

# CERTIFICATE

Quality-Assurance System for material manufacturer  
according to Pressure Equipment Directive 2014/68/EU

Certificate no.: 07/202/9030/WZ/2317/21

**Name and address  
of the manufacturer:** Hebei Minhai Pipe Fitting Co., Ltd.  
National Road 205, Bianwu, Yanshan County,  
Cangzhou City, Hebei Province, 061300, P. R. China

Herewith we certify that the manufacturer has established and applies a **quality-assurance system related to the material**. This QA System has been subjected to a specific assessment acc. to directive 2014/68/EU, annex I, point 4.3 with regard to the materials mentioned in the scope of approval.

Approved acc. to directive 2014/68/EU: **QA-System in relation to materials,  
EN 764-5, section 4.2 and AD2000-Merkblatt W0**

Certification file no.: 9030AW\_2317/21 / 8119885471

Audit report file no.: 9030AW\_2317/21

Scope of approval:  
(product / material) Seamless Fittings

Production site: see above

The certificate is valid until: December 2024

Only valid in conjunction with a valid certificate acc. to EN ISO 9001.

Attachment:  
Scope of approval



Notified Body 0045 for pressure equipment



Digitally signed by  
Koch Stefan Dr.  
Date: 2022.01.21  
14:29:24 +01'00'

Contact:  
E-mail [IMWUS@tuev-nord.de](mailto:IMWUS@tuev-nord.de)  
Phone +49-(0)40-8557-2090

TÜV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 22525 Hamburg

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

# CERTIFICATE

Quality-Assurance System for material manufacturer  
according to Pressure Equipment Directive 2014/68/EU

Certificate no.: 07/202/9030/WZ/2317/21

**Name and address  
of the manufacturer:** Hebei Minhai Pipe Fitting Co., Ltd.  
National Road 205, Bianwu, Yanshan County,  
Cangzhou City, Hebei Province, 061300, P. R. China

Herewith we certify that the manufacturer has established and applies a **quality-assurance system related to the material**. This QA System has been subjected to a specific assessment acc. to directive 2014/68/EU, annex I, point 4.3 with regard to the materials mentioned in the scope of approval.

Approved acc. to directive 2014/68/EU: **QA-System in relation to materials,  
EN 764-5, section 4.2 and AD2000-Merkblatt W0**

Certification file no.: 9030AW\_2317/21 / 8119885471

Audit report file no.: 9030AW\_2317/21

Scope of approval:  
(product / material) Seamless Fittings

Production site: see above

The certificate is valid until: December 2024

Only valid in conjunction with a valid certificate acc. to EN ISO 9001.

Attachment:  
Scope of approval



Notified Body 0045 for pressure equipment



Digitally signed by  
Koch Stefan Dr.  
Date: 2022.01.21  
14:29:24 +01'00'

Contact:  
E-mail [IMWUS@tuev-nord.de](mailto:IMWUS@tuev-nord.de)  
Phone +49-(0)40-8557-2090

TÜV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 22525 Hamburg

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

# CERTIFICATE

Quality-Assurance System for material manufacturer  
according to Pressure Equipment Directive 2014/68/EU

Certificate no.: 07/202/9030/WZ/2317/21

**Name and address  
of the manufacturer:** Hebei Minhai Pipe Fitting Co., Ltd.  
National Road 205, Bianwu, Yanshan County,  
Cangzhou City, Hebei Province, 061300, P. R. China

Herewith we certify that the manufacturer has established and applies a **quality-assurance system related to the material**. This QA System has been subjected to a specific assessment acc. to directive 2014/68/EU, annex I, point 4.3 with regard to the materials mentioned in the scope of approval.

Approved acc. to directive 2014/68/EU: **QA-System in relation to materials,  
EN 764-5, section 4.2 and AD2000-Merkblatt W0**

Certification file no.: 9030AW\_2317/21 / 8119885471

Audit report file no.: 9030AW\_2317/21

Scope of approval:  
(product / material) Seamless Fittings

Production site: see above

The certificate is valid until: December 2024

Only valid in conjunction with a valid certificate acc. to EN ISO 9001.

Attachment:  
Scope of approval



Notified Body 0045 for pressure equipment



Digitally signed by  
Koch Stefan Dr.  
Date: 2022.01.21  
14:29:24 +01'00'

Contact:  
E-mail [IMWUS@tuev-nord.de](mailto:IMWUS@tuev-nord.de)  
Phone +49-(0)40-8557-2090

TÜV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 22525 Hamburg

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

# TÜV NORD Systems GmbH & Co. KG



## Notifizierte Stelle 0045 / Notified Body 0045

### Geltungsbereich der Überprüfung gemäß / Scope of Approval according to

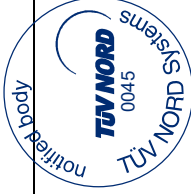
- Richtlinie 2014/68/EU, Anhang I, Nummer 4.3 / Directive 2014/68/EU, Annex I, Point 4.3. Zertifikat-Nr. / Certificate No.: 07/202/9030/WZ/2317/21
- AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07/203/9030/WP/2317/21

Firma / Company: Hebei Minhai Pipe Fitting Co., Ltd.

Datum / Date: 03.12.2021

Ort / Location: Highway 205 Bianwu, Yanshan County, Cangzhou City, Hebei Province, 061300, P. R. China

AZ / File No.: 9030AW\_2317/21  
SAP-No.: 8119885471

Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfgrundlagen Techn. requirements	Bemerkungen Remarks
					Wanddicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
1.1	P235TR2, P235GH, P265TR2, P265GH, 16Mo3	EN 10253-2	+N	Nahtlose Formstücke / Seamless Fittings	≤ 30	DN15 - DN800	Richtlinie 2014/68/EU Directive 2014/68/EU EN13445-2 EN13480-2	 <p>1) Nur zur Information / Only for Information: Beim Einsatz im Bereich AD2000 oder der Druckgeräterichtlinie 2014/68/EU ist ein Einzelgutachten / PMA erforderlich If use in area of AD2000 or PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary</p> <p>2) gem. technischer Spezifikation in Spalte 3 / according to technical specification in column 3</p>
2.1	P235TR2, P235GH, P265TR2, P265GH, 16Mo3	EN 10253-2	+N	Nahtlose Formstücke / Seamless Fittings	≤ 30	DN15 - DN800	AD 2000-Mbl. HP8/3	
3.1	WPB, WPC, WP11, WP12, WP9, WP22, WP91	ASTM A234	2)	Nahtlose Formstücke / Seamless Fittings	2)	2)	1)	
3.2	WP304, WP316, WP304L, WP316L, WP321, WP321H	ASTM A403	2)	Nahtlose Formstücke / Seamless Fittings	2)	2)	1)	

**Fußnoten / Footnotes:**

\* +AT = Lösungsgelüht / solution annealed, +N = normalgeglüht, normalisierend umgeformt / normalized forming, +U = unbehandelt / untreated, +NT = normalgeglüht und angelassen / normalized and tempered, +QT = vergütet / quenched and tempered, +M = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungsrarmgeglüht / stress relieved, +A = weichgeglüht / soft annealed, +CR = kaltgewalzt / cold rolled

# CERTIFICATE

**TÜV NORD Systems GmbH & Co. KG**

certifies that the company

**Hebei Minhai Pipe Fitting Co., Ltd.  
National Road 205, Bianwu, Yanshan County,  
Cangzhou City, Hebei Province, 061300, P. R. China**

has been verified and recognized as material manufacturer according to

**AD 2000-Merkblatt W0**

**Certificate-No.: 07/203/9030/WP/2317/21**

File No.: 9030AW\_2317/21 / 8119885471

Production site: **see above**

The scope of approval is available in the annex scope of approval.

The company fulfils the following essential requirements:

Facilities for appropriate manufacturing and testing, appropriate procedures for manufacturing of the products, qualified personnel for manufacturing and testing of the products and a quality management system with appropriate records, which ensures proper manufacture of the products, as well as compliance with the requirements specified in the material specification.

This certificate is valid until

**December 2024**

Hamburg, 2022-01-21



Digitally  
signed by Koch  
Stefan Dr.

Annex: scope of approval

Material- and Welding Technology  
Große Bahnstrasse 31  
D - 22525 Hamburg

Phone: +49-(0)40-8557-2090  
Fax: +49-(0)40-8557-2710  
E-Mail: IMWUS@tuev-nord.de

TÜV NORD Systems GmbH & Co. KG  
Große Bahnstraße 31, D-22525 Hamburg

To verify the validity of the digital signature of the TÜV NORD Systems employee, the installation of the TÜV NORD GROUP root certificate is required: <https://www.tuev-nord.de/en/company/top-menu-links/customer-login/digital-signature/>

# CERTIFICATE

**TÜV NORD Systems GmbH & Co. KG**

certifies that the company

**Hebei Minhai Pipe Fitting Co., Ltd.  
National Road 205, Bianwu, Yanshan County,  
Cangzhou City, Hebei Province, 061300, P. R. China**

has been verified and recognized as material manufacturer according to

**AD 2000-Merkblatt W0**

**Certificate-No.: 07/203/9030/WP/2317/21**

File No.: 9030AW\_2317/21 / 8119885471

Production site: **see above**

The scope of approval is available in the annex scope of approval.

The company fulfils the following essential requirements:

Facilities for appropriate manufacturing and testing, appropriate procedures for manufacturing of the products, qualified personnel for manufacturing and testing of the products and a quality management system with appropriate records, which ensures proper manufacture of the products, as well as compliance with the requirements specified in the material specification.

This certificate is valid until

**December 2024**

Hamburg, 2022-01-21



Digitally  
signed by Koch  
Stefan Dr.

Annex: scope of approval

Material- and Welding Technology  
Große Bahnstrasse 31  
D - 22525 Hamburg

Phone: +49-(0)40-8557-2090  
Fax: +49-(0)40-8557-2710  
E-Mail: IMWUS@tuev-nord.de

TÜV NORD Systems GmbH & Co. KG  
Große Bahnstraße 31, D-22525 Hamburg

To verify the validity of the digital signature of the TÜV NORD Systems employee, the installation of the TÜV NORD GROUP root certificate is required: <https://www.tuev-nord.de/en/company/top-menu-links/customer-login/digital-signature/>

# Certificate of Registration

The American Petroleum Institute certifies that the quality management system of

**CANGZHOU LONGTAIDI PIPE TECHNOLOGY CO., LTD.**

**No. 33 Huanghe East Road  
Economic Development Zone  
Cangzhou, Hebei  
People's Republic of China**

has been assessed by the American Petroleum Institute and found to be in conformance with the following:

## API Spec Q1, 9th Edition

The scope of this registration and the approved quality management system applies to the

**Manufacture of Clad Steel Pipe, Lined Steel Pipe, Steel Pipe Flanges and Welded, Forged and Seamless Steel Pipe Fittings, Induction Pipe Bend, Clad Pipe Fittings, Clad Pipe Flanges and Clad Hot Induction Bends**

API approves the organization's justification for excluding  
**Design and Development; Servicing**



**Effective Date:** APRIL 30, 2023  
**Expiration Date:** APRIL 30, 2026  
**Registered Since:** APRIL 30, 2014

Anchal Liddar

Senior Vice President of Global Industry Services

This certificate is valid for the period specified herein. The registered organization must continually meet all requirements of API Spec Q1, *Specification for Quality Management System Requirements for Manufacturing Organizations for the Petroleum and Natural Gas Industry*, and the requirements of the Registration Agreement. Registration is maintained and regularly monitored through annual full system audits. This certificate has been issued from API offices located at 200 Massachusetts Avenue, NW Suite 1100, Washington, DC 20001-5571, U.S.A. It is the property of API and must be returned upon request. **To verify the authenticity of this certificate, go to [www.api.org/compositelist](http://www.api.org/compositelist).**

# Certificate of Compliance



No. 0B200121.CLP0Q52

Certificate's Holder:

Cangzhou Longtaidi Pipe Technology Co., Ltd.

No.33 Huanghe East Road, Economic Development Zone, Cangzhou City, Hebei Province, China

Certification ECM Mark:



Product: Model(s):

Pipe Fittings, Flange and Steel Pipe  
 Product Material Scope: ASTM A234, ASTM A420, ASTM A860, EN 10253-2, ASTM A403, ASTM A105, EN 10222-2, ASTM A182, DIN 2633, ASTM A106, API 5L, ASTM A333, EN 10216-2

Verification to:

Standard:  
 (see the following annex I)

related to CE Directive(s):  
 2014/68/EU (Pressure Equipment) ANNEX I PARAGRAPH 4.3

**Remark:** The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at [www.entecerma.it](http://www.entecerma.it). This Certificate of Compliance can be checked for validity at [www.entecerma.it](http://www.entecerma.it)

This verification doesn't imply assessment of the production of the product(s).

Additional information, clarification about the **CE** Marking:



We attest that a TCF for the **CE** Marking process is in place. Whereas the Manufacturer is Responsible to start the **CE Marking Certification Procedure** through an appointed Notified Body and the perform all the necessary activities, as required by the Directive and accepted by the Notified Body, before placing the **CE** Mark on the product(s).

Date of issue 21 January 2020

Expiry date 20 January 2025

Chief Manager  
 Maria Moringa

Deputy Manager  
 Amanda Payne

Ente Certificazione Macchine Srl

Via Ca' Bella, 243 – Loc. Castello di Serravalle – 40053 Valsamoggia (BO) - ITALY  
 ☎ +39 051 6705141 📠 +39 051 6705156 ✉ info@entecerma.it 🌐 www.entecerma.it



# Annex I

No. 0B200121.CLP0Q52



*Details of Validity of Approval as Manufacturer Materials in accordance to Directive 2014/68/EU (Pressure Equipment) Annex I, Paragraph 4.3; Acceptance of type 3.1 material certificates according to EN 10204:2004*

Material	Standard	Product Name
WPB, WPC, WP91, WP11CL1, WP22CL1	ASTM A234	Pipe Fittings (15mm≤DN≤2000mm)
WPL3, WPL6	ASTM A420	
WPHY 52 / WPHY 60 / WPHY 65 / WPHY 70	ASTM A860	
P235GH / P235GH-TC1 / P235TR1 / P235TR2 / P265TR2 / P265GH	EN 10253-2	
304, 304L, 304H, 316, 316L, 316H, 316N, 321, 321H, 347, 347H, 310, 310H, 317, 317L	ASTM A403	
A105	ASTM A105	Flange (15mm≤DN≤2000mm)
P245GH	EN 10222-2	
304, 304L, 304H, 316, 316L, 316H, 316N, 321, 321H, 347, 347H, 310, 310H, 317, 317L	ASTM A182	
C22.8	DIN 2633	
Grade B, Grade C	ASTM A106	Steel Pipe (Out diameter Φ15mm~2000mm, Wall Thickness ≤120mm)
Grade B, X52	API5L	
Grade 3, Grade 6	ASTM A333	
P235GH, P265GH	EN 10216-2	

# Certificate of Compliance



No. 0B200121.CLP0Q53

Certificate's Holder:

Cangzhou Longtaidi Pipe Technology Co., Ltd.  
No.33 Huanghe East Road, Economic Development Zone, Cangzhou City, Hebei Province, China

Certification ECM Mark:



Product: Model(s):

Pipe Fittings, Flange and Steel Pipe  
Pipe Fittings and Flange: 15mm≤DN≤2000mm  
Steel Pipe: Out diameter Φ21.3mm~91.4mm, Wall Thickness 2.3mm~50mm

Verification to:

Standard:  
EN 10210-1:2006, EN 10224:2002,  
EN 10311:2005, EN 1123-1:1999+A1:2004,  
EN 1124-1:1999+A1:2004,  
EN 10255:2004+A1:2007, EN 10219-1:2006

related to CE Directive(s):  
R 305/2011 (Regulation for the Marketing of Construction Products)

**Remark:** The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at [www.entecerma.it](http://www.entecerma.it). This Certificate of Compliance can be checked for validity at [www.entecerma.it](http://www.entecerma.it)

This verification doesn't imply assessment of the production of the product(s).

Additional information, clarification about the CE Marking:



We attest that a TCF for the CE Marking process is in place. Whereas the Manufacturer is responsible to start the CE Marking Certification Procedure through an appointed Notified Body and the perform all the necessary activities, as required by the Directive and accepted by the Notified Body, before placing the CE Mark on the product(s).

Date of issue 21 January 2020

Expiry date 20 January 2025

Chief Manager  
Melinda Morina





Deputy Manager  
Amanda Payne

Ente Certificazione Macchine Srl

Via Ca' Bella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY

+39 051 6705141 +39 051 6705156 info@entecerma.it www.entecerma.it

ORIGINAL

<p>1. Exporter                  HEBEI XINFENG HIGH PRESSURE FLANGE AND PIPE FITTING CO LTD                  BEIHUAN DEVELOPMENT ZONE MENGCON COUNTY HEBEI PROVINCE CHINA</p>		<p>Serial No.                  Certificate No 23C1309A0396700290</p>			
<p>2. Consignee                  «TRUBO-PROM» LTD                  04073, KURENIVSKYI LANE 15A, KYIV, UKRAINE</p>				<p>CERTIFICATE OF ORIGIN                  OF                  THE PEOPLE'S REPUBLIC OF CHINA</p>	
<p>3. Means of transport and route                  FROM XINGANG, CHINA TO GDYNIA PORT, POLAND BY SEA</p>		<p>5. For certifying authority use only</p>			
<p>4. Country / region of destination                  UKRAINE</p>		<p>VERIFY URL <a href="http://CHECK.CCPITECO.NET/">HTTP://CHECK.CCPITECO.NET/</a></p>			
<p>6. Marks and numbers                  N/M</p>	<p>7. Number and kind of packages; description of goods                  TWENTY TWO (22) CASES OF FLANGE</p>	<p>8. H.S.Code                  7307910000</p>	<p>9. Quantity                  4154PCS                  G. WEIGHT                  20800KGS</p>	<p>10. Number and date of invoices                  TR003                  AUG.18,2023</p>	
<p>11. Declaration by the exporter                  The undersigned hereby declares that the above details and statements are correct, that all the goods were produced in China and that they comply with the Rules of Origin of the People's Republic of China.</p>		<p>12. Certification                  It is hereby certified that the declaration by the exporter is correct.</p>			
 <p>GANGZHOU, CHINA AUG.23,2023</p>		 <p>ADD: CSS-Government Center, Beijing Road, Cangzhou, Hebei, CHINA                  TEL: 0317-2175260 FAX: 0317-2175260                  GANGZHOU, CHINA AUG.23,2023</p>			
<p>Place and date, signature and stamp of authorized signatory</p>		<p>Place and date, signature and stamp of certifying authority</p>			



# HEBEI XINFENG HIGH-PRESSURE FLANGE AND PIPE FITTING CO., LTD

Add: BEIHUAN DEVELOPMENT ZONE, MENGUN COUNTY, HEBEI PROVINCE, CHINA

Tel: 0086 317 6019155 Fax: 0086 317 6723871

Tel: 0086 317 6019155 Fax: 0086 317 6723871 info6@hbxfgj.com www.hbxfgj.com

Manufacturer:				CERTIFICATE OF QUALITY						Date:		Certificate No.:		Contract No.	
HEBEI XINFENG HIGH PRESSURE FLANGE AND PIPE FITTING CO., LTD				E.N. 10204/3.1						2023-10-2		XF231002		TR004	
Buyer:				GOODS DESCRIPTION						MATERIAL					
«TRUBO-PROM» LTD				FORGED FLANGE						CARBON STEEL CT20					
Item	SPECIFICATION	Heat No.	Pes	Chemical Composition %, on the product					Mechanical Properties						
				C%	Si %	Mn%	P%	S%	YS Mpa	TS Mpa	E %	Reducti on of Area	Hardness HB		
				0.17-0.24	0.17-0.37	0.35-0.65	≦0.04	≦0.04	≥250	≥420	≥25	≥55	≦187		
1	GOST 12820-80 SLIP-ON FLANGES PN10	100	4125	200	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
2	GOST 12820-80 SLIP-ON FLANGES PN10	250	4125	50	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
3	GOST 12820-80 SLIP-ON FLANGES PN10	350	4125	20	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
4	GOST 12820-80 SLIP-ON FLANGES PN16	50	4125	300	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
5	GOST 12820-80 SLIP-ON FLANGES PN16	100	4125	200	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
6	GOST 12820-80 SLIP-ON FLANGES PN16	125	4125	50	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
7	GOST 12820-80 SLIP-ON FLANGES PN16	150	4125	150	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
8	GOST 12820-80 SLIP-ON FLANGES PN16	200	4125	50	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
9	GOST 12820-80 SLIP-ON FLANGES PN16	400	4125	10	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
10	GOST 12820-80 SLIP-ON FLANGES PN16	500	4125	10	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
11	GOST 12820-80 SLIP-ON FLANGES PN16	600	4125	10	0.186	0.235	0.419	0.021	0.019	263	433	32	62	171	
12	GOST 12820-80 SLIP-ON FLANGES PN25	20	6589	100	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168	
13	GOST 12820-80 SLIP-ON FLANGES PN25	32	6589	50	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168	

河北鑫丰高压法兰管件有限公司  
 HEBEI XINFENG HIGH-PRESSURE  
 FLANGE AND PIPE FITTING CO., LTD.  
 张振泉

14	GOST 12820-80 SLIP-ON FLANGES PN25	50	6589	50	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
15	GOST 12820-80 SLIP-ON FLANGES PN25	65	6589	50	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
16	GOST 12836 -67 BLIND FLANGES PN16	50	6589	100	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
17	GOST 12836 -67 BLIND FLANGES PN16	150	6589	60	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
18	GOST 12821-80 PN16	15	6589	50	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
19	GOST 12821-80 PN16	20	6589	100	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
20	GOST 12821-80 PN16	25	6589	100	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
21	GOST 12821-80 PN16	32	6589	100	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
22	GOST 12821-80 PN16	40	6589	100	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
23	GOST 12821-80 PN16	50	6589	200	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
24	GOST 12821-80 PN16	65	6589	100	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
25	GOST 12821-80 PN16	80	6589	150	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
26	GOST 12821-80 PN16	100	6589	150	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
27	GOST 12821-80 PN16	125	6589	70	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
28	GOST 12821-80 PN16	150	6589	100	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
29	GOST 12821-80 PN16	200	6589	70	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
30	GOST 12821-80 PN16	250	6589	25	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
31	GOST 12821-80 PN16	300	6589	20	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
32	GOST 12821-80 PN16	350	6589	10	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168
33	GOST 12821-80 PN16	400	6589	10	0.22	0.24	0.53	0.023	0.019	259	425	32	62	168

2815

We hereby certify that the materials described herein have been manufactured, inspected and tested in accordance with the customer's specification(s) and that they satisfy the requirements.

河北鑫丰高压法兰管件有限公司  
 HEBEI XINFENG HIGH-PRESSURE  
 FLANGE AND PIPE FITTING CO., LTD  
 张振泉



# HEBEI XINFENG HIGH-PRESSURE FLANGE AND PIPE FITTING CO., LTD

Add: BEIHUAN DEVELOPMENT ZONE, MENGUN COUNTY, HEBEI PROVINCE, CHINA

Tel: 0086 317 6019155 Fax: 0086 317 6723871

Tel: 0086 317 6019155 Fax: 0086 317 6723871 info6@hbxfgj.com www.hbxfgj.com

Manufacturer:				CERTIFICATE OF QUALITY							Date:	Certificate No.	Contract No.		
HEBEI XINFENG HIGH PRESSURE FLANGE AND PIPE FITTING CO., LTD				E.N. 10204/3.1							2023-10-3	XF231003	TR004		
Buyer:				GOODS DESCRIPTION							MATERIAL				
«TRUBO-PROM» LTD				FORGED FLANGE							CARBON STEEL 16MN				
Item	SPECIFICATION	Heat No.	Pcs	Chemical Composition %, on the product						Mechanical Properties					
				C%	Si %	Mn%	P%	Cr%	S%	YS Mpa	TS Mpa	E %	Reducti on of Area	Hardness HB	
				0.13-0.19	0.2-0.6	1.2-1.6	≤0.03	≥0.3	≤0.03	≥345	≥470	≥21	≥30	≤180	
1	ASME B16.5 150# SCH80	3/4	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
2	ASME B16.5 150# SCH80	1	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
3	ASME B16.5 150# SCH80	1 1/4	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
4	ASME B16.5 150# SCH80	1 1/2	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
5	ASME B16.5 150# SCH80	2	9320	30	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
6	ASME B16.5 150# SCH80	2 1/2	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
7	ASME B16.5 150# SCH80	3	9320	20	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
8	ASME B16.5 150# SCH80	4	9320	25	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
9	ASME B16.5 150# SCH80	6	9320	20	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
10	ASME B16.5 150# SCH80	8	9320	20	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
11	ASME B16.5 300# SCH80	3/4	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177

河北鑫丰高压法兰管件有限公司  
 HEBEI XINFENG HIGH-PRESSURE  
 FLANGE AND PIPE FITTING CO., LTD.  
 张振泉

12	ASME B16.5 300# SCH80	1	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
13	ASME B16.5 300# SCH80	1 1/4	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
14	ASME B16.5 300# SCH80	1 1/2	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
15	ASME B16.5 300# SCH80	2	9320	30	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
16	ASME B16.5 300# SCH80	2 1/2	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
17	ASME B16.5 300# SCH80	3	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
18	ASME B16.5 300# SCH80	4	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
19	ASME B16.5 300# SCH80	6	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
20	ASME B16.5 300# SCH80	8	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
21	ASME B16.5 600# SCH80	3/4	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
22	ASME B16.5 600# SCH80	1	9320	40	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
23	ASME B16.5 600# SCH80	1 1/4	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
24	ASME B16.5 600# SCH80	1 1/2	9320	20	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
25	ASME B16.5 600# SCH80	2	9320	100	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
26	ASME B16.5 600# SCH80	2 1/2	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
27	ASME B16.5 600# SCH80	3	9320	50	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
28	ASME B16.5 600# SCH80	4	9320	20	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
29	ASME B16.5 600# SCH80	6	9320	30	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
30	ASME B16.5 600# SCH80	8	9320	10	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
31	ASME B16.5 600# SCH80	10	9320	6	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177
32	ASME B16.5 600# SCH80	12	9320	6	0.152	0.341	1.37	0.016	0.38	0.022	352	477	29	48	177

河北鑫丰高压法兰管件有限公司  
 HEBEI XINFENG HIGH-PRESSURE  
 FLANGE AND PIPE FITTING CO., LTD.  
 张振泉

We hereby certify that the materials described herein have been manufactured, inspected and tested in accordance with the customer's specification(s), and that they

HEBEI MINHAI PIPE FITTING CO.,LTD

MILL TEST CERTIFICATE

Material: Steel 20 According to GOST STANDARD

Buyer		Total pieces	3901
Consignee		Invoice No.	290710/CH/HMP-APPENDIX56
Product Name	PIPE FITTING	Contract No	290710/CH/HMP

No.	Goods description	QTY/PCS	Result	Metal Chemical Composition (%)							Mechanical Properties					Specification for		Remark
				C	Si	Mn	S	P	C.E.	(HB)	(Mpa)	(%)	(J)	(Mpa)	Material			
										Hardness	T.S.	Elongation	I.E.	Y.S.	Visual Examination	Dimensional Inspection		
1	ELBOWS GOST 17375-01 90° R=1,5 D,st20	89x 10	120	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
2	ELBOWS GOST 17375-01 90° R=1,5 D,st20	102x5	160	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
3	ELBOWS GOST 17375-01 90° R=1,5 D,st20	102x6	60	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
4	ELBOWS GOST 17375-01 90° R=1,5 D,st20	108x 6	1000	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
5	ELBOWS GOST 17375-01 90° R=1,5 D,st20	133x 4	600	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
6	ELBOWS GOST 17375-01 90° R=1,5 D,st20	133x 5	800	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
7	ELBOWS GOST 17375-01 90° R=1,5 D,st20	133x 6	320	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
8	ELBOWS GOST 17375-01 90° R=1,5 D,st20	219x 6	600	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
9	ELBOWS GOST 17375-01, 45°, R=1,5 D,st20	45° 159x8	16	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
10	Tee GOST17376-2001, st 20	273x 6	80	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
11	Tee GOST17376-2001, st 20	426x10/325x8	36	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
12	Elliptical caps GOST 17379-2001, st.20,	159x8	8	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
13	Elliptical caps GOST 17379-2001, st.20,	168x4,5	8	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
14	Elliptical caps GOST 17379-2001, st.20,	168x8	8	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
15	Elliptical caps GOST 17379-2001, st.20,	219x 12	4	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
16	Con Reducer GOST17378-2001, st 20	89x 3,5/57x 3,0	24	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
17	Con Reducer GOST17378-2001, st 20	108x4/89x3,5	20	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
18	Con Reducer GOST17378-2001, st 20	273x10/108x 6	4	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
19	Con Reducer GOST17378-2001, st 20	377x10/159x 6	5	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
20	Con Reducer GOST17378-2001, st 20	377x12/159x 6	4	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
21	Con Reducer GOST17378-2001, st 20	377x12/219x 8	4	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
22	Con Reducer GOST17378-2001, st 20	426x10/219x 8	12	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	
23	Con Reducer GOST17378-2001, st 20	530x12/325x10	8	Conformed	0.24	0.23	0.65	0.03	0.03	/	154	419	29	/	246	OK	OK	

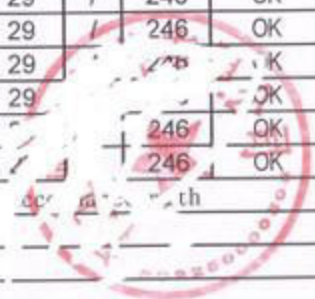
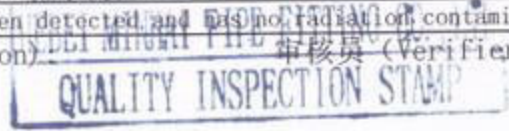
1. We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of above material code and purchase specification.

2. We hereby certify that material described above has been detected and has no radiation contamination.

签发人 (Signature):

发货员 (Delivery person):

审核员 (Verifier):



刘海建  
LIU HAI JIAN  
CEO

