

# TIANDA OIL PIPE - A VALLOUREC COMPANY

## Overview

### Gen. information

Country	China
Legal name	Anhui Tianda Oil Pipe Co., Ltd
Turnover	350 M USD
Employees	2000
Year of creation	1993
Quality standards	ISO 9002 ISO 14001

### Website

[en.tiandapipe.com](http://en.tiandapipe.com)

### Mother company

Vallourec (99%) France [www.vallourec.com](http://www.vallourec.com)

### Production

Production capacity	500 000 MT
Facilities	3 facilities (2 API certified facilities)

### Products

Shape	Round (12 products)	
Process	Seamless - Rotary piercing (12 products)	from 0.24 to 13.386 inch
Material	Carbon and low alloy steel (11 products) Stainless and high alloy steel (5 products)	from 0.24 to 13.386 inch from 0.24 to 13.375 inch
Application	Standard, ordinary uses (1 product) Oil, gas, chemicals linepipe (4 products) Heat exchange, pressure (3 products) Oil and gas well / OCTG (3 products) Water, sewage, slurry linepipe (2 products) Structure (1 product) Domestic uses (2 products) Machining purpose / hollow bar (1 product) Specific industries (2 products)	

### Standards

API (2)  
ASTM (8)  
DIN (2)  
EN (3)  
GB (12)  
JIS (7)

## TIANDA OIL PIPE - A VALLOUREC COMPANY

### Offices, facilities

**Head office and facility** Zhenxing Road  
Tongcheng Town  
Tianchang City  
Anhui Province. P.C.: 239311  
China

Ph. +86 550 3088388?7518894

### Facilities

Chuzhou - South Shanghai Road Facility  
South Shanghai Road  
Chuzhou City.  
Anhui 239000  
China  
Ph. +86-550-7518303

Production capacity: 500 000 MT - 551 000 UST  
Area: 100 000 sq. m - 1 076 000 sq. ft

API 5L, 5CT

Chuzhou - Tianchang Mill Tianchang Mill  
Zhenxing Rd  
Tongcheng Town  
TianChang  
Anhui 239300  
China  
Ph. +865507518605

Chuzhou - Middle Ziwei Road facility  
Middle Ziwei Road  
Chuzhou City  
Anhui 239000  
China  
Ph. +86-550-7518303

API 5L, 5CT

## TIANDA OIL PIPE - A VALLOUREC COMPANY

### Products

Shape **ROUND**  
 Material **Carbon and low alloy steel**  
 Process **Seamless - Rotary piercing**  
 Application **Standard, ordinary uses**  
 Manufacturer product name **Non Plating Coating and Hot Dipping Galvanizing Welded and Seamless Nominal Steel Pipe**

		Min	Max
<b>Diameter</b>			
OD	inch	4	12.75
OD	mm	101.6	323.9
NPS	inch	3 1/2	12
NS API	inch	4	12 3/4

Available finishing: zinc coating  
 Available ends: grooved ends

Max yield strength: 240 Mpa - 35 Ksi

Standard : ASTM A53  
 Other grade can also be provided after consulting with customers

Shape **ROUND**  
 Material **Carbon and low alloy steel**  
 Process **Seamless - Rotary piercing**  
 Application **Oil, gas, chemicals linepipe (low temperature) - Domestic uses (refrigeration)**  
 Manufacturer product name **Alloy Steel Pipe To 09MnD**

		Min	Max
<b>Diameter</b>			
OD	inch		6.26
OD	mm		159

		Min	Max
<b>Wall thickness</b>			
	inch	0.000	0.790
	mm	0.0	20.0

Carbon and low alloy: low alloy  
 Drawing process: cold drawn

Max yield strength: 240 Mpa - 35 Ksi

Shape **ROUND**  
 Material **Carbon and low alloy steel**  
 Process **Seamless - Rotary piercing**  
 Application **Oil, gas, chemicals linepipe (high temperature) - Heat exchange, pressure**  
 Manufacturer product name **Carbon Steel Pipe for Pressure Pipeline, High Pressure Application and High Temperature Application**

		Min	Max
<b>Diameter</b>			
OD	inch	4	12.75
OD	mm	101.6	323.9
NPS	inch	3 1/2	12
NS API	inch	4	12 3/4

Standards:  
 JIS G3454  
 JIS G3455  
 JIS G3456

## TIANDA OIL PIPE - A VALLOUREC COMPANY

**Shape** **ROUND**  
**Material** **Carbon and low alloy steel**  
**Process** **Seamless - Rotary piercing**  
**Application** Oil, gas, chemicals linepipe (ambient temperature, high temperature, low temperature, corrosive service) - Water, sewage, slurry linepipe (water pipeline) - Machining purpose / hollow bar (machining purpose) - Specific industries (chemical industry)  
**Manufacturer product name** **Seamless Steel Tubes for Liquid Service**

Diameter		Min	Max	Wall thickness		Min	Max
OD	inch	0.551	13.386	inch	0.079	1.181	
OD	mm	14	340	mm	2.0	30.0	

Available finishing: zinc coating

Max yield strength: 325 Mpa - 47 Ksi  
Maximum length: 25 meters - 82 feet

Standard : API 5L, GB/T8163, DIN 1629  
 API grades : A25,A,B X42,X46,X52,X56,X60,X70,X80  
 German grades : St37.0 St44.0 St52.0  
 Other grades : 10, 20, 16Mn

**Shape** **ROUND**  
**Material** **Carbon and low alloy steel, Stainless and high alloy steel**  
**Process** **Seamless - Rotary piercing**  
**Application** Heat exchange, pressure (heat exchanger, boiler)  
**Manufacturer product name** **Corrugated & Helical Groove Seamless Steel Tubes for Heat Exchanger**

Diameter		Min	Max	Wall thickness		Min	Max
OD	inch		6.26	inch	0.000	0.790	
OD	mm		159	mm	0.0	20.0	

Standards : GB3087, GB5310 , DIN 17175  
 German grades : St35.8, St45.8, 15Mo3, 13CrMo44, 10CrMo910,  
 Other grades : 10, 20, 20G, 20MnG, 15MoG, 15CrMo, 12Cr2MoG, 12Cr1MoV, 15Mo3, 13CrMo44, 10CrMo910  
 Other grade can also be provided after consulting with customers.

**Shape** **ROUND**  
**Material** **Carbon and low alloy steel, Stainless and high alloy steel**  
**Process** **Seamless - Rotary piercing**  
**Application** Heat exchange, pressure (refinery still)  
**Manufacturer product name** **Seamless Steel Tubes for Petroleum Cracking**

Diameter		Min	Max
OD	inch	0.24	6.26
OD	mm	6	159

Max yield strength: 205 Mpa - 30 Ksi

Standard : GB9948  
 Grades : 10,20,12CrMo,15CrMo,1Cr19Ni9  
 Other grade can also be provided after consulting with customer

## TIANDA OIL PIPE - A VALLOUREC COMPANY

Shape **ROUND**  
 Material **Carbon and low alloy steel, Stainless and high alloy steel**  
 Process **Seamless - Rotary piercing**  
 Application **Oil and gas well / OCTG (casing)**  
 Manufacturer product name **OCTG casing**

Diameter		Min	Max	Wall thickness		Min	Max
OD	inch	4.5	13.375		inch	0.210	0.510
OD	mm	114.3	339.7		mm	5.2	13.1

OCTG grades: H 40, J 55, K 55, N 80, L 80, C 90, T 95, P 110

Standard: API 5CT

Shape **ROUND**  
 Material **Carbon and low alloy steel, Stainless and high alloy steel**  
 Process **Seamless - Rotary piercing**  
 Application **Oil and gas well / OCTG (tubing)**  
 Manufacturer product name **OCTG tubing**

Diameter		Min	Max	Wall thickness		Min	Max
OD	inch	1.9	4.5		inch	0.130	0.630
OD	mm	48.3	114.3		mm	3.2	16.0

OCTG grades: H 40, J 55, K 55, L 80, C 90, T 95, P 110

API 5CT

Shape **ROUND**  
 Material **Carbon and low alloy steel**  
 Process **Seamless - Rotary piercing**  
 Application **Oil and gas well / OCTG (drill pipe)**  
 Manufacturer product name **OCTG drilling**

Diameter		Min	Max	Wall thickness		Min	Max
OD	inch	2.375	5.5		inch	0.280	0.415
OD	mm	60.3	139.7		mm	7.1	10.5

OCTG ends: internal upset, external upset, internal external upset

Standards: API 5D

## TIANDA OIL PIPE - A VALLOUREC COMPANY

Shape **ROUND**  
 Material **Carbon and low alloy steel**  
 Process **Seamless - Rotary piercing**  
 Application **Water, sewage, slurry linepipe (water corrosive service)**  
 Manufacturer product name **Sea Water Corrosion (Cl-) Resistant Special Pipe to 09CrMoAl**

Diameter		Min	Max
OD	inch	4	12.75
OD	mm	101.6	323.9
NPS	inch	3 1/2	12
NS API	inch	4	12 3/4

Max yield strength: 250 Mpa - 36 Ksi

Standard : Q/TDGG0037--2003 Factory Inner Standard  
 Standard : 09CrMoAl

Shape **ROUND**  
 Material **Carbon and low alloy steel**  
 Process **Seamless - Rotary piercing**  
 Application **Structure**  
 Manufacturer product name **Seamless Steel Tubes for Structural Purposes**

Diameter		Min	Max
OD	inch	4	12.75
OD	mm	101.6	323.9
NPS	inch	3 1/2	12
NS API	inch	4	12 3/4

Max yield strength: 1689 Mpa - 245 Ksi

Standard : GB/T8162  
 Steel grades : 10, 20, 35, 45, 16Mn, 12CrMo, 15CrMo, 12Cr1Mov, etc.

## TIANDA OIL PIPE - A VALLOUREC COMPANY

Shape	<b>ROUND</b>
Material	<b>Stainless and high alloy steel</b>
Process	<b>Seamless - Rotary piercing</b>
Application	Oil, gas, chemicals linepipe (high temperature, low temperature, corrosive service) - Domestic uses (sanitary and food) - Specific industries (pharmaceutical industry)

		<b>Min</b>	<b>Max</b>
<b>Diameter</b>			
OD	inch	<b>0.405</b>	<b>12.75</b>
OD	mm	<b>10.3</b>	<b>323.9</b>
NPS	inch	<b>1/8</b>	<b>12</b>
NS API	inch	<b>1/8</b>	<b>12 3/4</b>

Maximum length: 25 meters - 82 feet

Material grades :

- 304, 304L, 316, 316L, 321

- 12CrMo, 15CrMo, 12Cr1MoV, 0Cr18Ni9, 0Cr25Ni20, 0Cr18Ni10Ti, 00Cr17Ni14Mo2, 0Cr18Ni12Mo2Ti, 1Cr18Ni9Ti, 07Cr2AlMo alloy, 09CrMoAl alloy

Thickness: 5S, 10S, 40S, 80S, 160S, XXH

## TIANDA OIL PIPE - A VALLOUREC COMPANY

### Standards

<b>API</b>	5L	Line pipe
	5CT	Casing and tubing
<b>ASTM</b>	A 106	Seamless carbon steel pipe for high temperature service
	A 179	Seamless cold drawn low carbon steel heat exchanger and condenser tubes
	A 192	Seamless carbon steel boiler tubes for high-pressure service
	A 210	Seamless medium-carbon steel boiler and superheater tubes
	A 213	Seamless ferritic and austenitic alloy steels boiler superheater, and heat-exchanger tubes
	A 269	Seamless and welded austenitic stainless steel tubing for general service (general corrosion-resisting and low- or high-temperature service).
	A 312	Seamless and welded austenitic stainless steel pipes for high-temperature and general corrosive service.
A 519	Seamless carbon and alloy steel mechanical tubing	
<b>DIN</b>	1629	Seamless circular unalloyed steel tubes subject to special requirements - technical delivery conditions (construction of chemical plant, vessels, pipework and for general mechanical engineering purposes)
	17175	Steel tubes medium-weight suitable for screwing
<b>EN</b>	10210	Hot finished structural hollow sections of non-alloy and fine grain structural steel
	10216-1	Seamless steel tubes for pressure purposes - Unalloyed steel tubes with specified room temperature properties
	10216-2	Seamless steel tubes for pressure purposes - technical delivery conditions - unalloyed and alloyed steels with specified elevated temperature properties
<b>GB</b>	T3087	Seamless steel tubes for low and medium pressure boiler
	T3094	Cold drawn seamless special-shape steel pipe
	T5310	Seamless steel tubes and pipes for high pressure boiler
	T8162	Hot rolled seamless tubes for pipeline, vessel and equipment structures
	T8162	Hot rolled seamless tubes for pipeline, vessel and equipment structures
	T8163	Fluid transferring pipe
	T9711	Spirally Welded Pipe
	T9948	Seamless steel tubes for petroleum cracking
	T13296	Seamless stainless steel tubes for boiler and heat exchanger
	T14975	Stainless steel seamless tubes for structures
	T14976	Stainless steel seamless pipes for fluid transport
T18248	Seamless steel tube and pipes for gas cylinder	
<b>JIS</b>	G 3445	Carbon steel tubes for machine structural purposes
	G 3454	Carbon steel pipes for pressure service
	G 3455	Carbon steel pipes for high pressure service
	G 3456	Carbon steel pipes for high temperature service
	G 3459	Stainless steel pipes for corrosion resistance, low temperature service, high temperature service
	G 3461	Carbon steel boilers and heat-exchanger tubes
	G 3462	Alloy steel boiler and heat-exchanger tubes



Grades

**Equivalent**

**AISI** 304 EN 1.4301, UNS S30400  
304L EN 1.4306, EN 1.4307, UNS S30403  
316L EN 1.4404, EN 1.4432, EN 1.4435, EN 1.4436, UNS S31603  
321 EN 1.4541, EN 1.4878, UNS S32100

**EN** 1.4301 AISI 304  
1.4306 AISI 304L  
1.4307 AISI 304L  
1.4404 AISI 316L  
1.4432 AISI 316L  
1.4435 AISI 316L  
1.4436 AISI 316L  
1.4541 AISI 321  
1.4878 AISI 321

**UNS** S30400 AISI 304  
S30403 AISI 304L  
S31603 AISI 316L  
S32100 AISI 321