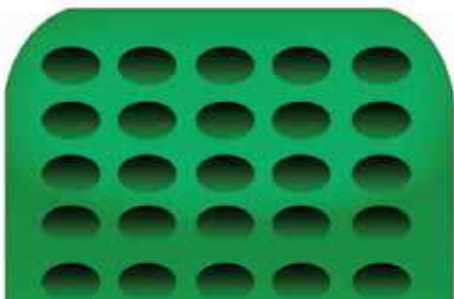




TECTUBI TIANJIN FITTINGS Co.Ltd.



**BUTTWELDING
FITTINGS AND
SPECIAL PRODUCTS**



Company profile

Tectubi Tianjin Fittings in China has been founded in order, to support Chinese and South-East Asian projects. The company is located in Tianjin, in the centre of Dongli Economic and Technological Development Area (DEDA). In addition, a sales office has been opened in Beijing.

The factory, combines Italian quality and Chinese manufacturing skills. The plant, on a total surface area of 78,000 sq m, started production in 2011 of seamless and welded elbows, seamless and welded tees, caps, gauged and normal reductions, barred tees, special flow tees, equal and reducing crosses.



Company details

Company Name
TECTUBI TIANJIN FITTINGS
CO. LTD.

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TECTUBI TIANJIN Fittings Manufacturing

Products & target markets

Drawing on the experience of **Tectubi Raccordi**, **Tectubi Tianjin Fittings** produces welded elbows up to 66", seamless elbows up to 36", reducers, reducing tees, special items (such as barred tees and special flow tees), large thickness pieces for applications in the power sector, and non-standard fittings for nuclear power plants.

The product range allows the company to act as a one-stop solution, thus responding to the expectations of Chinese and South-East Asian EPC companies in the nuclear and thermal power, oil&gas and petrochemical sectors.

Standard fittings

TYPE OF PRODUCT	DIMENSIONS
Seamless elbows	Up to 36"
Welded elbows	Up to 66"
Seamless tees	Up to 24" starting from laminated pipe Up to 1270 mm starting from forged pipe
Welded tees	Up to 66"
Caps	Up to 66"
Ovalisation	3,5%

Special fittings

TYPE OF PRODUCT	DIMENSIONS
Seamless elbows	Up to 36"
Welded elbows	Up to 66"

Special fittings as per customer's drawing



The larger mandrel bending: 900 tons pushing capacity, elbows up to 44" and bends (3D, 5D, 7D) up to 44"



Materials used and related International Standards

CARBON AND ALLOY STEEL FOR ROOM, MODERATE AND ELEVATED TEMPERATURES

ASTM / ASME A234:

WPB - WPC - WP1 WP11 CL 1
WP11 CL 2 - WP11 CL 3
WP12 CL 1 - WP12 CL 2
WP22 CL 1 - WP22 CL 3
WP5 - WP9 - WP91 - WP92

CARBON STEEL FOR LOW TEMPERATURE SERVICE

ASTM / ASME A/SA 420:

WPL 3 - WPL6

STAINLESS STEEL

ASTM / ASME A/SA 403:

WP304 - WP304H - WP304L

WP316 - WP316L - WP321
WP321H - WP347 - WP347H

AUSTENITIC/FERRITIC STAINLESS STEEL

ASTM / ASME A/SA 815:
UNS 31803 (duplex) - UNS
32750 (superduplex)

HIGH YIELD STEEL FOR PIPELINE AND OFFSHORE

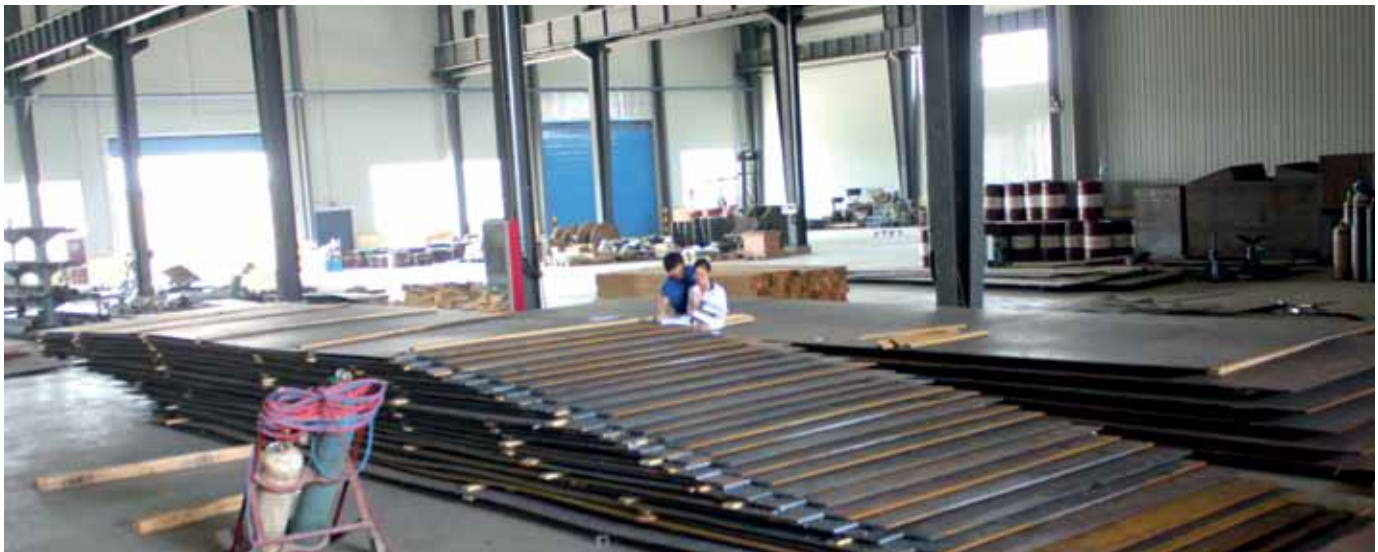
ASTM A860/MSS-SP75:

WPHY 42 WPHY 46 - WPHY
52 - WPHY 56 - WPHY 60
WPHY 65 - WPHY 70
WPHY 80 only as
per MSS-SP75

Production equipment

Tectubi Tianjin Fittings uses for its production pipes and plates sourced locally or abroad. The company's welding procedures and the qualifications held by its welders are endorsed by Lloyd's Register. Some large capacity mandrel bending machines installed in the factory can produce elbows with a diameter up to 44" and a wall thickness of 2".

The heat treatment is carried out with equipment able to treat high-performance and high yield alloy steel. The presses, with a removable platform, produce large dimension fittings up to 66". The factory is equipped for the surface treatment of carbon steel (shot blasting) and stainless steel (pickling and passivation).



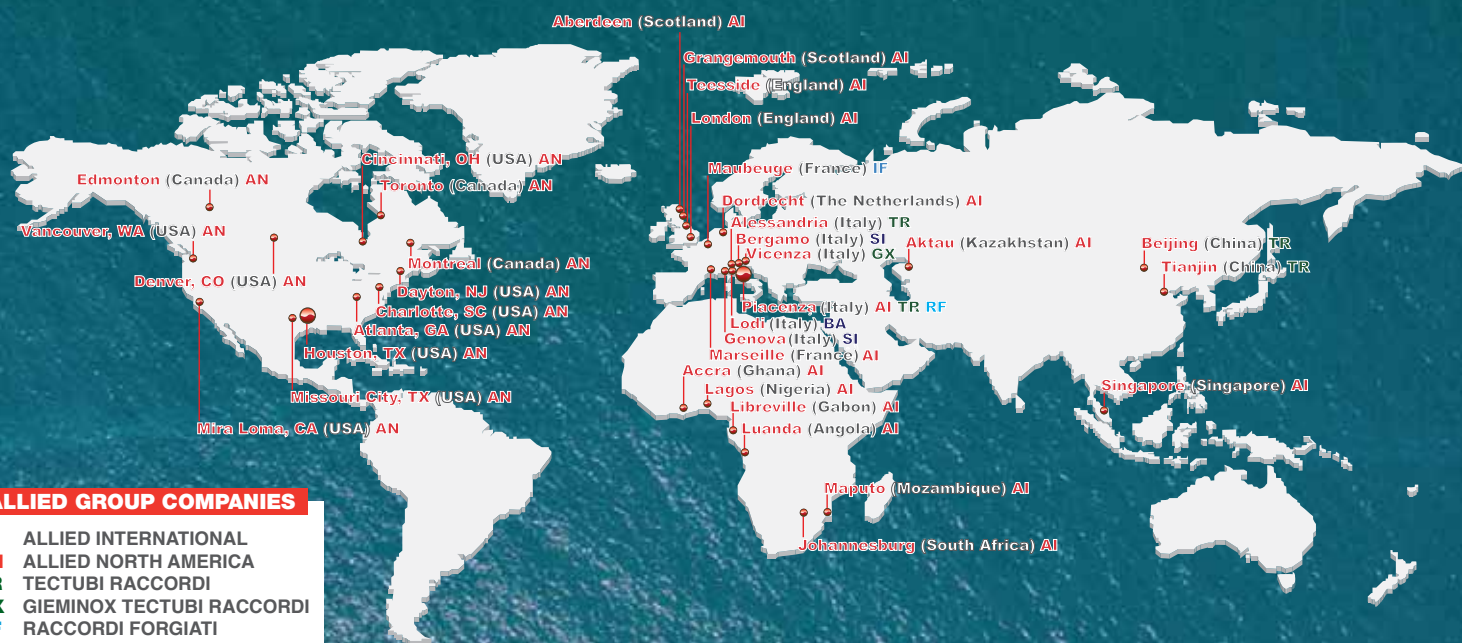
Checking of plates and precision cutting with CNC Oxy-Plasma machine. Thicknesses up to 110 mm

Certifications

- ISO 14001: 2004 and OHSAS 18001:2007 by LRQA
- PED 2014/68/EU by LRQA
- ISO 9001: 2015 and GB/T 19001-2016 by LRQA
- JIS Japan Certification by JQA

In addition to these Certifications, issued by public entities and organizations, **Tectubi Tianjin Fittings** has Approvals issued by private and public companies, such as **BHEL**, **CNPE**, **PDO**, **People's Republic of China pressure piping certificate**, **Robor South Africa**.

ALLIED IN THE WORLD



ALLIED GROUP COMPANIES

- AI** ALLIED INTERNATIONAL
- AN** ALLIED NORTH AMERICA
- TR** TECTUBI RACCORDI
- GX** GIEMINOX TECTUBI RACCORDI
- RF** RACCORDI FORGIATI
- BA** BASSI
- SI** SIMAS
- IF** INTERFIT



The fitting choice worldwide

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Tectubi Tianjin Fittings Co. Ltd. is part of Allied International Group