



**BUREAU
VERITAS**

FACTORY APPROVAL CERTIFICATE

Certificate No.: FA-IPC/NR/IPCA-21/024-1 Rev. A

Name of the factory: **Guoming Ductile iron pipes Co., Ltd**

Address of the factory: **South of 206 national road, Shangyan town Lanling county
Linyi City, Shandong, China**

Type(s) of products manufactured: **Ductile Iron Pipes for Water Application**

Nominal size of products certified: **DN 80-DN 2600 (ISO 2531:2009)
DN 80-DN 2000 (EN 545:2010)**

Applying standards: **ISO 2531:2009(E) & EN 545:2010(E)**

Joint type of product certified: **Flexible joints (TYT)**

After examination of the following documents:

- Quality System Certificate NO. **UQ201069R1** Valid dated **Nov. 8th, 2023**
- Factory Audit Report NO. **FR-IPC/NR/IPCA-21/100**

The undersigned inspector to Bureau Veritas, certifies that the above factory meets the applicable requirements for the production of the following types of ductile iron pipes for water application listed in Annex I to Certificate.

This certificate is valid from **Mar. 29th, 2021**

For a period of three years, ending **Mar. 28th, 2024**

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

This approval is an integral and indissociable part of the certification process managed by Bureau Veritas as defined in BV procedure @M-VPC.

Made at: **Shanghai**

Name & signature:

Mingsheng Xu

First Issued Date: **March 29th, 2021**

Revised Date: **Sept. 28th, 2021**

BV China INS Department Product Manager

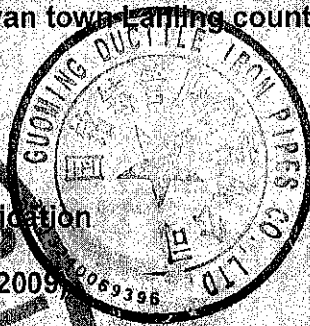


**BUREAU
VERITAS**

ANNEX I TO CERTIFICATE No. FA-IPC/NR/PCA-21/024-1 Rev. A

First Issued Date: March 29, 2021
Revised Date: Sept. 28th, 2021

1. Name of the factory: **Guoming Ductile iron pipes Co., Ltd**
2. Address of the factory: **South of 206 national road, Shangyan town, Lanting county
Linyi City, Shandong, China**
3. Applying standards : **ISO 2531:2009(E) & EN 545:2010(E)**
4. Type of product certified: **Ductile Iron Pipes for Water Application**
5. Nominal size of product certified: **DN 80-DN 2600 (ISO 2531:2009)
DN 80-DN 2000 (EN 545:2010)**
6. Joint type of product certified: **Flexible joints (TYJ)**



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

This certificate is valid for 3 years (until Mar. 28th, 2024), providing that the semi-annual surveillance visits made by the Society are satisfactory. After that period it shall be renewed in accordance with the Bureau Veritas Rules.

1 st Year Period:		2 nd Year Period:		3 rd Year Period:	
29/03/2021~ 28/09/2021	29/09/2021~ 28/03/2022	29/03/2022~ 28/09/2022	29/09/2022~ 28/03/2023	29/03/2023~ 28/09/2023	29/09/2023~ 28/03/2024
Sign & Stamp:	Sign & Stamp:	Sign & Stamp:	Sign & Stamp:	Sign & Stamp:	Sign & Stamp:

This inspection has been carried out within the scope of Bureau Veritas General Conditions; it does not release the seller from his contractual obligations towards the buyer.





**BUREAU
VERITAS**

FACTORY APPROVAL CERTIFICATE

Certificate No.: FA-IPC/NR/IPCA-21/024-2 Rev. A

Name of the factory: Guoming Ductile iron pipes Co., Ltd

Address of the factory: South of 206 national road, Shangyan town Lanling county
Linyi City, Shandong, China

Type(s) of products manufactured: Ductile Iron Pipes for Water Application

Nominal size of products certified: DN 80-DN 2600 (ISO 2531:1998)
DN 80-DN 2000 (EN 545:2006)

Applying standards: ISO 2531:1998 & EN 545:2006

Joint type of product certified: Flexible Joints (TYT)

After examination of the following documents:

- Quality System Certificate NO. UQ201069R1 Validated Nov. 8th, 2023
- Factory Audit Report NO. FR-IPC/NR/IPCA-21/100

The undersigned inspector to Bureau Veritas, certifies that the above factory meets the applicable requirements for the production of the following types of ductile iron pipes for water application listed in Annex I to Certificate.

This certificate is valid from Sept. 29th, 2021

For a period of three years, ending Mar. 28th, 2024

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

This approval is an integral and indissociable part of the certification process managed by Bureau Veritas as defined in BV procedure GM-VPC.

Made at: Shanghai

Name & signature:

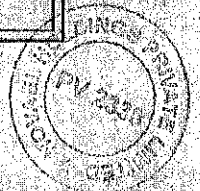
Mingsheng Xu

First Issued Date: March 29, 2021

Revised Date: Sept. 28th, 2021

BV China INS Department Product Manager

Bureau Veritas Greater China, Industry and Facility Division
No. 1288, Waima Road, Huangpu District, Shanghai 200011, P.R.C.
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**BUREAU
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ANNEX I TO CERTIFICATE No. FA-IPC/NR/PCA-21/024-2 Rev. A

First Issued Date: March 29th, 2021

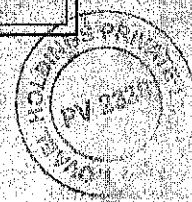
Revised Date: Sept. 28th, 2021

1. Name of the factory: **Guoming Ductile iron pipes Co., Ltd**
2. Address of the factory: **South of 206 national road, Shangyan town Lanling county
Linyi City, Shandong, China**
3. Applying standard: **ISO 2531:1998, EN 545:2006**
4. Type of product certified: **Ductile Iron Pipes for Water Application**
5. Nominal size of product certified: **DN 80-DN 2600 (ISO 2531:1998)
DN 80-DN 2000 (EN 545:2006)**
6. Joint type of product certified: **Flexible joints (TYT)**
 - Satisfactory audit of the above mentioned factory and issuance of the references report as per the Factory Approval Certificate.

This certificate is valid for 3 years (until Mar. 28th, 2024), providing that the semi-annual surveillance visits made by the society are satisfactory. After that period it shall be renewed in accordance with the Bureau Veritas Rules.

1 st Year Period:		2 nd Year Period:		3 rd Year Period:	
29/03/2021~ 28/09/2021	29/09/2021~ 28/03/2022	29/03/2022~ 28/09/2022	29/09/2022~ 28/03/2023	29/03/2023~ 28/09/2023	29/09/2023~ 28/03/2024
Sign & Stamp:	Sign & Stamp:	Sign & Stamp:	Sign & Stamp:	Sign & Stamp:	Sign & Stamp:

This inspection has been carried out within the scope of Bureau Veritas General Conditions; it does not release the seller from his contractual obligations towards the buyer.





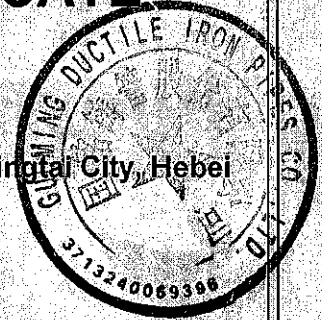
**BUREAU
VERITAS**

FACTORY APPROVAL CERTIFICATE

Certificate No.: FA-IPC/NR/IPCA-20/147

Name of the factory : Xingtai Rubber Products Factory

Address of the factory : No.256, Jianshe Road, Renze District, Xingtai City, Hebei
Province, P.R.China



Type(s) of products manufactured: **Vulcanized rubber seals**
Rubber type: **SBR, EPDM, NBR**

Rubber seals type: "T", "K", "STD", "XT2", "A", "O" and "FL"

Hardness class (IRHD): 50 and 90 for "T", 50 and 60 for "K", 70 for
"STD" and "XT2", 50 and 90 for "A", 50 for "O" and 60 for "FL"

Nominal size: listed in Annex I to Certificate

Applying standards: **ISO4633:2015, DIN EN681-1:2006**

After examination of the following documents:

- Quality System Certificate n° 02619031139RIM issued date Dec 18, 2019.
- Factory Audit Report n° FR-IPC/NR/IPCA-20/147

The undersigned inspector to Bureau Veritas, certifies that the above factory meets the applicable requirements for the production of the following types of rubber seals listed in Annex I to Certificate.

This certificate is valid from **Dec 18, 2020**

For a period of three years, ending **Dec 17, 2023**

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

This approval is an integral and indissociable part of the certification process managed by Bureau Veritas as defined in BV procedure GM SI 210.

Made at: Shanghai



Name & signature:

020 Mingsheng Xu

On: Dec. 18, 2020

BV China-INS-Department Product Manager





**BUREAU
VERITAS**

ANNEX I TO CERTIFICATE No. FA-IPC/NR/IPCA-2020

1. Name of the factory : Xingtai Rubber Products Factory
2. Address of the factory: No.256, Jianshe Road, Renze District, Xingtai City, Hebei Province, P.R.China
3. Applying standards : ISO4833: 2015 DIN EN681-1:2006



Type of Product: Vulcanized rubber seals				
Rubber type	Type of application	Description of seal	Hardness class (IRHD)	Nominal size
SBR	WA,WC	T	50-90	DN40-DN2000
		K	50-60	DN100-DN2600
		STD	70	DN100-DN2600
		A	50 and 90	DN80-DN1600
		O	50	DN300-DN3000
		FL	50	DN10-DN2000
EPDM	WA,WC	T	50-90	DN40-DN2000
		K	50-60	DN100-DN2600
		STD	70	DN100-DN2600
		A	50 and 90	DN80-DN1600
		O	50	DN300-DN3000
		FL	50	DN10-DN2000
NBR	WC,WG	T	50 and 90	DN40-DN2000
		A	50 and 90	DN80-DN1600
		G	50	DN300-DN3000

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

This certificate is valid for 3 years (until Dec. 17, 2023), providing that the semi-annual surveillance visits made by the society are satisfactory. After that period it shall be renewed in accordance with the Bureau Veritas Rules.

1 st Year Period:		2 nd Year Period:		3 rd Year Period:	
18/12/2020~ 17/06/2021	18/06/2021~ 17/12/2021	18/12/2021~ 17/06/2022	18/06/2022~ 17/12/2022	18/12/2022~ 17/06/2023	18/06/2023~ 17/12/2023
Sign & Stamp	Sign & Stamp	Sign & Stamp	Sign & Stamp	Sign & Stamp	Sign & Stamp

This inspection has been carried out within the scope of Bureau Veritas General Conditions; it does not release the seller from his contractual obligations towards the buyer.

