



**COMPANY
PROFILE**

TNB GLOBAL



VISION



TNB Global has been providing a first-class stockholding, distribution and project management service since 2015. Established as a resource for "hard to find, exotic alloy and specialty products, TNB has built a reputation in offering an unparalleled service to our clients. We make it our business to insure that we provide the best products and supply in the most efficient time and budget. We serve as a trusted resource for the oil & gas, refining, chemical, marine, mining, petrochemical, power, pulp & paper, sugar and water treatment industries across the African continent.

We are a leading supplier and stockist of valves , pipes and fittings , pipeline and refinery products. Our strength lies in the amount of products we stock Together with our global supply network.

Our success is driven by our purchasing power and reliable international Partners and our drive for "service excellence" in everything that we do

- knowledge, technical ability and teamwork gives TNB Global the edge
- valves, pipes & fittings inventory
- technical and inventory support for projects
- outsourced modification shop with engineering support
- specialized manufacturing production slots for accelerated deliveries
- 24 hour standby personnel
- we deliver on time and on budget



TNB

STEPS IN WHEN URGENT ASSISTANCE IS NEEDED.

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.

TIB GLOBAL




BEE

100%

BLACK

OWNED



TNB Global is 100% black-owned and has been rated as a level 1 contributor. We are dedicated to promoting BBBEE across all levels of our organization. We strive to ensure that TNB Global is a good corporate citizen through our corporate social and enterprise development initiatives as well as complying with all legislation in terms of BBBEE. Skills development and training is crucial in ensuring the education of all our staff. Mentorship programs are on offer to ensure that previously disadvantaged individuals obtain the guidance needed for career advancement

QUALITY ASSURANCE & CERTIFICATES

It has always been clear to the management of TNB Global that quality cannot be an issue in the served industries. This is simply our philosophy. All our employees are well educated and trained and fully aware of the fact that our products have to be of the highest level of quality which cannot be compromised in any way. Our Policy is based on continuous improvement and satisfaction of our clients



American Systems Registrar, LLC, a provider of third-party system registration and accredited by the ANSI-ASQ National Accreditation Board attests that:

TNB GLOBAL (PTY) LTD
24 DATA CRESCENT ROAD
JOHANNESBURG SOUTH, 2091

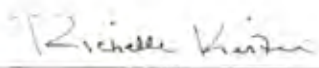
with a scope of:

MARKETING & DISTRIBUTION, WAREHOUSING, REPACKING & DISPATCH OF VALVES FOR APPLICATION IN WATER, CHEMICALS, GASES, PETROLEUM PRODUCTS TO INDUSTRY

has established a quality management system that is in conformance with the International Quality System Standard


ISO 9001:2008

ASR Certificate Number: 8532
Date of Certification: July 17, 2016
Date of Certification Expiration: September 15, 2018
Date of Initial Registration: July 17, 2016
Revision:
Re-issue Date:


President

CERTIFICATE OF REGISTRATION

DESIGN & ENGINEERING



Your request is in the very capable hands of our international manufacturers. They have a solution for every valve problem. The 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 the 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.





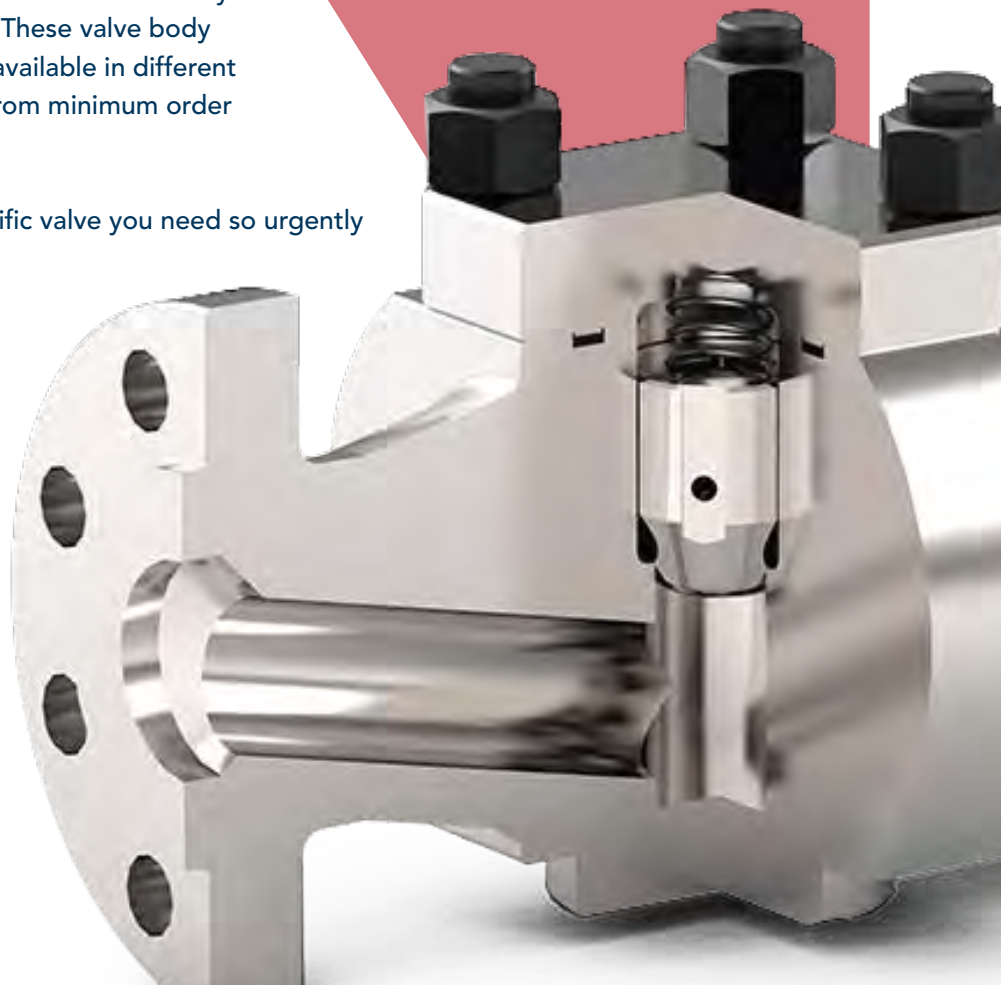
T&B GLOBAL



SPECIAL MATERIALS

Next to stainless and carbon steel, we supply valves in special materials such as titanium, nickel alloys, HASTELLOY®*, INCOLOY®, MONEL®, Alloy 20, super-duplex, corrosion resistant alloys and grade materials. Our manufacturers have a variety of material 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.

TNB Global can supply that one specific valve you need so urgently within days.



MARKET SEGMENTS

Because of the international specifications, the broad knowledge of material sourcing and technical ability to supply special valves, TNB Global is a highly appreciated supplier to a large variety of industries. Our network of international suppliers and trading houses also enable us to serve end-users anywhere in the world.

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





**"WE DO NOT HAVE A
STANDARD STOCK
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, Butterfly, 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 (info@tnbglobal). All TNB Global 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, 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, Dual Plate Check valves

Type: Dual plate

Body styles: One piece

Design: Retainerless

Sizes Range from: 2" up to 16" / DN 50 to DN 400

Pressure ratings: Up to class 4.500 / 10.000 PSI / PN 400

End connections: Wafer type, Lug type, HUB, Flanged

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

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

CRYOGENIC (GLOBE) VALVES

Type: Plug type or regulating disc

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



TNB GLOBAL CLIENTS



SASOL
reaching new frontiers



ArcelorMittal



PETRONAS



KBR

FLUOR®

Technip

JACOBS®

sappi



TNB GLOBAL SUPPLIERS

- Neway Valves
- Larson & Toubro Valves
- Oswal Valves
- Advance Valves
- Ilshin Valves
- Xanik Valves
- RedPoint
- Arflu
- Grupo Cunado



TNB GLOBAL



CPT • DBN • JHB • MOZ • ZIM

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