

# Qian'an Jintang Ductile Iron Pipes Co., Ltd

HIGH QUALITY

BEST SERVICE

ON TIME DELIVERY

COMPETITIVE PRICE





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# Jintang Group



## Brief Information

Total area: 800,000 M2

Established: 2001

Private Enterprise

Fixed capital: USD. 215 Million

Employee: 1500

Technical: 150

QC/Inspection: 30

Management: 100





# Jintang Group



## Annual Production Capacity

- ❏ Pig Iron : 400, 000 Tons
- ❏ Ductile Iron Pipes: 250,000 Tons
- ❏ Casting : 30,000 Tons





# Jintang Group



## Development History

- ❏ 2001 - Company established as Pig Iron producer with 150,000 Ton annual capacity.
- ❏ 2004 - Set up of Cast Iron production plant with 12,000 Ton annual capacity.
- ❏ 2005 - ISO9000 certified
  - Annual capacity of Pig Iron increased to 300,000 Ton.
- ❏ 2006 - Ductile Iron Pipes production plant was set up with initial capacity of 60,000 Ton.





# Jintang Group

- 2008 - Grant by China Foundry Association as China Foundry Iron Production Base.
- 2009 - ISO/TS 16949.
  - Ductile Iron Pipes annual capacity 100,000 Ton.
  - Cast Iron plant capacity to 20,000 Ton.
- 2012 - Awarded by Ministry of Industry and Information Technology of P. R of China as one of National Foundry Iron Enterprise
  - DISA automatic casting production line is set up.
  - DI Pipes Iron annual production capacity increases to 150,000 Ton
- 2013 -ISO14001:2004, ISO18000:2007, PED by TUV TUV
- 2014-DN 900-1200mm Water Cooled mold system production line project into production, total annual capacity increase to 250,000 Ton.





# Certificates



## Certificates

Our company has been certified by ISO9001:2008, and our production process strictly conforms to the International Standard of ISO2531:2013, and the European standards of EN545:2013 to ensure the quality and lifetime of every pipes.

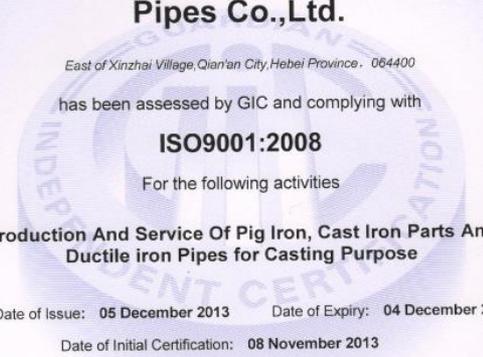
For these two standards, we have passed and obtained the product quality certificates from SGS, and BV.





# Certificates

## ISO 9001:2008





### CERTIFICATE OF REGISTRATION

The Management System of

#### Qian'an Jintang Ductile Cast Iron Pipes Co.,Ltd.

East of Xinzhai Village, Qian'an City, Hebei Province. 064400

has been assessed by GIC and complying with

#### ISO9001:2008

For the following activities

#### Production And Service Of Pig Iron, Cast Iron Parts And Ductile iron Pipes for Casting Purpose

Date of Issue: 05 December 2013      Date of Expiry: 04 December 2016

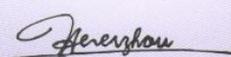
Date of Initial Certification: 08 November 2013

Certificate No.: J13Q2691999F1M

The maintenance of this certificate is subject to GIC regular surveillance audits and is validated by the conformity label. This certificate shall be used in conjunction with the <Surveillance Audit Conformity Notification> issued upon successful completion of every surveillance audit, and the Notification will state clearly the validity period of this certificate.

The validity of this certificate can be verified from the following website  
[www.gicg.com.cn](http://www.gicg.com.cn)

  
Guardian Independent Certification Ltd  
Registered in England  
Sovereign House 210-224 Cheshambury Avenue London England WC2H 9HQ

Accredited by Member of the IAF MLA  
 

115702

Your company slogan





# Certificates



## ISO14001:2004 & ISO18000:2007



### CERTIFICATE OF REGISTRATION

The Management System of

**Qian'an Jintang Ductile Cast Iron Pipes Co.,Ltd.**

*East of Xinzhai Village, Qian'an City, Hebei Province - 064400*

has been assessed by GIC and complying with

**ISO14001: 2004**

For the following activities

**Environmental Management Activities of Places Relating To Production And Service of Foundry Used Pig Iron, Iron Castings, Spheroidal Graphite Iron Pipes (Excluding The Scope of Qualification)**

Date of Issue: 08 October 2013      Date of Expiry: 07 October 2016

Date of Initial Certification: 08 October 2013

Certificate No.: J13E2690195R0M

The maintenance of this certificate is subject to GIC regular surveillance audits and is validated by the conformity label. This certificate shall be used in conjunction with the <Surveillance Audit Conformity Notification> issued upon successful completion of every surveillance audit, and the Notification will state clearly the validity period of this certificate.

The validity of this certificate can be verified from the following website

[www.gicg.com.cn](http://www.gicg.com.cn)



**Guardian Independent Certification Ltd**  
Registered in England  
Sovereign House 212-224 Shaftesbury Avenue London England WC2H 8HQ

Accredited by Member of the IAF, MLA  
JAS-ANZ registration no: E133206/L, www.jas-anz.org/afp




115172



### CERTIFICATE OF REGISTRATION

The Management System of

**Qian'an Jintang Ductile Cast Iron Pipes Co.,Ltd.**

*East of Xinzhai Village, Qian'an City, Hebei Province - 064400*

has been assessed by GIC and complying with

**GB/T28001-2011 / OHSAS18001:2007**

For the following activities

**Occupational Health And Safety Management Activities of Places Relating To Production And Service of Foundry Used Pig Iron, Iron Castings, Spheroidal Graphite Iron Pipes (Excluding The Scope of Qualification)**

Date of Issue: 08 October 2013      Date of Expiry: 07 October 2016

Date of Initial Certification: 08 October 2013

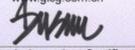
Certificate No.: J13S2690735R0M

The maintenance of this certificate is subject to GIC regular surveillance audits and is validated by the conformity label. This certificate shall be used in conjunction with the <Surveillance Audit Conformity Notification> issued upon successful completion of every surveillance audit, and the Notification will state clearly the validity period of this certificate.

The validity of this certificate can be verified from the following website

[www.gicg.com.cn](http://www.gicg.com.cn)



**Guardian Independent Certification Ltd**  
Registered in England  
Sovereign House 212-224 Shaftesbury Avenue London England WC2H 8HQ

JAS-ANZ registration no: E133206/L, www.jas-anz.org/afp




115954





# Certificates



## BS EN 545:2013

## ISO 2531:2013



通标标准技术服务有限公司  
SGS-CSTC Standards Technical Services Co., Ltd.

16F Century Yuhui Mansion, No. 73 Fuchang Road, Beijing China 100036  
Tel: (86-10) 6845 8699 Fax: (86-10) 6845 7979

中国 北京  
海淀区阜成路 73 号  
世纪辉宇大厦 16 层  
邮编: 100036  
电话: (86-10) 6845 8699  
传真: (86-10) 6845 7979

AFFILIATE CODE: F615001  
CERTIFICATE NO.: C/IN-TJ-5802-13275-01

Page 1 of 1  
DATE: JUN.05, 2013

SGS REFERENCE NO.: IN-TJ-5802-13275  
AUDITED COMPANY: QIAN'AN SHI JINTANG DUCTILE IRON PIPES CO., LTD  
AUDIT DATE: JUN 03-05, 2013  
AUDITED ADDRESS: EAST OF XINZHAI, QIAN'AN, HEBEI PROVINCE, CHINA  
TYPE OF AUDIT: PRODUCT AND PROCESS AUDIT FOR PRODUCTION OF DUCTILE IRON PIPES DN80-DN800 VIA DIMENSION CHECK MECHANICAL PROPERTY TEST, HYDRAULIC TEST, LINING AND COATING CHECK, PACKING AND MARKING CHECK ONLY, ACCORDING TO BS EN 545:2013

PURPOSE AND SCOPE OF AUDIT: 1. EVALUATION OF COMPANY'S CAPACITIES AND CAPABILITIES FOR PRODUCTION OF DUCTILE IRON PIPES IN DIMENSION, MECHANICAL PROPERTY, HYDRAULIC, LINING AND COATING, PACKING AND MARKING ACCORDING TO BS EN 545-10  
2. EVALUATION OF COMPANY'S QUALITY SYSTEM

THE PRODUCT AND PROCESS AUDIT FOR PRODUCTION OF DUCTILE IRON PIPES ACCORDING TO APPLIED STANDARD HAD BEEN PERFORMED IN AUDITED COMPANY. BASED ON THE AUDIT RESULTS WE HEREWITH CERTIFY THAT

**QIAN'AN SHI JINTANG DUCTILE IRON PIPES CO., LTD**

HAS THE CAPACITY AND CAPABILITY TO PRODUCE DUCTILE CAST IRON PIPES DN80-DN800, IN DIMENSION, MECHANICAL PROPERTY, HYDRAULIC, LINING AND COATING, PACKING AND MARKING, WHICH MEET THE REQUIREMENTS OF BS EN 545: 2010 AND THE CORRESPONDING STANDARDS.

THE AUDIT RESULTS ARE DETAILED IN AUDIT REPORT NO. IN-TJ-5802-13275 BEARING THIS CERTIFICATE.

THIS CERTIFICATE IS VALID TO JUN 04, 2014 ONLY, AND WILL BE RENEWED SUBJECT TO SATISFACTORY MAINTENANCE OF THE SYSTEM.

FOR AND ON BEHALF OF  
SGS-CSTC STANDARDS  
TECHNICAL SERVICES CO., LTD.  
  
AUTHORIZED SIGNATURE



This document is issued, on the Client's behalf, by the Company under its General Conditions of Service printed overleaf. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction clauses defined therein.

Any other holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instruction. If any of the Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents.

SGSPAPER 13534294 



通标标准技术服务有限公司  
SGS-CSTC Standards Technical Services Co., Ltd.

16F Century Yuhui Mansion, No. 73 Fuchang Road, Beijing China 100036  
Tel: (86-10) 6845 8699 Fax: (86-10) 6845 7979

中国 北京  
海淀区阜成路 73 号  
世纪辉宇大厦 16 层  
邮编: 100036  
电话: (86-10) 6845 8699  
传真: (86-10) 6845 7979

AFFILIATE CODE: F615001  
CERTIFICATE NO.: C/IN-TJ-5802-13275-02

Page 1 of 1  
DATE: JUN.05, 2013

SGS REFERENCE NO.: IN-TJ-5802-13275  
AUDITED COMPANY: QIAN'AN SHI JINTANG DUCTILE IRON PIPES CO., LTD  
AUDIT DATE: JUN 03-05, 2013  
AUDITED ADDRESS: EAST OF XINZHAI, QIAN'AN, HEBEI PROVINCE, CHINA  
TYPE OF AUDIT: PRODUCT AND PROCESS AUDIT FOR PRODUCTION OF DUCTILE IRON PIPES DN80-DN800 VIA DIMENSION CHECK MECHANICAL PROPERTY TEST, HYDRAULIC TEST, LINING AND COATING CHECK, PACKING AND MARKING CHECK ONLY, ACCORDING TO ISO 2531: 2009

PURPOSE AND SCOPE OF AUDIT: 1. EVALUATION OF COMPANY'S CAPACITIES AND CAPABILITIES FOR PRODUCTION OF DUCTILE IRON PIPES IN DIMENSION, MECHANICAL PROPERTY, HYDRAULIC, LINING AND COATING, PACKING AND MARKING ACCORDING TO ISO 2531-09  
2. EVALUATION OF COMPANY'S QUALITY SYSTEM

THE PRODUCT AND PROCESS AUDIT FOR PRODUCTION OF DUCTILE IRON PIPES ACCORDING TO APPLIED STANDARD HAD BEEN PERFORMED IN AUDITED COMPANY. BASED ON THE AUDIT RESULTS WE HEREWITH CERTIFY THAT

**QIAN'AN SHI JINTANG DUCTILE IRON PIPES CO., LTD**

HAS THE CAPACITY AND CAPABILITY TO PRODUCE DUCTILE CAST IRON PIPES DN80-DN800, IN DIMENSION, MECHANICAL PROPERTY, HYDRAULIC, LINING AND COATING, PACKING AND MARKING, WHICH MEET THE REQUIREMENTS OF ISO2531: 2009 AND THE CORRESPONDING STANDARDS.

THE AUDIT RESULTS ARE DETAILED IN AUDIT REPORT NO. IN-TJ-5802-13275 BEARING THIS CERTIFICATE.

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SGSPAPER 13534293 

Your company slogan





# Certificates





编号: 2009(1200)C1296

## 采用国际标准产品标志证书

ADOPTING INTERNATIONAL STANDARD PRODUCT  
MARKING CERTIFICATE

你单位采用国际标准产品 离心球墨铸铁管

经审查符合使用采用国际标准产品标志条件, 业已备案。  
 执行标准编号: GB/T13295-2008  
 国际标准或国外先进标准编号: ISO 2531:1998  
 采用程度: 修改  
 证书有效期 2009 年 8 月 10 日至 2014 年 8 月 10 日

This is to certify that your product \_\_\_\_\_  
 \_\_\_\_\_ adopting International Standard has  
 been assessed to be qualified for using the adopting  
 international standard product mark and has been registered.  
 Term of validity of this certificate from \_\_\_\_\_  
 to \_\_\_\_\_ inclusive.

国家质量技术监督局制

发证单位(盖章)  
2009年 8月 10日





# Certificates



编号: 2009 et 6

## 采用国际标准证书

ADOPTING INTERNATIONAL STANDARD CERTIFICATE

迁安市津唐球墨铸管有限公司

你单位申报的 离心球墨铸管 经审查符合《河北省采用国际标准管理实施办法》的规定，特发此证。

执行标准编号: GB/T 13295-2008

国际标准或国外先进标准编号: ISO 2531:1998

采用一致性程度: 修改

It is to certify that your application for \_\_\_\_\_ is up to the standards of the regulations specified in the *Measures for Adopting International Standards in Hebei Province*.

发证单位(盖章)

2009年8月10日



河北省质量技术监督局制





# Certificates



## TS16949 Certificate

**CERTIFICATE OF ASSESSMENT**

AQA International, LLC, attests that:

**Qian'an Jintang Ductile Iron Pipes Co., Ltd.**

East of Xinzhai Village, Qian'an City, Hebei Province,  
China 064400

with a scope of:

**Manufacture of Iron Casting for Water Pump,  
Crankshaft Box, Piston, Cylinder and Joint Board**

Exclusions: Product Design

is in compliance with the Technical Specification ISO/TS 16949:2009

The effectiveness of this certificate shall be validated by periodic surveillance audit of AQA for maintenance.  
Validity of certificate please visit at [www.aqachina.com](http://www.aqachina.com)

AQA Certificate No.: 10854  
IATF Certificate No.: 0144673  
Registration Period: 08/06/2012 To 08/05/2015  
Initial Registration Date: 08/07/2009

  
CEO, AQA International

 501 Commerce Drive NE  
Columbia, South Carolina 29223, USA  
Tel: (800) 281 4384  
Fax: (803) 779 8109 





# Certificates

## PED Certificates

### Certificate

#### Quality-Assurance System for Manufacturer of Materials acc. to Directive 97/23/EC

Certificate no.: 01 202 CHN/Q-130512

Name and address of the manufacturer: Qian'an Jintang Ductile Cast Iron Pipes Co.,Ltd.  
East of Xinzhai Village, Qian'an City, Hebei Province, China 064400

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 97/23/EC, Annex I, Par. 4.3, with regard to the materials as listed in the scope of approval.

Tested acc. to Directive 97/23/EC: QM System acc. to EN 764-5, article 4.2 and AD 2000-Merkblatt W0

Audit report no.: CHN/Q-130512

Range of materials: Manufacturing of Cast iron, see annex to certificate

Manufacturing plant: Qian'an Jintang Ductile Cast Iron Pipes Co.,Ltd.  
East of Xinzhai Village, Qian'an City, Hebei Province, China 064400

Valid until: June 25, 2016

Cologne, June 26, 2013

Dipl.-Ing. Svenja Kreß



TÜV Rheinland-Certification Body for Pressure Equipment  
TÜV Rheinland Industrie Service GmbH  
Notified Body, ID-No. 0035  
Am Grauen Stein, D-51105 Köln

E-106b-Rev7

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Precisely Right.

### Zertifikat

#### Qualitätsmanagement-System für Werkstoffhersteller

nach Richtlinie 97/23/EG

Zertifikat Nr.: 01 202 CHN/Q-130512

Name und Anschrift des Herstellers: Qian'an Jintang Ductile Cast Iron Pipes Co.,Ltd.  
East of Xinzhai Village, Qian'an City, Hebei Province, China 064400

Hiermit wird bescheinigt, dass der Hersteller ein QM-System eingeführt hat und anwendet. Dieses wurde gemäß der Richtlinie 97/23/EG, Anhang I, Kap 4.3 in Bezug auf die im Geltungsbereich genannten Werkstoffe einer spezifischen Überprüfung unterzogen.

Geprüft nach Richtlinie 97/23/EG: QM-System nach EN 764-5, Abschnitt 4.2 und AD 2000-Merkblatt W0

Auditbericht Nr.: CHN/Q-130512

Geltungsbereich: Herstellung von Gusseisen, siehe Anlage zum Zertifikat

Fertigungsstätte: Qian'an Jintang Ductile Cast Iron Pipes Co.,Ltd.  
East of Xinzhai Village, Qian'an City, Hebei Province, China 064400

Gültig bis: 25. Juni 2016

Köln, 26. Juni 2013

Dipl.-Ing. Svenja Kreß



TÜV Rheinland-Zertifizierungsstelle für Druckgeräte der TÜV Rheinland Industrie Service GmbH  
Benannte Stelle, Kennnummer: 0035  
Am Grauen Stein, D-51105 Köln

E-106b-Rev7

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Genau. Richtig.





# Pig Iron



## Pig Iron Products

- ❏ Pig Iron type:  
Q10, Q12, Q16 and High purity iron
- ❏ High quality, in-house material  
Quality Control parameters higher than international standard
- ❏ Available upon customer request





# Pig Iron



## Pig Iron Material

Type		Q10	Q12	Q16
Element	Si	>0.8-1.0	>1.0-1.4	>1.4-1.8
	S	>0.020-0.030		
	P	>0.040-0.056		
	Ti	≤0.050		
	Mn	≤0.20		





# Pig Iron



Your company slogan



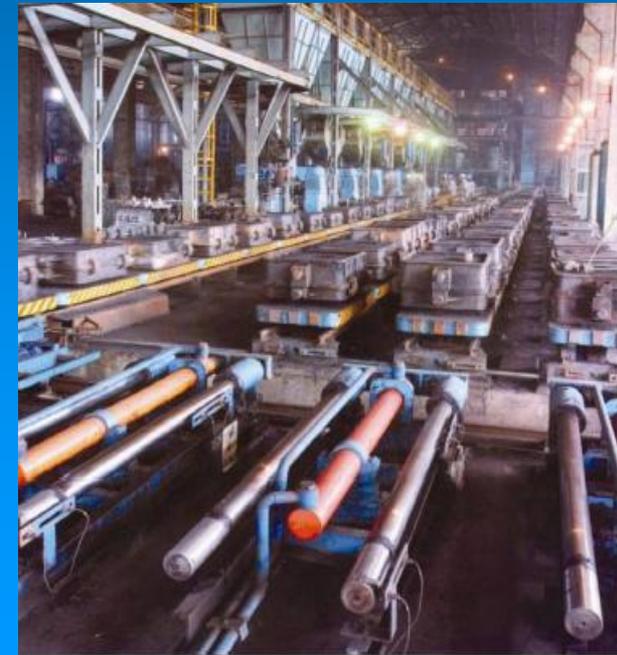


# Casting



## Casting Line

- Production line:  
DISA MATIC 2013 MK3  
Resin Bonded Sand  
Z148E Horizontal molding
- Product unit weight: from 1 Kg – 5000 Kgs
- Molten iron supply: Blast Furnace & Elect. Furnace
- Products: Grey Iron, Ductile Iron, Graphite Iron



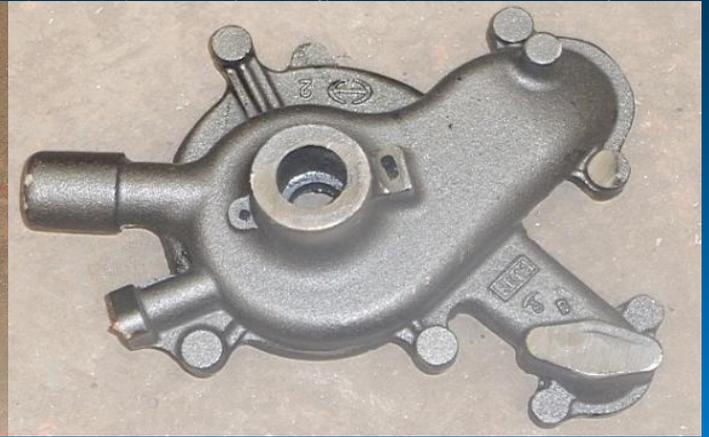
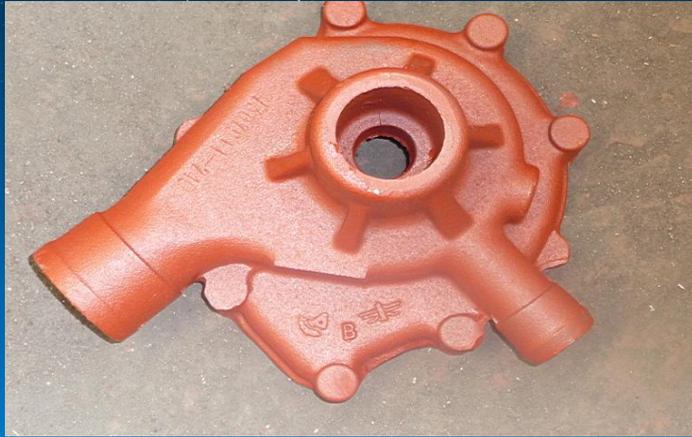


# Casting



## Products

 **Automobile  
Parts**



 **Valves  
FBE Coating**





# Casting



## Evaporative pattern casting





# Casting



## Evaporative pattern casting





# Casting



**CMM Testing**



**CNC Vertical Lathe Machine**





# Sand



Standard: GB9442

Characteristic:  
High silica content  
Low silt content  
Well Permeability  
and flowbility





# Sand





# Ductile Iron Pipe



## Ductile Iron Pipes Factory

- ❏ **Diameter of Pipes: DN 80mm – DN1200mm.**
- ❏ **Standard:**
  - ISO2531:2013.
  - EN545:2013 K9 or C class
  - EN598 Metallic Zinc of 130 gr/m<sup>2</sup>.
  - 200 gr/m<sup>2</sup>, or Zinc-Alu 400 gr/m<sup>2</sup>
- ❏ **Application: T type, K Type, S Type, for Potable and Sewerage Water, Domestic Gas pipeline**
- ❏ **Hydro-test: 100%**





# Ductile Iron Pipe



## DI Pipes production procedure



01 Core Making



02 Medium Frequency Induction Furnace





# Ductile Iron Pipe



## Centrifugal Casting





# Ductile Iron Pipe



Centrifugal casting

Annealing



04 Pipe Drawing

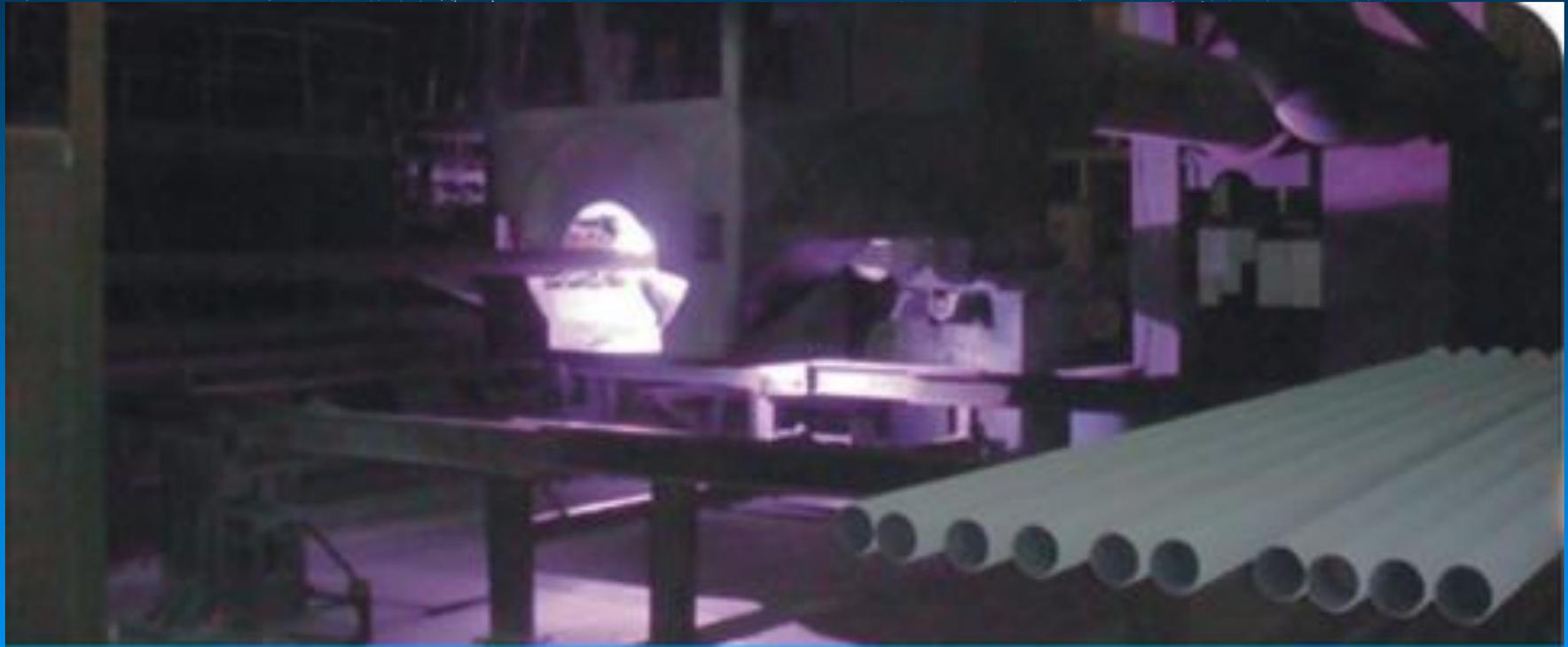


05 Annealing





# Ductile Iron Pipe



06 Zinc Spaying





# Ductile Iron Pipe



## Hydrostatic Pressure Test & Cement Mortar Lining



07 Hydraulic Pressure Testing



08 Lining With Cement





# Ductile Iron Pipe



09 Exterior Spraying





# Quality Control



Strict quality control process and operating regulations together with perfect quality assurance system making every production step under control via Spectrum Analyzing and Microstructure Testing, Tensile Strength, Elongation and Hardness etc.



Spectrum Analyzing



Microstructure Testing





# Quality Control



Chemical Analyzing



Hydraulic Pressure Testing



Press Ring Experiment





# Quality Control



**Hardness Testing**



**Universal Testing Machine**





# Transportation



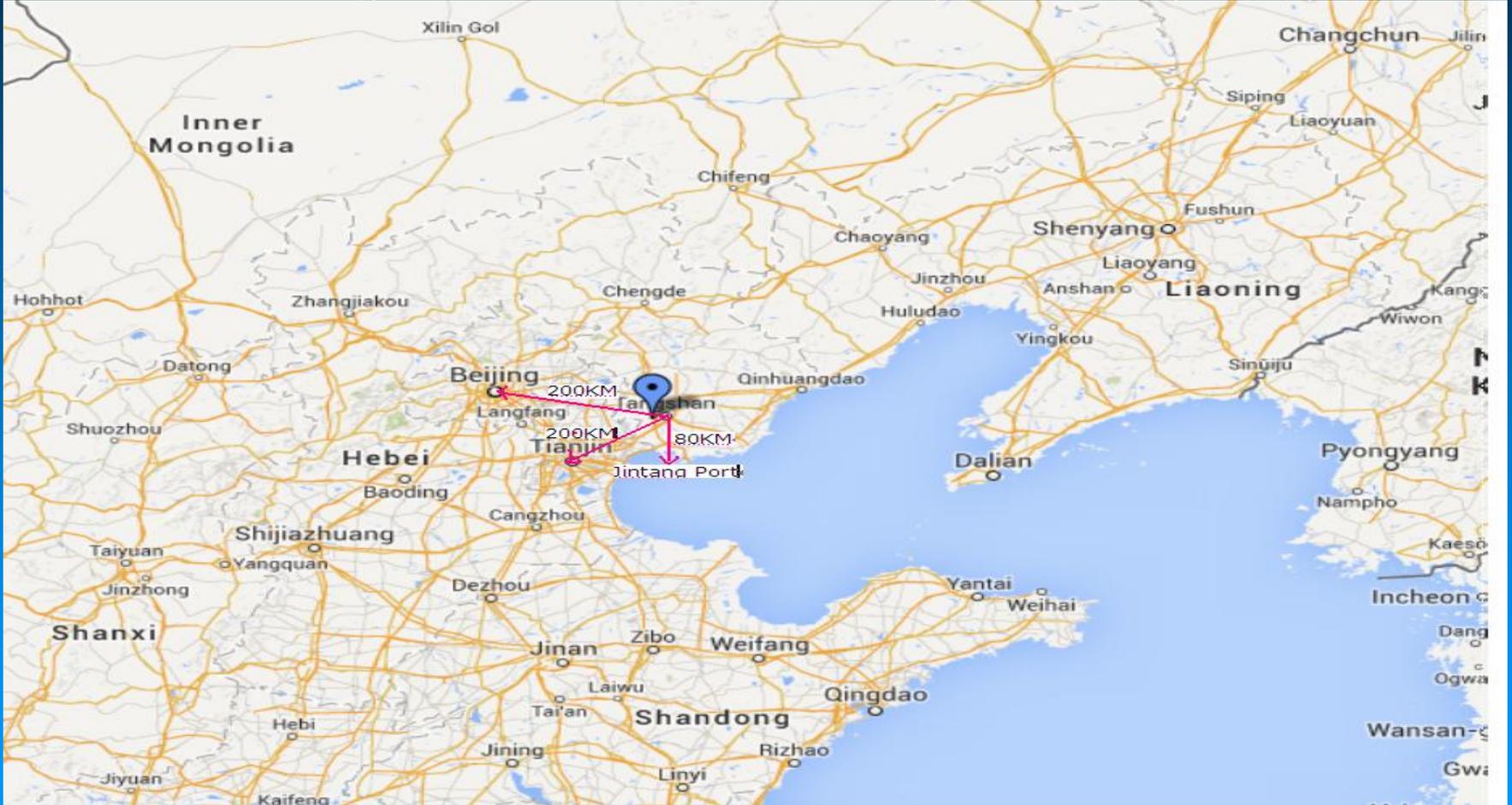
## Our transportation advantages:

- ❏ **Factory located only 200 Km away from Tianjin port (One of the largest port in China)**
- ❏ **80 Km away from Jintang port (One of the large sea-port in China)**
- ❏ **Average within 200 Km distance coverage for transportation to major sea-port within China**



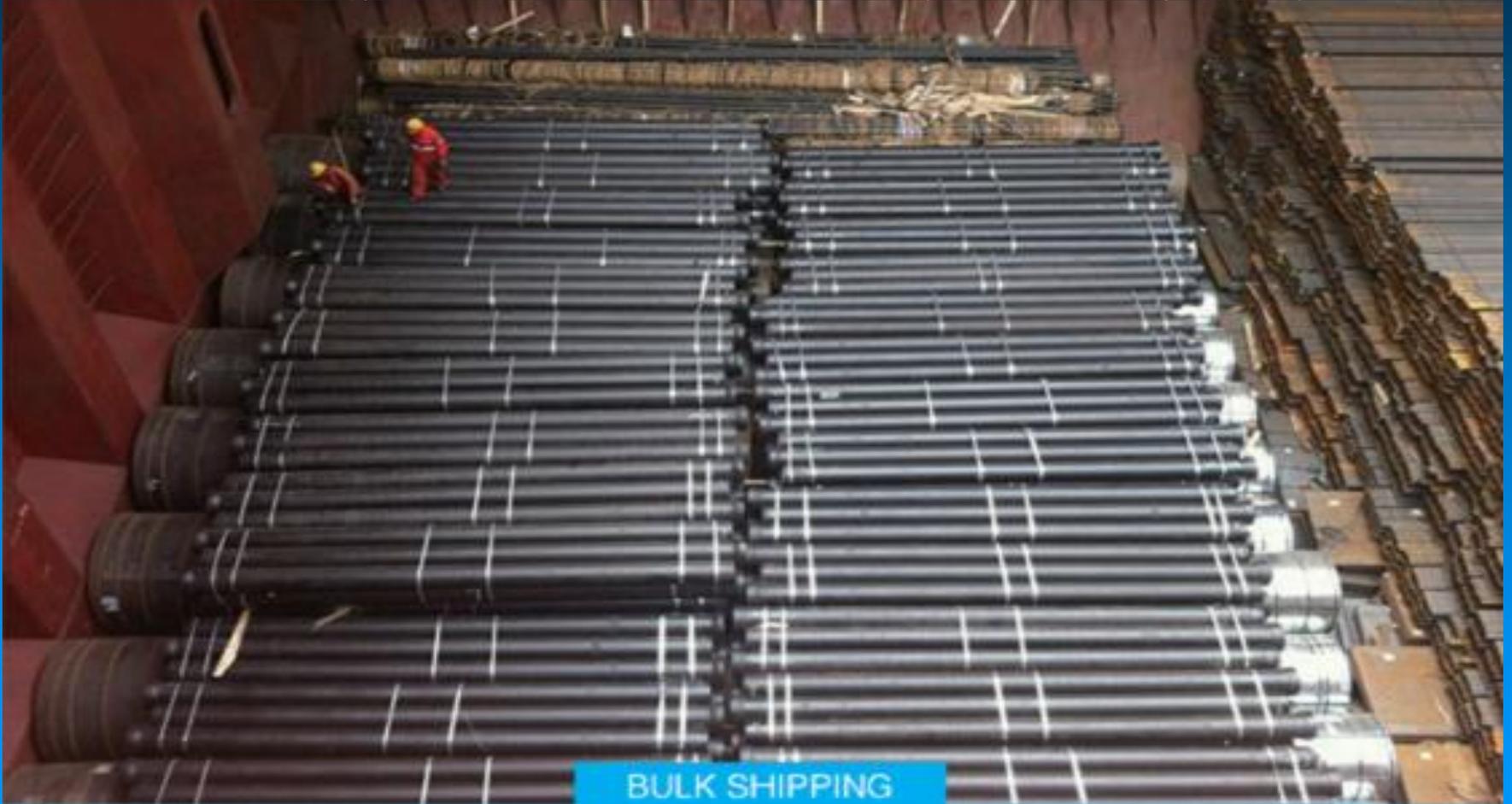


# Transportation





# Transportation





# Transportation



**TRUCK**



**SHIP**



**CONTAINER  
SHIP**





# International Sales Network



## International Sales Network

**50 % of our DI Pipes and cast parts products are exported to Middle East i.e. Saudi Arabia, Syria, Jordan Iraq, Europe, South East Asia, Vietnam, Brazil and others**





# Expansion



## 2<sup>nd</sup> Phase Extension:

**Commencing date: July 2014 – December 2014**

**DI Pipes diameter : DN 1200 – DN 2000mm**

**Annual production capacity: 100,000 Ton**

**Total annual capacity when completed of 2<sup>nd</sup> phase:  
350,000 Ton**





# Future prospect & planning



- ❏ Over the years, "JT" Pig Iron for casting foundry has a good and reliable reputation among our customers. We had succeeded in signing a long-term supply of pig iron to local and international sales contract.
- ❏ Since 2006 our Ductile Iron Pipes product has obtained good reputation and gradually recognized and accepted by international customers to be one of the good and consistent quality pipes producer from China.
- ❏ With our consistent product quality, competitive price, and superior after sales service Jintang company persisting in being a leading manufacturer in this field and seeking for new and updated technology to improve higher standard products to provide to local and overseas customer.
- ❏ In order to bring our JT brand Ductile Iron Pipes into world market and expand our enterprise coverage to be stronger and long lasting.

