



CHN Flange

Passion! Brisk! Trust!

There is no best, only better!



恬源国际

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<http://www.chnflange.com>

Company Profile

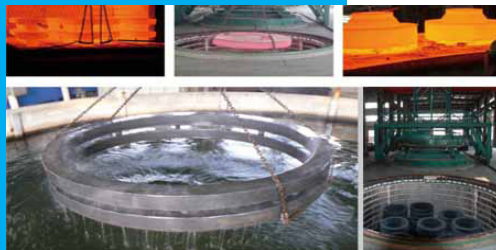
Dingxiang CHN Flange Forging Co.,Ltd. is located in the State Dingxiang named "hometown of forging", founded in 2006 invested by TianYuan(HK) International Limited be specialized in manufacturing various kinds of high quality flange and other forging.

Being a designer and manufacturer of flange and forgings in the industry. We provide both standard and customized designs in a large range of different pipeline system. Our main products include Welding Neck, Slip-on, Socket Welding, Threaded, Blind according to ANSI, DIN, JIS, EN, made of carbon steel, stainless steel, alloy steel, etc. Our engineers are able to design the right products to fit your application and the best solution for your requirements. The products have been widely used in the industries of petroleum, chemical, foodstuff, metallurgy, construction, electric power and so on.

We have a 4,000 tons Hydraulic Machine and 6300 Ring Rolling Machine operating flange & ring production, the maximum outside diameter is up to 6000mm, maximum gross weight up to 6 tons. Our annual production capacity of Flange is 250,000 tons.

We do a whole set of chemical and mechanical performance test, metallurgical structure, hardness test, NDE test, salt-fog test, film thickness test, roughness test, and the lowest temperature of impact test can be -196 degree C.

We treat Quality, Customer, Market, Upgrade as the most important.



History

- 2006.11. CHN Flange Forging Co.,Ltd. was established
- 2006.12. Production of carbon steel flange of A105,A350,A694
 - Production of stainless steel flange
 - Completion of an annealing furnace
- 2007.3. Production of low alloy steel flanges
- 2007.8. Production of super duplex and duplex steel flange&forging
- 2007.12. Establish TianYuan(HK) International Limited,
 - As the holding company of CHN Flange Forging Co.,Ltd.
- 2007.1. ISO 9001 Certificate
- 2008.2. Completion of a 3,000 ton hydraulic press
- 2008.4. Production of Cu-Ni alloy steel flange&forging
- 2008.5. Moved the Head Office to Shanghai for the advantageous of export
- 2008.6. Production of Monel alloy steel flange&forging
- 2008.9. Production of large size forged ring for wind power
 - The max diameter is 6000mm.
- 2008.12. Certified by China Forging Industrial Technology Association
- 2009.2. Completion of 5,000 ton pressure machine for free forging
- 2008.12. Achieved USD 10 Million Dollars in export
- 2009.6. Equity investment TianYuan Pipe plant in Changzhou City HeiBei Province
 - Specilized in carbon steel pipe(seamless,welded) 1/2"-96"
- 2009.8. Equity investment Piping fitting plant in Changzhou City HeiBei Province
 - Specilized in elbow,tee, reducer,bend,etc.
- 2009.12. Achieved USD 15Million Dollars in export in 2009.
- 2010.2. Win the bid of PetroChina for natural gas transmit project
 - Covering flanges,pipes, fittings
- 2010.9. Attend the 8th China International Offshore Oil&Gas Exhibition
- 2011.12. Production of Titanium alloy steel forging
- 2012.12. Achieved USD 30 Million Dollars in export
- 2013.4. Equity investment stainless steel flange plant in Jiangyin
- 2014.9. Attend the Wire&Tube Exhibition in Shanghai.
- 2015.9. Moved to the Shanghai Pudong Free Trade Zone for the advantageous of export
- 2016.2. Production of aluminum alloy steel flange& forging



Products

Products

Our main production consists of all standard flanges in addition to special custom components in accordance with international standards:

- Welding Neck
- Blind
- Slip On
- Threaded
- Socket Weld
- Lap Joint
- Long Weld Neck
- Orifice flanges
- Spectacle Blinds
- Ring spacers and spades
- Anchor flanges
- Swivel Rings
- Nozzles
- Tube Sheets
- Rings
- Stub Ends
- Weldoflanges
- Weldolets
- Nipo flanges
- Special flanges& forgings
acc. to priate drawings

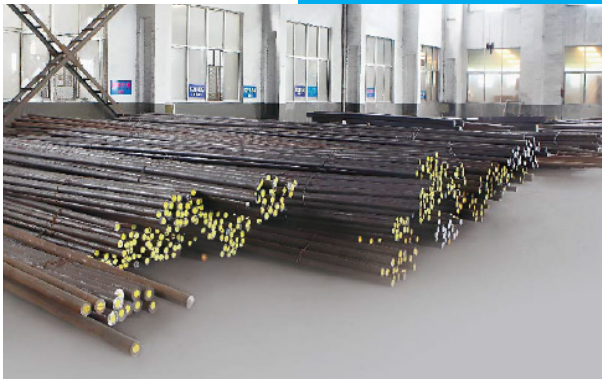
Production Range

- Maximum weight 6 tons
- Maximum extenal diameter 6meters
- 25,000 tons production annual year



High Temperature Steel

	ASME / ASTM	German	Grade No.
•	A105/N/C21		1.0432
•	A516 Gr.70		1.0481
•	A182-F1		1.7365
•	A182-F5		1.7362
•	A182-F9		1.7386
•	A182-F11		-
•	A182-F12		1.7335
•	A182-F22		1.7360
•	A182-F91		1.4902
•	15/16 Mo 3		1.5415
•	C22.8		1.0460
•	A522 Grade 1		-



Fine Grain Structural Steel

	ASME / ASTM	German	Grade No.
•	A350 LF2		1.0566
•	A694-F42		1.0486
•	A694-F46		1.0562
•	A694-F52		-
•	A694-F56		1.8902
•	A694-F60		-
•	A694-F65		1.8905
•	A694-F70		1.8907



Austenitic Stainless Steel

	ASME / ASTM	German	Grade No.
•	A182-F304		1.4301
•	A182-F304H		1.4948
•	A182-F304L		1.4306/1.4307
•	A182-F310		1.4841
•	A182-F316		1.4401
•	A182-F316H		1.4919
•	A182-F316L		1.4404/1.4435
•	A182-F316Ti		1.4571
•	A182-F317L		1.4438
•	A182-F321		1.4541
•	A182-F321H		1.4878
•	A182-F347		1.4550
•	A182-F347H		1.4550
•	A182-F904L		1.4539

UNS



N08904

Materials



Heat Resisting Steel

	ASTM / UNS	German	Grade No.	
•	N08020	2.4660		Alloy 20
•	N06022	2.4602		Hastelloy C22
•	N04400	2.4360		Monel 400
•	N06600	2.4816		Alloy 600
•	N06625	2.4856		Inconel 625
•	N08800	1.4876		Alloy 800
•	N08810	1.4876		Alloy 800 H
•	N08811	1.4959		Alloy 800 H/T
•	N08825	1.4858		Inconel 825
•	N10276	2.4819		Hastelloy C276
•	N06059	2.4605		Alloy 59



Duplex / Super Duplex

	ASME / ASTM	German	Grade No.	UNS
•	A182-F51/F60	1.4462		S31803/S32205
•	A182-F53	1.4410		S32750
•	A182-F55	1.4501		S32760
•	A182-F44/6Mo	1.4547		S31254
•	AL-6XN	1.4529		N08367

Cooper Alloy

	ASME / ASTM	German	Grade No.	UNS
•	CuNi 90/10	2.0872		C70600 C7060X
•	CuNi 70/30	2.0882		C71500

Special Alloy

	ASME / ASTM	German	Grade No.	UNS
•	17-4PH	1.4542		S17400
•	B381 Gr2			R50400

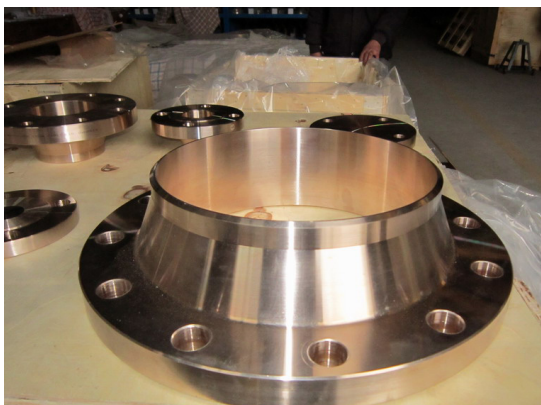


Manufacturing Standards

- ASME B16.5
- ASME B16.47/A
- ASME B16.47/B
- ASME B16.36
- ASME B16.48
- AWWA
- API 17D
- API 6A
- BS 3293
- BS 4504
- DIN
- EEMUA 145
- UNI
- EN 1092-1
- JIS
- customer standards

or designed to

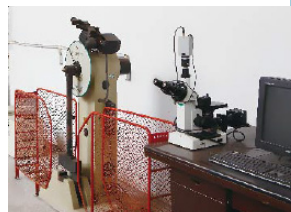
- ASME VIII Div 1
- ASME VIII Div 2
- BS PD 55500
- ASME B31.3/B31.4/B31.8



Quality system

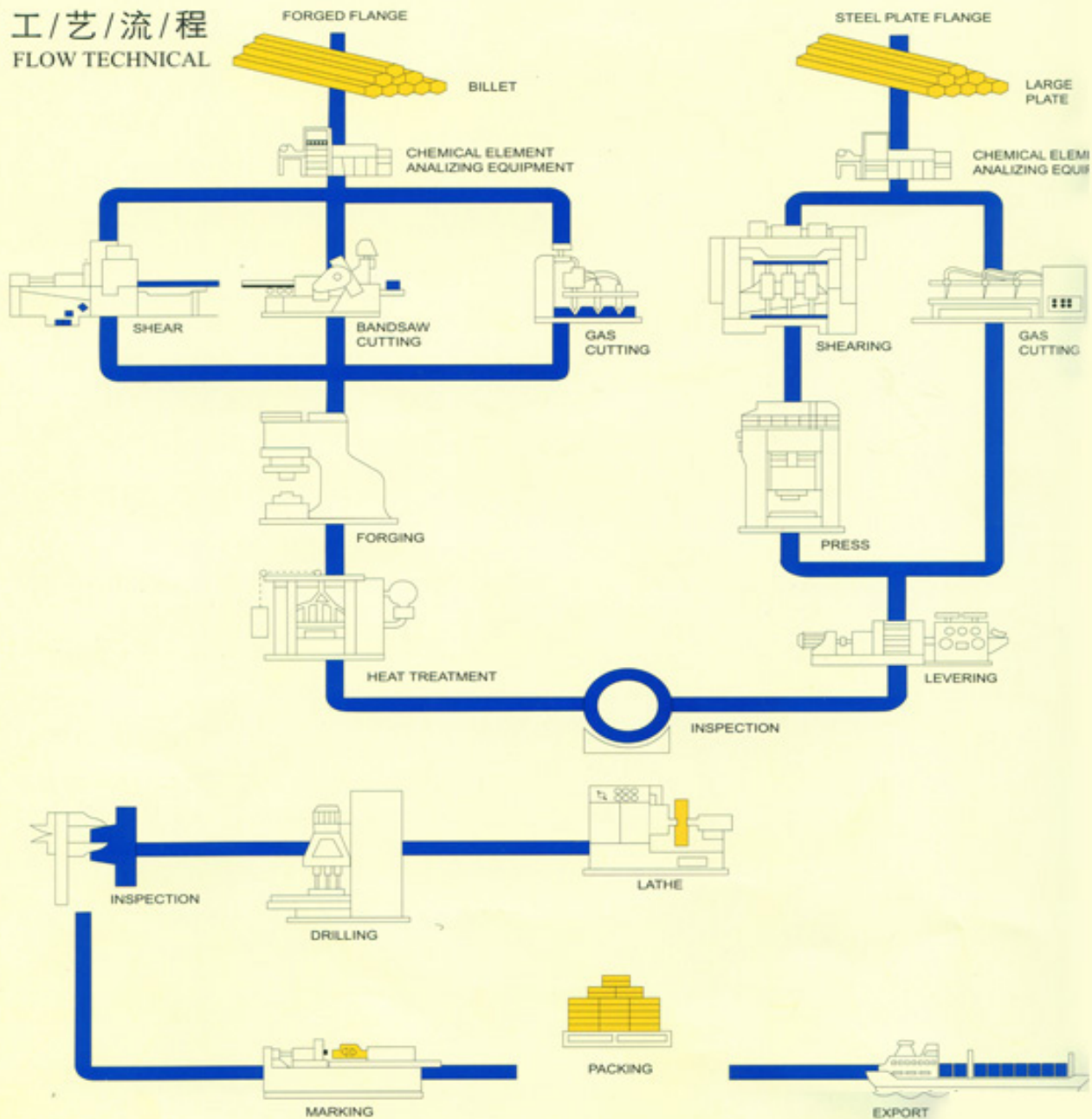
100% inspected from raw material to finished products.

- Chemical analysis
- Impact ,Tensile ,Hardness Testing
- Intergranula Corrosion Testing
- Magnetic defect
- Roughness test
- Metallographic analysis
- PMI
- Magnetic Particle Inspection
- Ultrasonic Testing



Process Flow

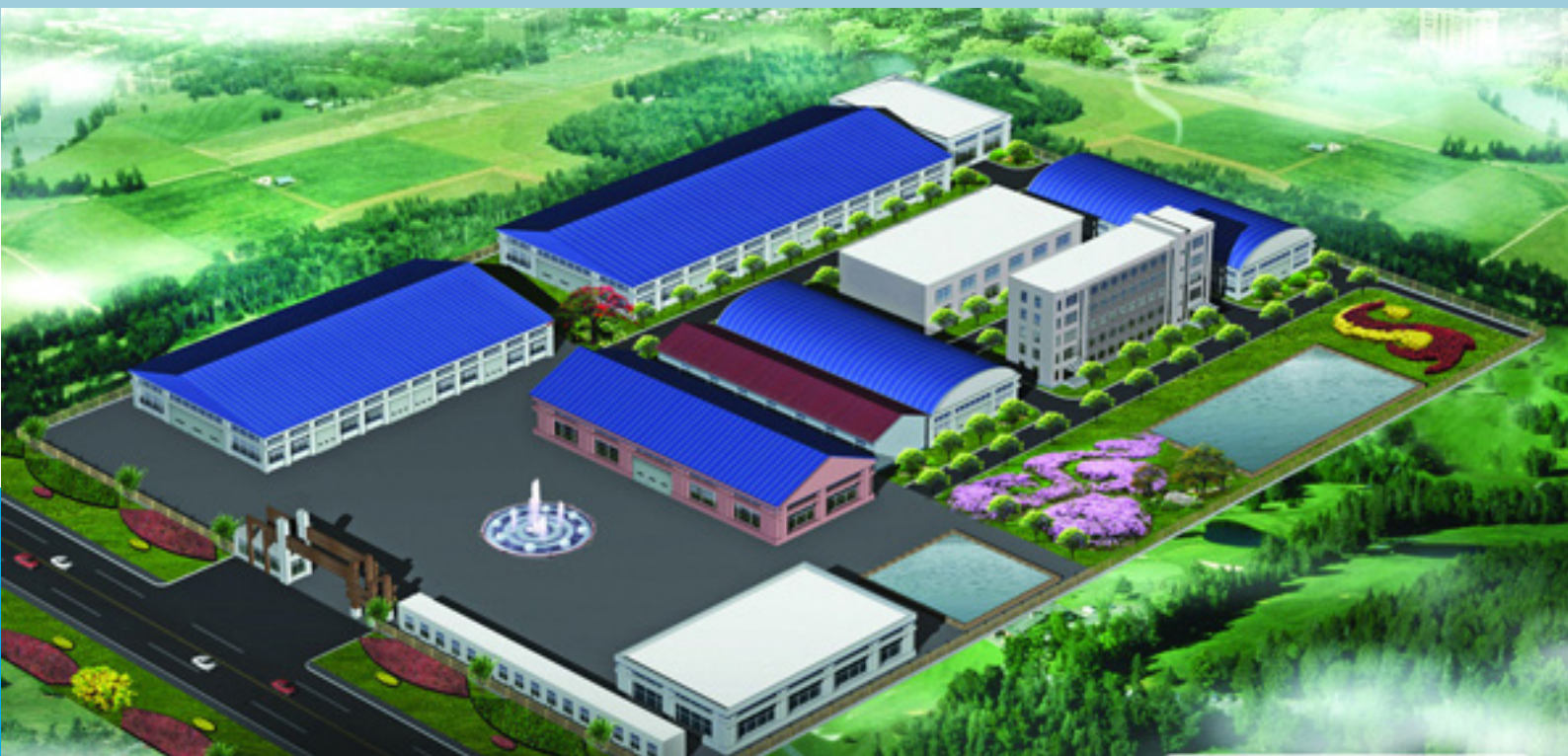
工/艺/流/程 FLOW TECHNICAL



Application

- Mining&Metallurgy
- Shipping engineering
- Seawater desalination
- Coal Chemical Industry
- Nuclear power engineering
- Gas exploration & transportation
- Oil refining and chemical engineering
- Electricity and transportation engineering
- Deep sea drilling platforms and pipelines project





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