATE
No. 3917052

This is to certify that the Quality Management System of the company:

ARMSTRONG INTERNATIONAL SRL
VIALE DELLA REPUBBLICA 93
20835 MUGGIO' (MB)
Italy

has been assessed and found to be in compliance with the Standard

ISO 9001:2015

applicable to:

Manufacture of control valves, pressure reducing valves and accessories.

(EN Clause 19 (M423:201)

The certificate has been issued under No. 3917052 (previous 0) for the registration period from 10 December 2024 to 01 April 2025.
(The first certificate date of issue is 02 April 2024)

[Signature]
Dipl.-Ing. Achim Malakovic

IAF **ILAC**

Validity code: 25A00141-25A V7
Check the history of this certificate using the code at www.ilac.org

IL-C (Certification Czech Republic a.s.) | Pohořelá 426/3, 180 00 Praha 8

CONTACT ARMSTRONG
FLOW CONTROL GROUP

To get more information or to find your representative,
visit **armstrong**international.eu



INTELLIGENT THERMAL UTILITIES SOLUTIONS FROM A GLOBAL
LEADER IN ENERGY MANAGEMENT AND ENJOYABLE EXPERIENCES

Armstrong International

The Americas | Asia | Europe, Middle East, Africa

armstronginternational.eu