



Certificate CN20/11398

The management system of

Liaoning Xinfeng Industrial Co., Ltd.

Business Registration Address: SME Park, Xianrendao Energy & Chemical Industry Zone, Yingkou City, Liaoning Province, P.R. China
Business Operation Address: SME Park, Xianrendao Energy & Chemical Industry Zone, Yingkou City, Liaoning Province, P.R. China



Unified Social Credit Code 91210881MA0XPW9M8L

has been assessed and certified as meeting the requirements of

ISO 9001:2015

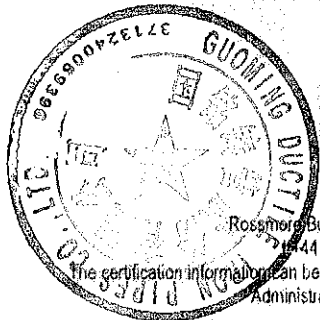
For the following activities

Manufacture of ductile iron pipe fittings

This certificate is valid from 3 December 2020 until 2 December 2023 and remains valid subject to satisfactory surveillance audits. Recertification audit due a minimum of 60 days before the expiration date. Issue 1. Certified since 3 December 2020



Authorised by



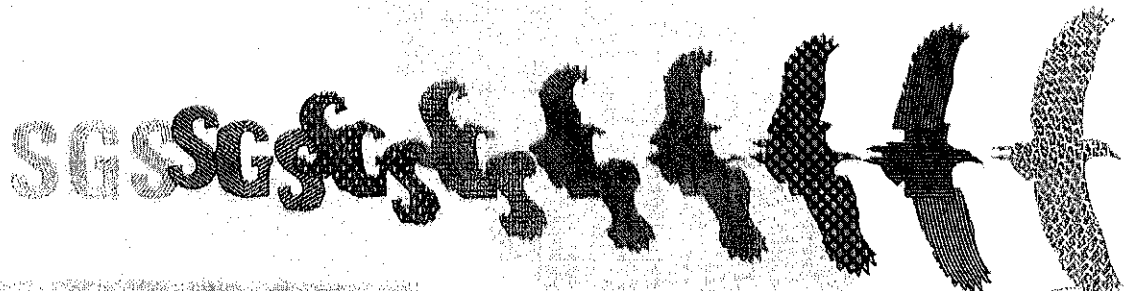
SGS United Kingdom Ltd
Rossmore Business Park, Ellosmere Port, Cheshire, CH65 3EN, UK
+44 (0)151 350-6666 / +44 (0)151 350-6600 www.sgs.com
The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cca.gov.cn



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HC SGS 0001 2015 0118

Page 1 of 1



This document is issued by the Company subject to its General Conditions of Certification Services accessible at www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. The authenticity of this document may be verified at <http://www.sgs.com/en/certified-clients-and-products/certified-client-directory>. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



通标标准技术服务有限公司
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SGS

AFFILIATE CODE: F615001
CONFORMITY NO.: INDQDC20032

Page 1 of 2

VERIFICATION OF CONFORMITY

Name of the factory: GUOMING DUCTILE IRON PIPES CO.,LTD.
Address of the factory: South of national highway 206, Shangyan town Lanling county, Linyi City,
Shandong, China (in the Lanling mining circular economy industrial park)



Type 2 of product manufactured: Ductile Iron Pipes coated with zinc (not less than 200g/m²) and alloy
of zinc and aluminium (not less than 400g/m²) with finishing layer

Applying standard: EN545:2010

Nominal size of products certified: DN80-DN2000

Detailed type(s) of products: Refer to Annex

After examination of the following documents:

- Quality system certificate No.: UQ171632R0, Valid period: NOV 09, 2017 to NOV 08, 2020
- Factory audit report No.: IN-QD-5801-20053-002

The undersigned inspector to SGS, certifies that the above factory meets the applicable requirements for
the production of the following type of ductile iron pipes listed in Annex

The valid date: June 16, 2020

The expiry date: June 15, 2023

This approval is only valid provided that annual audit (in annex) is done and found satisfactory by SGS, and
when no significant changes are made to the audited facility, its production rate and its quality system.
These conditions will be assessed during annual audits.

Note: This inspection has been carried out within the scope of SGS-CSTC STANDARDS TECHNICAL
SERVICES CO., LTD.; It does not release the seller from this contractual obligations towards the buyer in
case of non-conformity items found in the mass production, also this certificate can not replace any
authority approval in the country where those products applied.

Place and date of issue: June 16, 2020 IN QINGDAO CITY, CHINA

ANNEX

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 issues 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 instructions, if any. The Company's sole responsibility is to
its Client and this document does not constitute parties to a transaction from exercising all their rights and obligations
under the transaction documents.

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传真: (86-10) 6845 7979

AFFILIATE CODE: F615001
CONFORMITY NO.: INDQDC20032

Page 2 of 2

Name of the factory: GUOMING DUCTILE IRON PIPES CO.,LTD.
Address of the factory: South of national highway 206, Shangyan town Lanling county Linyi City,
Shandong, China(In the Lanling mining circular economy industrial park)

Type 2 of product manufactured: Ductile Iron Pipes coated with zinc (not less than 200g/m²) and alloy
of zinc and aluminium (not less than 400g/ m²) with finishing layer

Applying standard: EN545:2010

Nominal size of products certified: DN80-DN2000

Satisfactory audit of the above-mentioned factory and issuance of the references report as per the Factory
Approval Certificate

THE ABOVE REFLECTS OUR FINDINGS AT TIME AND PLACE OF AUDIT. THIS CERTIFICATE DOES
NOT RELIEVE SELLER/MANUFACTURERS FROM THEIR CONTRACTUAL LIABILITIES OR
PREJUDICE BUYER'S RIGHT FOR COMPENSATION FOR ANY APPARENT AND/OR HIDDEN
DEFECTS NOT DETECTED DURING OUR AUDIT OR OCCURRING THEREAFTER.

This certificate is valid for 3 years (until June 15, 2023), providing the annual surveillance visits by the
Society are satisfactory. After that period, it shall be renewed in accordance with the SGS Rules.

Audit record:

1 st Year:	2 nd Year:	3 rd Year:
16/06/2020~ 15/06/2021	16/06/2021~ 15/06/2022	16/06/2022~ 15/06/2023
Sign& Stamp:	Sign& Stamp:	Sign& Stamp:

Remark:

1. The duplicated certificates shall be renewed accompanied with the original.
2. The name of the factory is changed from SHANDONG GUOMING DUCTILE IRON PIPES
TECHNOLOGY CO., LTD. to GUOMING DUCTILE IRON PIPES CO.,LTD. from May 28, 2021.

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service printed overleaf.
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AFFILIATE CODE: F615001
CONFORMITY NO.: INDQDC20033

Page 1 of 2

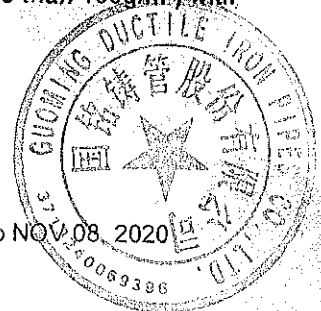
VERIFICATION OF CONFORMITY

Name of the factory: GUOMING DUCTILE IRON PIPES CO., LTD.
Address of the factory: South of national highway 206, Shangyan town Lanling county Linyi City,
Shandong, China (In the Lanling mining circular economy industrial park)

Type 2 of product manufactured: Ductile Iron Pipes coated with zinc (not less than 130g/m²) with
finishing layer

Applying standard: ISO2531:1998
Nominal size of products certified: DN80-DN2600
Applying standard: BS4772:1988
Nominal size of products certified: DN80-DN1600
Detailed type(s) of products: Refer to Annex
After examination of the following documents:

- Quality system certificate No.: UQ171632R0, Valid period: NOV 09, 2017 to NOV 08, 2020
- Factory audit report No.: IN-QD-5801-20053-002



The undersigned inspector to SGS, certifies that the above factory meets the applicable requirements for
the production of the following type of ductile iron pipes listed in Annex

The valid date: June 16, 2020

The expiry date: June 15, 2023

This approval is only valid provided that annual audit (in annex) is done and found satisfactory by SGS, and
when no significant changes are made to the audited facility, its production rate and its quality system.
These conditions will be assessed during annual audits.

Note: This inspection has been carried out within the scope of SGS-CSTC STANDARDS TECHNICAL
SERVICES CO., LTD.; It does not release the seller from this contractual obligations towards the buyer in
case of non-conformity items found in the mass production, also this certificate can not replace any
authority approval in the country where those products applied.

Place and date of issue: June 16, 2020 IN QINGDAO CITY, CHINA

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 issues 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 GfK's intervention, if any. 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
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传真: (86-10) 6845 7979

AFFILIATE CODE: F615001
CONFORMITY NO.: INDQDC20033

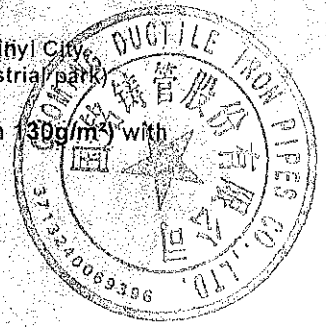
Page 2 of 2

ANNEX

Name of the factory: GUOMING DUCTILE IRON PIPES CO., LTD.
Address of the factory: South of national highway 206, Shangyan town, Lanling county, Linzi City,
Shandong, China (In the Lanling mining circular economy industrial park)

Type 2 of product manufactured: Ductile Iron Pipes coated with zinc (not less than 30g/m²) with finishing layer

Applying standard: ISO2531:1998
Nominal size of products certified: DN80-DN2600
Applying standard: BS4772:1988
Nominal size of products certified: DN80-DN1600



Satisfactory audit of the above mentioned factory and issuance of the references report as per the Factory Approval Certificate.

THE ABOVE REFLECTS OUR FINDINGS AT TIME AND PLACE OF AUDIT. THIS CERTIFICATE DOES NOT RELIEVE SELLER/MANUFACTURERS FROM THEIR CONTRACTUAL LIABILITIES OR PREJUDICE BUYER'S RIGHT FOR COMPENSATION FOR ANY APPARENT AND/OR HIDDEN DEFECTS NOT DETECTED DURING OUR AUDIT OR OCCURRING THEREAFTER.

This certificate is valid for 3 years (until June 15, 2023), providing the annual surveillance visits by the Society are satisfactory. After that period, it shall be renewed in accordance with the SGS Rules.

Audit record:

1 st Year:	2 nd Year	3 rd Year
16/06/2020~ 15/06/2021	16/06/2021~ 15/06/2022	16/06/2022~ 15/06/2023
Sign & Stamp:	Sign & Stamp:	Sign & Stamp:

Remark:

- The duplicated certificates shall be renewed accompanied with the original.
- The name of the factory is changed from SHANDONG GUOMING DUCTILE IRON PIPES TECHNOLOGY CO., LTD. to GUOMING DUCTILE IRON PIPES CO., LTD. from May 28, 2021.

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 issues 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 instructions, if any. 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.

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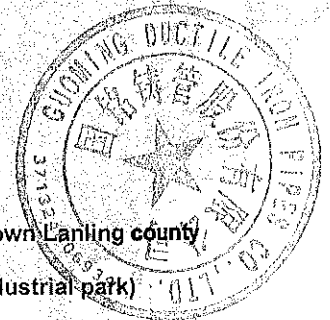
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CERTIFICATE NO.: INDQDC22021

Page 1 of 2

SGS Office: SGS-CSTC Qingdao Branch Date: 09/June/2022
FILE NO.: IN-QD-5801-220168-001-A

PRODUCTION CERTIFICATE

SGS Reference No. : IN-QD-5801-220168-001-A
Audit Date : June 4-6, 2022
Audited Company : **GUOMING DUCTILE IRON PIPES CO.,LTD.**
South of national highway 206, Shangyan town Lanling county
Linyi City, Shandong, China
(In the Lanling mining circular economy industrial park)
Type of Audit : PRODUCT AND PROCESS AUDIT FOR
PRODUCTION OF CENTRIFUGAL CASTING
DUCTILE IRON PIPES (DN80-DN2600) ACCORDING TO
ISO2531:1998(INCLUDING ISO8179 & ISO4179)
AND (DN80-DN2000) ACCORDING TO EN545:2006
Purpose and Scope of Audit : 1. EVALUATION OF COMPANY'S CAPACITIES AND
CAPABILITIES FOR PRODUCTION AND TEST OF
ISO2531:1998(INCLUDING ISO8179 & ISO4179) AND
EN545:2006
2. EVALUATION OF COMPANY'S QUALITY SYSTEM



THIS IS TO CERTIFY THAT A PRODUCT AND PROCESS AUDIT FOR PRODUCTION OF
CENTRIFUGAL CASTING DUCTILE IRON PIPES (DN80-DN2600) ACCORDING TO ISO2531:1998
(INCLUDING ISO8179 & ISO4179) AND (DN80-DN2000) ACCORDING TO EN545:2006 HAD BEEN
PERFORMED AT

GUOMING DUCTILE IRON PIPES CO.,LTD.

South of national highway 206, Shangyan town Lanling county Linyi City, Shandong, China
(In the Lanling mining circular economy industrial park)

ACCORDING TO THE AUDIT RESULTS WE HEREWITH CERTIFY THAT
GUOMING DUCTILE IRON PIPES CO.,LTD. HAS THE CAPACITY AND
CAPABILITY TO PRODUCE CENTRIFUGAL CASTING DUCTILE IRON PIPES (DN80-DN1200)
WHICH MEET THE REQUIREMENTS OF ISO2531:1998(INCLUDING ISO8179 & ISO4179)
AND (DN80-DN2000) WHICH MEET THE REQUIREMENTS OF EN545:2006 AND IT'S
CORRESPONDING STANDARDS.

For and on behalf of SGS-CSTC
Standards Technical Services Co., Ltd.

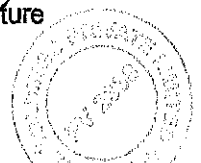
Authorized Signature

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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 issues defined therein.

Any other holder of this document is advised that information contained hereon reflects the Company's findings at the
time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to
the Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations
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AFFILIATE CODE: F615001
CERTIFICATE NO.: INDQDC22021

Page 2 of 2

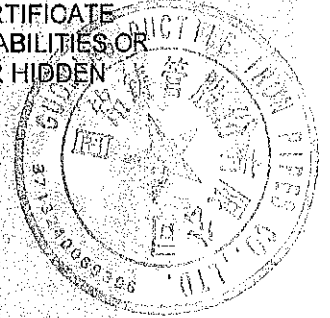
THE AUDIT RESULTS ARE DETAILED IN THE AUDIT REPORT BEARING THIS CERTIFICATE NUMBER.

THIS CERTIFICATE IS VALID FROM APR. 18, 2022 TO APR. 17, 2023 ONLY, AND WILL BE RENEWED SUBJECT TO SATISFACTORY MAINTENANCE OF THE SYSTEM.

THE ABOVE REFLECTS OUR FINDINGS AT TIME AND PLACE OF AUDIT. THIS CERTIFICATE DOES NOT RELIEVE SELLER/MANUFACTURERS FROM THEIR CONTRACTUAL LIABILITIES OR PREJUDICE BUYER'S RIGHT FOR COMPENSATION FOR ANY APPARENT AND/OR HIDDEN DEFECTS NOT DETECTED DURING OUR AUDIT OR OCCURRING THEREAFTER.

REMARK: THE STANDARD ISO2531:1998 HAS BEEN REPLACED BY ISO2531:2009. ACCORDING TO THE CLIENT'S REQUEST, WE PERFORM THE AUDIT AS PER ISO2531:1998 AND ISSUE THE CERTIFICATE.

THE STANDARD EN545:2006 HAS BEEN REPLACED BY EN545:2010. ACCORDING TO THE CLIENT'S REQUEST, WE PERFORM THE AUDIT AS PER EN545:2006 AND ISSUE THE CERTIFICATE.



For and on behalf of SGS-CSTC
Standards Technical Services Co., Ltd.

Authorized Signature

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AFFILIATE CODE: F615001
CERTIFICATE NO.: INDQDC22023

Page 1 of 2

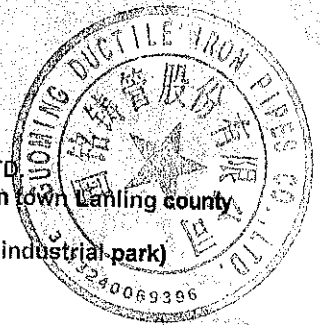
SGS Office: SGS-CSTC Qingdao Branch Date: 10/June/2022
FILE NO.: IN-QD-5801-220168-001-C

PRODUCTION CERTIFICATE

SGS Reference No. : IN-QD-5801-220168-001-C

Audit Date : June 4-6, 2022

Audited Company : GUOMING DUCTILE IRON PIPES CO.,LTD.
South of national highway 206,Shangyan town Lanling county
Linyi City, Shandong,China
(In the Lanling mining circular economy industrial park)



Type of Audit : PRODUCT AND PROCESS AUDIT FOR
PRODUCTION OF CENTRIFUGAL CASTING
DUCTILE IRON PIPES (DN100-DN2600) ACCORDING
TO ISO7186: 2011 AND (DN80-DN2000) ACCORDING
TO EN598: 2007.


Purpose and Scope of Audit : 1. EVALUATION OF COMPANY'S CAPACITIES AND
CAPABILITIES FOR PRODUCTION AND TEST OF
ISO7186-2011 AND EN598: 2007.
2. EVALUATION OF COMPANY'S QUALITY SYSTEM

THIS IS TO CERTIFY THAT A PRODUCT AND PROCESS AUDIT FOR PRODUCTION OF
CENTRIFUGAL CASTING DUCTILE IRON PIPES (DN100-DN2600) ACCORDING TO
ISO7186-2011 AND (DN80-DN2000) ACCORDING TO EN598: 2007 HAD BEEN PERFORMED AT
GUOMING DUCTILE IRON PIPES CO.,LTD.

South of national highway 206,Shangyan town Lanling county Linyi City, Shandong, China
(In the Lanling mining circular economy industrial park)

ACCORDING TO THE AUDIT RESULTS WE HEREWITH CERTIFY THAT GUOMING DUCTILE IRON
PIPES CO.,LTD. HAS THE CAPACITY AND CAPABILITY TO PRODUCE CENTRIFUGAL CASTING
DUCTILE IRON PIPES (DN100-DN2600)
WHICH MEET THE REQUIREMENTS OF ISO7186-2011 AND (DN80-DN2000)
WHICH MEET THE REQUIREMENTS OF EN598: 2007 AND IT'S CORRESPONDING STANDARDS.

For and on behalf of SGS-CSTC
Standards Technical Services Co., Ltd.


Authorized Signature

(Continued)

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Page 2 of 2

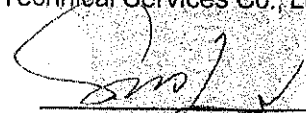
THE AUDIT RESULTS ARE DETAILED IN THE AUDIT REPORT BEARING THIS CERTIFICATE NUMBER.

THIS CERTIFICATE IS VALID FROM APR. 18, 2022 TO APR. 17, 2023 ONLY, AND WILL BE RENEWED SUBJECT TO SATISFACTORY MAINTENANCE OF THE SYSTEM.

THE ABOVE REFLECTS OUR FINDINGS AT TIME AND PLACE OF AUDIT. THIS CERTIFICATE DOES NOT RELIEVE SELLER/MANUFACTURERS FROM THEIR CONTRACTUAL LIABILITIES OR PREJUDICE BUYER'S RIGHT FOR COMPENSATION FOR ANY APPARENT AND/OR HIDDEN DEFECTS NOT DETECTED DURING OUR AUDIT OR OCCURRING THEREAFTER.

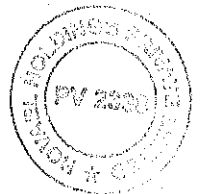


For and on behalf of SGS-CSTC
Standards Technical Services Co., Ltd.


Authorized Signature

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傳真: (86-10) 68457979

AFFILIATE CODE: F615001
CERTIFICATE NO.: INDQDC21044

SGS Office: SGS-CSTC Qingdao Branch Date: Nov. 16, 2021
FILE NO.: IN-QD-5801-210391

PRODUCTION CERTIFICATE

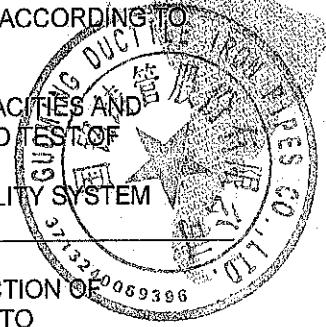
SGS Reference No. IN-QD-5801-210391

Audit Date Nov. 10-12, 2021

Audited Company **GUOMING DUCTILE IRON PIPES CO.,LTD**
South of national highway 206,Shangyan town Lanling county
Linyi City, Shandong,China (In the Lanling mining circular
economy industrial park)

Type of Audit : PRODUCT AND PROCESS AUDIT FOR
PRODUCTION OF CENTRIFUGAL CASTING
DUCTILE IRON PIPES (DN80-DN2600) ACCORDING TO
ISO10804:2018(E)

Purpose and Scope of Audit 1. EVALUATION OF COMPANY'S CAPACITIES AND
CAPABILITIES FOR PRODUCTION AND TEST OF
ISO10804:2018(E)
2. EVALUATION OF COMPANY'S QUALITY SYSTEM



THIS IS TO CERTIFY THAT A PRODUCT AND PROCESS AUDIT FOR PRODUCTION OF
CENTRIFUGAL CASTING DUCTILE IRON PIPES (DN80-DN2600) ACCORDING TO
ISO10804:2018(E) HAD BEEN PERFORMED AT

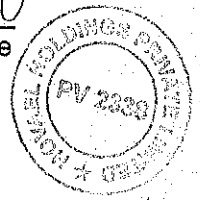
GUOMING DUCTILE IRON PIPES CO.,LTD
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(In the Lanling mining circular economy industrial park)

ACCORDING TO THE AUDIT RESULTS WE HEREWITH CERTIFY THAT
GUOMING DUCTILE IRON PIPES CO.,LTD HAS THE CAPACITY AND
CAPABILITY TO PRODUCE CENTRIFUGAL CASTING DUCTILE IRON PIPES (DN80-DN2600)
WHICH MEET THE REQUIREMENTS OF ISO10804:2018(E) AND IT'S CORRESPONDING
STANDARDS.

For and on behalf of SGS-CSTC
Standards Technical Services Co., Ltd.

Authorized Signature

(Continued)



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 issues 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 instructions, if any. 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.



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



SGS

AFFILIATE CODE: F615001

CERTIFICATE NO.: INDQDC21044

Page 2 of 2

THE AUDIT RESULTS ARE DETAILED IN THE AUDIT REPORT BEARING THIS CERTIFICATE NUMBER.

THIS CERTIFICATE IS VALID FROM NOV. 1, 2021 TO OCT. 31, 2022 ONLY, AND WILL BE RENEWED SUBJECT TO SATISFACTORY MAINTENANCE OF THE SYSTEM.

THE ABOVE REFLECTS OUR FINDINGS AT TIME AND PLACE OF AUDIT. THIS CERTIFICATE DOES NOT RELIEVE SELLER/MANUFACTURERS FROM THEIR CONTRACTUAL LIABILITIES OR PREJUDICE BUYER'S RIGHT FOR COMPENSATION FOR ANY APPARENT AND/OR HIDDEN DEFECTS NOT DETECTED DURING OUR AUDIT OR OCCURRING THEREAFTER.



For and on behalf of SGS-CSTC
Standards Technical Services Co., Ltd.

Authorized Signature

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SGS

ORIGINAL

AFFILIATE CODE: F615001

CERTIFICATE NO.: IN-DL-5805-21100-C

IND-01

Date : Dec. 24, 2020
Order No. : IN-DL-5805-21100

CERTIFICATE

Assessment
(Company)

Address

Type of

Assessment

Assessment date

Purpose and Scope
of Assessment:

Assessment of Liaoning Xinning Industrial Co., Ltd.
SME Park, Xianrendao Energy & Chemical Industry Zone, Yingkou City, Liaoning
Province, P.R. China

Product: ductile iron fittings and accessories

Dec. 24, 2020

1. Evaluation of company's capacities and capabilities for production of ductile iron fittings and accessories in the tests according to the requirements of ISO 2531:2009, BS EN545:2010, BS EN598:2007+A1:2009, ISO 7186:2011, ISO 4179:2005, ISO 8179:2017, BS EN14901:2014 and GB/T13295-2019.
2. Evaluation of company's quality system.

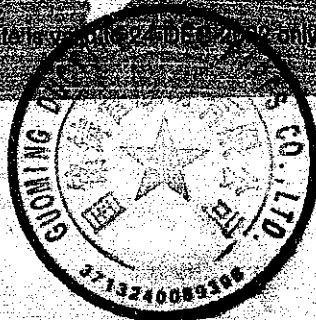
The factory assessment had been performed at

Liaoning Xinning Industrial Co. LTD

SME Park, Xianrendao Energy & Chemical Industry Zone, Yingkou City, Liaoning Province, P.R. China

According to the audit results, find the ductile iron fittings and accessories production sized from DN80-DN200 were effectively controlled by quality system. The mechanical property, dimension check and hydrostatic test comply with ISO 2531:2009, BS EN 545:2010, BS EN598:2007+A1:2009, ISO 7186:2011 and GB/T13295-2019, Zinc coating and bitumen coating comply with ISO 8179:2017; Cement lining comply with ISO 4179-2005; Epoxy coating comply with BS EN14901:2014 and its corresponding standards. The audit results are detailed in the factory audit report bearing this certificate number.

This certificate is valid for 24 months 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

The above reflects our findings at the time and place of inspection. This certificate does not relieve sellers/suppliers from their contractual responsibilities with regard to quality/quantity of this delivery nor does it prejudice the buyer's right of claim towards his sellers/suppliers for compensation for any apparent and/or hidden defects not detected during our random inspection or occurring thereafter.

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