



> Upstream > Midstream > Downstream > (Petro-) Chemical valve applications



Fast track delivery

Special materials

Special design

Tailor-made
valve solutions

Red Point Alloys BV is world leader in tailor-made valves and known for more than 30 years of experience in fast track delivery, special materials and special design.

With engineering, production, assembling and testing under one roof, we manufacture valves you urgently need in a very limited time frame.

Our valves are produced from special materials such as super-duplex, titanium and nickel alloys - suitable for extraordinary applications - and special valves in standard materials like stainless or carbon steels.

Flexible at all times, especially for emergency valve requirements.

With our highest level of flexibility, in-house production, technical know-how and dedicated staff, we look forward to be your perfect business partner in valves.

**Your perfect
business partner.**

Have you ever come across a situation:

- where a valve could not be sourced from stock;
- where your standard supplier was not able to deliver the valve you urgently needed;
- where you were not able to start up or finish the project.

Wouldn't you like to start up your project or plant without risking costly down time or penalties?

That is where we step in. We can help. How?

Simply by supplying the valve you need in time.

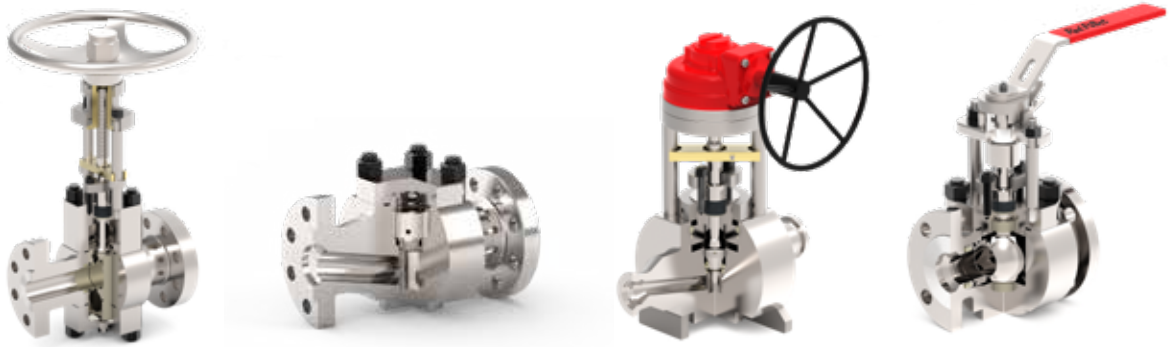
**Red Point steps in when
urgent assistance is needed.**



Design & engineering

Your request is in the very capable hands of our engineers. They have a solution for every valve problem. Our engineers create a design according to your specific needs. They use an engineering analysis program (FMAP) and solid modeling 3D software to design the valves. And last but not least our engineers work with computerized fluid design software to calculate strength, flow, temperature and pressure influences.


Our valves are designed to suit extraordinary applications for all kind of industries.



Production & testing

When the designs are approved by the customer, the production process starts. Our highly qualified staff works with high speed machines to produce your valves according to your specifications. A primary focus of Red Point is continuously investing in state-of-the-art machinery according to the latest technology.

After the production process has finished, each and every single valve is tested in-house. Our valves have to endure a hydro-test on body and seat, followed by a low pressure air-test. Additional tests on valves and materials such as fugitive emission, high pressure gas, PMI or NDE tests can also be arranged by Red Point.



“A primary focus of Red Point is continuously investing in state-of-the-art machinery according to the latest technology.”

Special materials

Next to stainless and carbon steel, we manufacture valves in special materials such as titanium, nickel alloys, HASTELLOY®, INCOLOY®, MONEL®, Alloy 20, super-duplex, corrosion resistant alloys and urea grade materials. We have a variety of materials and alloys in forged to shape geometry on stock. These valve body forgings have integral flanges and are available in different material grades and are independent from minimum order quantities.

Red Point can manufacture that one specific valve you need so urgently within days.

LOY® C276 321H NICKEL ALLOY 904L INCOLOY® 625 (SUPER) DUPLEX FERRALUM
IO ALLOY 20 INCOLOY® 800 ALLOY 59 MONEL® 400 TITANIUM GR5 INCOLO
TITANIUM GR2 ZIRCONIUM® 702 347H INCOLOY® 825 INCOLOY® 625 (SUPE
M GR3 HASTELLOY® C276 321H NICKEL ALLOY 904L INCOLOY® 625 (SUP
UM GR3 254 SMO ALLOY 20 INCOLOY® 800 ALLOY 59 MONEL® 400 TITAN
B3 TITANIUM GR2 ZIRCONIUM® 702 HASTELLOY® C276 321H NICKEL ALL
(R) DUPLEX FERRALIUM® TITANIUM GR3 254 SMO ALLOY 20 INCOLOY® 800
TITANIUM GR5 INCOLOY® 600 HASTELLOY® B3 TITANIUM GR2 ZIRCONIUM® 70
® 625 (SUPER) DUPLEX FERRALIUM® TITANIUM GR3 HASTELLOY® C276 32
Y® 625 (SUPER) DUPLEX FERRALIUM® TITANIUM GR3 254 SMO ALLOY 20

*HASTELLOY® is a Haynes' US registered trademark

Markets

Because of the international specifications, the broad knowledge of material sourcing and technical ability to manufacture special valves, Red Point is a highly appreciated supplier to a large variety of industries. Our international network of customers and local trading houses also enables Red Point to serve the end-users anywhere in the world.

- Petrochemical
- Oil & gas
- Oilsands
- LNG
- Chemical
- Desalination
- Power
- Mining
- Fertilizer plants
- PTA plants

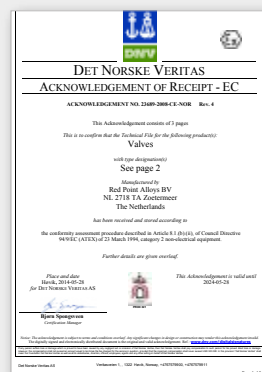
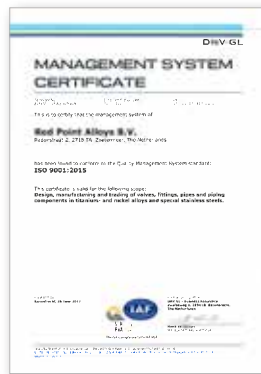





Quality & certificates

Throughout the years, Red Point Alloys has obtained a wide range of qualifications, certifications and (customer) approvals.

Our valves are designed and manufactured against the latest industrial standards with proven designs. Our valve data books and design validation records are well documented. Quality is our philosophy. All our employees are well educated, trained and fully aware that our products have to be of the highest quality level, which cannot be compromised in any way. This is endorsed by the following certifications of our quality management system:

- NEN-EN-ISO 9001: 2015
- PED directive 2014/68/EU
annex III module H
- API spec Q1 and API-6D
License
- API-6A License
- CRN Registration OC05690.2
- Achilles JQS Qualification
- AD 2000 Merkblatt W0/A4
and TRD100
- OHSAS 18001: 2007
- TR CU 032
- TR CU 010
- Shell TAMAP approved
- ATEX 94/9/EC cat 2




-  Head Office, The Netherlands
-  Red Point Shanghai Office
-  Valves supplied worldwide



Export & shipping

Red Point valves are shipped worldwide to our customers. Due to the strategic location of Red Point (within half an hour of Amsterdam and Rotterdam-The Hague Airport and Rotterdam Seaport) transportation can easily be arranged by our experienced export & shipping personnel.



“We do not have a standard production range. We are not limited by a certain range of material. We simply provide what our customers need.”

Product range

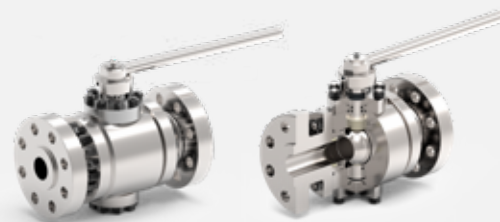
Our production range covers Ball, Globe, Gate, Check, Double Block & Bleed and Cryogenic valves based on customer specification. We therefore can only show a part of our total range. If you are looking for a different valve than shown in this brochure, please do not hesitate to contact our sales department (sales@redpoint.nl).

All Red Point valves are based on international codes and standards.



Ball valves

Type	Floating or trunnion mounted
Seats	Soft or metal seated
Body style	One piece body (top, side or end entry), split body (two or three piece)
Sizes	Range from 0,25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4.500 / 10.000 PSI / PN 400
End connections	Flanged, BW, SW, THR, HUB, PE
Options	Extended stem, various coatings on ball & seats, various seat materials, single or double piston design
Operator	Lever, gear, bare stem, actuator



Gate valves

Type	Flexible or solid wedge
Bonnet	Bolted, welded or bellow sealed bonnet
Sizes	Range from 0,25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4.500 / 10.000 PSI / PN 400
End connections	Flanged, BW, SW, THR, HUB
Options	Through Conduit, extended bonnet, pressure seal bonnet
Operator	Handwheel, actuator operated, bare stem



Globe valves

Type	Plug, needle, swivel, regulating disc
Bonnet	Bolted, welded, bellow sealed bonnet
Body style	Straight, Angle, Y-type
Sizes	Range from 0,25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4.500 / 10.000 PSI / PN 400
End connections	Flanged, BW, SW, THR, HUB
Options	Extended bonnet, SDNR, pressure seal bonnet
Operator	Handwheel, actuator operated, bare stem



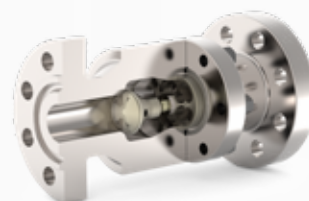
Check valves

Type	Piston, Swing, Ball, Dual Plate
Sizes	Range from 0,25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4.500 / 10.000 PSI / PN 400
End connections	Flanged, Wafer type, BW, SW, THR, HUB
Options	Spring loaded



Nozzle Check valves

Type	Inline, non-slam
Body styles	One piece
Sizes	Range from 2" up to 6" / DN 50 to DN 150
Pressure ratings	Up to class 2.500 / 6.000 PSI / PN 400
End connections	HUB, Flanged, BW



Double Block & Bleed valves

Type	Floating or trunnion mounted
Seats	Soft or metal seated
Body style	One piece body (side or end entry), split body (two or three piece)
Sizes	Range from 0,25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4.500 / 10.000 PSI / PN 400
End connections	Flanged, BW, SW, THR, HUB, PE
Options	Extended stem, various coatings on ball & seats, various seat materials, single or double piston design
Operator	Lever, gear, bare stem, actuator



Fertilizer valves

Type	Plug
Bonnet	Bolted, welded, extended
Body style	Angle, Y-type, Straight
Sizes	Range from 0,25" up to 6" / DN6 to DN 150
Pressure ratings	Up to class 2.500 / PN 420
End connections	Flanged, BW, SW, THR, HUB
Options	Extended bonnet
Operator	Handwheel, actuator operated, bare stem



Cryogenic valves

Type	Ball, gate, globe and check valves
Sizes	Range from 0,5" up to 6" / DN 15 to DN 150
Pressure ratings	Up to class 2500 / PN 400
Temperature	Minus 196°C up to 300°C, tested in accordance with Shell specification 77/300
Operator	Lever, gear, handwheel, gearbox



Tailor-made valves

Type	Valves designed, calculated, produced and tested according to customers requirements
Sizes	Range from 0,25" up to 16" / DN 6 to DN 400
Pressure ratings	Up to class 4500 / 10.000 PSI / PN 400
End connections	Flanged, BW, SW, THR, HUB, PE
Options	Extended stem, various coatings on ball & seats, various seat materials, various trims, single or double piston design
Operator	Lever, gear, bare stem, actuator



A selection of our loyal customers

