

# Certificate

## Quality management system for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.: 01 202 CHN/Q-04 0135

Name and address of the certificate holder: **Shanxi Taigang Stainless Steel Co., Ltd.  
No.2 Jiancaoping Street,  
Taiyuan City,  
030003 Shanxi Province  
P.R. China**

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 2014/68/EU, Annex I, Par. 4.3, with regard to the materials as listed in the scope of approval.

Test basis: **QM System acc. to EN 764-5, article 4.2 and AD 2000-Merkblatt W0**

Audit report no.: 01 202 CHN/Q-04 0135

Scope: **Manufacturing of Stainless steel and Carbon steel plates, sheets and strips; Manufacturing of steel bars, see annex (Rev.: 5, 2022-03-31) to certificate**

Manufacturing plant: see annex 2

Validity: **This certificate is valid until 2025-05-27.**

Cologne, 2022-05-07

Dipl.-Ing. (FH) Vera Ruff



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

E-108a

# Zertifikat

## Qualitätsmanagement-System für Werkstoffhersteller nach Richtlinie 2014/68/EU

Zertifikatsnummer: 01 202 CHN/Q-04 0135

Name und Anschrift des  
Zertifikatsinhaber: **Shanxi Taigang Stainless Steel Co., Ltd.  
No.2 Jiancaoping Street,  
Taiyuan City,  
030003 Shanxi Province  
P.R. China**

Hiernit wird bescheinigt, dass der Hersteller ein QM-System eingeführt hat und anwendet. Dieses wurde gemäß der Richtlinie 2014/68/EU, Anhang I, Kap 4.3 in Bezug auf die im Geltungsbereich genannten Werkstoffe einer spezifischen Überprüfung unterzogen.

Prüfgrundlage: **QM-System nach EN 764-5, Abschnitt 4.2 und  
AD 2000-Merkblatt W0**

Prüfbericht Nr.: 01 202 CHN/Q-04 0135

Geltungsbereich: **Herstellung von Blechen und Baendern aus nichtrostendem Stahl  
und Kohlenstoffstahl; Herstellung von Stahlbarren,  
siehe Anlage (Rev.: 5, 31.03.2022) zum Zertifikat**

Fertigungsstätte: siehe Anlage 2

Gültigkeit: **Dieses Zertifikat ist gültig bis 27.05.2025.**

Köln, 07.05.2022

Dipl.-Ing. (FH) Vera Ruff



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

E-108a

# Annex 2

## Quality management system for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.: 01 202 CHN/Q-04 0135

Name and address of the certificate holder: **Shanxi Taigang Stainless Steel Co., Ltd.  
No.2 Jiancaoping Street,  
Taiyuan City,  
030003 Shanxi Province  
P.R. China**

Manufacturing plants: **Shanxi Taigang Stainless Steel Co., Ltd.  
No.2 Jiancaoping Street,  
Taiyuan City,  
030003 Shanxi Province  
P.R. China**

**Linfen Branch of Shanxi TISCO  
Stainless Steel CO.,Ltd  
No.3 Qiaodong Street,  
Linfen City,  
041000 Shanxi Province  
P.R. China**

**Shanxi Taiyuan Stainless Steel  
Precision Strip Co.,Ltd  
No.2, Central North Street, Shanxi Demonstration  
Zone, Taiyuan City,  
030006 Shanxi Province  
P.R. China**

Cologne, 2022-05-07

  
Dipl.-Ing. (FH) Vera Ruff



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

E-999

# Anlage 2

## Qualitätsmanagement-System für Werkstoffhersteller nach Richtlinie 2014/68/EU

Zertifikatsnummer: 01 202 CHN/Q-04 0135

Name und Anschrift des  
Zertifikatsinhaber: **Shanxi Taigang Stainless Steel Co., Ltd.**  
**No.2 Jiancaoping Street,**  
**Taiyuan City,**  
**030003 Shanxi Province**  
**P.R. China**

Fertigungsstätten: **Shanxi Taigang Stainless Steel Co., Ltd.**  
**No.2 Jiancaoping Street,**  
**Taiyuan City,**  
**030003 Shanxi Province**  
**P.R. China**

**Linfen Branch of Shanxi TISCO**  
**Stainless Steel CO.,Ltd**  
**No.3 Qiaodong Street,**  
**Linfen City,**  
**041000 Shanxi Province**  
**P.R. China**

**Shanxi Taiyuan Stainless Steel**  
**Precision Strip Co.,Ltd**  
**No.2, Central North Street, Shanxi Demonstration**  
**Zone, Taiyuan City,**  
**030006 Shanxi Province**  
**P.R. China**

Köln, 07.05.2022

  
Dipl.-Ing. (FH) Vera Ruff





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

E-999

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4		<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)	
Manufacturer				Work			
Company Name: Shanxi Taigang Stainless Steel Co., Ltd.		Plant 1: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China		Plant 2: No.3 Qiaodong Street, Linfen City, Shanxi Province, 041000, P. R. China		Nationality: China	
Location: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China		Delivery Cond.		Date		Page No..	
		4		March 31 2022		1	
Materials-term Materials-No.		Material Specification		Article Type of Product		Technical Specifications	
2		3		5		Requirements	
Cur -						Technical Regulations	
1		4		6a 6b 7a 7b 8a 8b		10	
<p><b>1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU</b></p> <p>The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.</p>							
1	1.4362, 1.4401, 1.4404, 1.4462, 1.4571, 1.4438, 1.4541, 1.4550, 1.4311, 1.4948	EN 10028-7	+AT	Plates, sheets, and Strips Hot rolled Cold rolled	3 100 0.3 8	EN 10028-7	Product shall be according to the requirement of the order. If the thickness exceed the scope of EN 10028-7 for Cur. 1 and 2
2	1.4301, 1.4306, 1.4307	EN10028-7	+AT	Plates, sheets, and Strips Hot rolled Cold rolled	2 100 0.3 8	EN 10028-7	
<b>Remarks</b>		+AT = solution annealed		+NT = normalized and tempered		a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary	
		+AR = as rolled		+QT = quenched and tempered			
		+M = thermo mechanical treated		+S = soft annealed			
		+N = normalized or normalizing formed		+SR = stress relieved			



Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3 Manufacturer		<input type="checkbox"/> EN 764-4		<input checked="" type="checkbox"/> AD 2000-Merkblatt W0		<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)				
Company Name: Shanxi Taigang Stainless Steel Precision Strip Co., Ltd.		Work		Nationality		Date		Page No..				
Location: No.2, Central North Street, Shanxi Demonstration Zone, Taiyuan City, Shanxi Province ,030006, P.R. China		Same as left		China		March 31 2022 Rev.:5		2 10				
Cur	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions			Weight max	Technical Specifications Requirements	Remarks		
					Thick-ness mm	Ø mm					1=t / 2=kg	
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	
<b>1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU</b> The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code res pectively the PED must be observed for the use of material grades listed in column 2 to 4.												
3	1.4301, 1.4307, 1.4401, 1.4404	EN10028-7	+AT/+AR	Cold rolled strip	0.05	0.8					EN 10028-7	
Remarks	+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed			+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved			a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary					

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)
Company Name: Shanxi Taigang Stainless Steel Co., Ltd. Location: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China		Work Plant 1: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China Plant 2: No.3 Qiaodong Street, Linfen City, Shanxi Province, 041000, P. R. China		Nationality China	Date March 31 2022 Rev.:5 of : 10
Cur	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions Thick-ness mm Ø mm
1	2	3	4	5	6a 6b 7a 7b 8a 8b
<b>2. Materials according to the AD 2000-Code</b>					
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.					
4	1.4301, 1.4306, 1.4307, 1.4401, 1.4404, 1.4571, 1.4438, 1.4541, 1.4550, 1.4311	EN10028-7	+AT	Plates, sheets, and Strips Hot rolled Cold rolled	3 100 0.3 8
5	1.4948	EN10028-7	+AT	Plates, sheets, and Strips Hot rolled Cold rolled	3 100 0.3 8
6	1.4301, 1.4306, 1.4307	EN10028-7	+AT	Plates, sheets, and Strips Hot rolled Cold rolled	2 100 0.3 8
<b>Remarks</b>		+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed		+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved	
				a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary	
				Product shall be according to the requirement of the order. If the thickness exceed the scope of EN 10028-7 for Cur. 4, 5 and 6	
				AD 2000-W2/W10 AD 2000-W2 AD 2000-W2/W10	
				Technical Specifications Requirements Technical Regulations	
				Weight max 1=t / 2=kg ↓ res ult	
				Remarks 	

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)			
Company Name: Shanxi Taigang Stainless Steel Precision Strip Co., Ltd.		Manufacturer		Nationality	Page No..			
Location: No.2, Central North Street, Shanxi Demonstration Zone, Taiyuan		Work		Date	TÜV Rheinland Industrie Service GmbH			
City, Shanxi Province ,030006, P.R. China		Same as left		March 31 2022 Rev.:5 of : 10				
Cur	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions	Weight max	Technical Specifications Requirements	Remarks
1	2	3	4	5	6a 6b 7a 7b	8a 8b	9	10

**2. Materials according to the AD 2000-Code**

The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.


7	1.4301, 1.4307, 1.4401, 1.4404	EN10028-7	+AT/+AR	Cold rolled strip	0.05	0.8	AD 2000-W2/W10
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<b>Remarks</b>	+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed	+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved	a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary
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Scope according to <input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3		<input type="checkbox"/> EN 764-4		<input checked="" type="checkbox"/> AD 2000-Merkblatt W0		<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)	
Manufacturer Company Name: Shanxi Taigang Stainless Steel Co., Ltd. Location: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China				Work Plant 1: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China Plant 2: No.3 Qiaodong Street, Linfen City, Shanxi Province, 041000, P. R. China			
Cur	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions		Technical Specifications
					Thick-ness mm	Ø mm	
1	2	3	4	5	6a	7a	9
					from to	from to	
					Up to	Up to	
					6a	7a	
					6b	7b	
					8a	8b	
					1-t / 2=kg	res ult	10
<b>3. Materials according to international standards ( e. g. ASTM, ASME, IBR etc. )</b>							
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code res pectively the PED must be observed for the use of material grades listed in column 2 to 4.							
8	304L, 305, 310S, 316, 316L, 316Ti, 317, 317L, 321, 347, 304H	ASME SA240 / ASTM A240	+AT	Plates, sheets, and Strips Hot rolled Cold rolled	3 100 0.3		ASME SA240 / ASTM A240
9	405, 430, 409, 410S, 410	ASME SA240 / ASTM A240	+S	Plates, sheets, and Strips Hot rolled Cold rolled	3 100 0.3		ASME SA240 / ASTM A240
10	301, 302, 304	ASME SA240 / ASTM A240	+AT	Plates, sheets, and Strips Hot rolled Cold rolled	2 100 0.3		ASME SA240 / ASTM A240
<b>Results</b> +AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed		+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved		a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary			

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3 Manufacturer		<input type="checkbox"/> EN 764-4 Work		<input checked="" type="checkbox"/> AD 2000-Merkblatt W0 Nationality		<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)			
Company Name: Shanxi Taigang Stainless Steel Co., Ltd. Location: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China		Plant 1: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China Plant 2: No.3 Qiaodong Street, Linfen City, Shanxi Province, 041000, P. R. China		March 31 2022 Rev.:5		6 of: 10		TÜV Rheinland Industrie Service GmbH			
Cur	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions			Weight max	Technical Specifications Requirements	Remarks	
					Thick-ness mm	Ø	mm				
1	2	3	4	5	fro m	Up to	from	Up to	1=t / 2=kg	 10	
					6a	6b	7a	7b	8a		8b
<b>3. Materials according to international standards ( e. g. ASTM, ASME, IBR etc. )</b>											
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively, the PED must be observed for the use of material grades listed in column 2 to 4.											
11	Gr.60, Gr.65, Gr.70	ASME SA516 / ASTM A516	+N	Hot rolled Plates	6	40				ASME SA516 / ASTM A516	a
12	Gr.11, Gr.12, Gr.22, Gr.91	ASME SA387 / ASTM A387	+N	Hot rolled Plates	6	40				ASME SA387 / ASTM A387	a
13	S32101, S31803, S32205, S32304 S32750	ASME SA240 / ASTM A240	+AT	Hot rolled Plates	6	65				ASME SA240 / ASTM A240	a
14	S41500	ASME SA240 / ASTM A240	+AT	Hot rolled Plates	10	120				ASME SA240 / ASTM A240	a
<b>Results</b>		+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed		+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved		a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary					

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3 Manufacturer		<input type="checkbox"/> EN 764-4 Work		<input checked="" type="checkbox"/> AD 2000-Merkblatt W0 Nationality: China Date: March 31 2022 Rev.: 5 of: 10		<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)		Page No.: 7 TÜV Rheinland Industrie Service GmbH				
Company Name: Shanxi Taigang Stainless Steel Co., Ltd. Location: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China		Plant 1: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China Plant 2: No.3 Qiaodong Street, Linfen City, Shanxi Province, 041000, P. R. China		Article Type of Product		Dimensions Thick-ness mm from to Up to		Weight max 1=t / 2=kg ↓ res ult		Technical Specifications Requirements Technical Regulations		Remarks		
Cur -		Materials-term Materials-No.		Delivery Cond.		6a 6b 7a 7b		8a 8b		9		10		
1		3		4		5		6		7		8		
<b>3. Materials according to international standards ( e.g. ASTM, ASME, IBR etc. )</b>														
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.														
15	Gr.G	ASME SA414 / ASTM A414	+AR	Sheets, strips Hot rolled	2	6					ASME SA414 / ASTM A414	a		
16	SUS301, SUS302, SUS304, SUS304L, SUS305, SUS310S, SUS316, SUS316L, SUS316Ti, SUS317, SUS317L, SUS321, SUS347	JIS G4304 JIS G4305	+AT	Plates, sheets, and Strips Hot rolled Cold rolled	3	100	0.3	8			JIS G4304 JIS G4305	a		
17	SUS403, SUS405, SUS430, SUS410S, SUS410, SUS420J1	JIS G4304 JIS G4305	+S	Plates, sheets, and Strips Hot rolled Cold rolled	3	100	0.3	8			JIS G4304 JIS G4305	a		
<b>Results</b>		+AT = solution annealed		+NT = normalized and tempered		+QT = quenched and tempered		+S = soft annealed		+SR = stress relieved		a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary		

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3		<input type="checkbox"/> EN 764-4		<input checked="" type="checkbox"/> AD 2000-Merkblatt W0		<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)	
Company Name: Shanxi Taigang Stainless Steel Co., Ltd. Location: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P. R. China		Manufacturer		Work		Nationality		Page No..	
Plant 1: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China Plant 2: No.3 Qiaodong Street, Linfen City, Shanxi Province, 041000, P. R. China		Delivery Cond.		Article Type of Product		Dimensions		Date	
Material Specification		3		5		Thick-ness mm		March 31 2022	
Material Specification		4		6a		from		Rev.:5	
Material Specification		4		6b		Up to		of : 10	
Material Specification		4		7a		from		TUV Rheinland Industrie Service GmbH	
Material Specification		4		7b		Up to		10	
Material Specification		4		8a		from		10	
Material Specification		4		8b		Up to		10	
<p><b>3. Materials according to international standards ( e. g. ASTM, ASME, IBR etc. )</b></p> <p>The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.</p>									
18	SUH409L	JIS G4312	+AT	Plates, sheets, and Strips Hot rolled Cold rolled	3 0.3	10 8		JIS G4312	a
19	4130,4140	ASTM A322	+AR	Hot-forged bar Round Squares	120X120	160X160	100	250	ASTM A322 ASTM A322
20	4130,4140	ASTM A322	+AR	Hot-rolled bar Squares Round-Cornered Squares	120X120 120X120 200X200	160X160 200X200			ASTM A322 ASTM A322
<b>Results</b>		+AT = solution annealed	+NT = normalized and tempered						a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary
		+AR = as rolled	+QT = quenched and tempered						
		+M = thermo mechanical treated	+S = soft annealed						
		+N = normalized or normalizing formed	+SR = stress relieved						

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	EN 764-4		<input type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)		
Company Name: Shanxi Taigang Stainless Steel Co., Ltd.		Work		Nationality	Date	Page No..		
Location: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China		Plant 1: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China		China	March 31 2022	9		
Province, 030003, P.R. China		Plant 2: No.3 Qiaodong Street, Linfen City, Shanxi Province, 041000, P. R. China			Rev.:5	of : 10		
Cur	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions	Weight max	Technical Specifications	Remarks
					Thick-ness mm	1=t / 2=kg	Requirements Technical Regulations	
					from Up to	↓ res ult		
1	2	3	4	5	6a 6b 7a 7b	8a 8b	9	10
<b>3. Materials according to international standards ( e. g. ASTM, ASME, IBR etc. )</b>								
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.								
21	304,316L	ASTM A276	+AT	Hot-forged bar Round Squares	120X120 360X360	100 360	ASTM A276	a
22	304,316L	ASTM A276	+AT	Hot-rolled bar Squares	150X150 550X550		ASTM A276	a
23	410	ASTM A276	+S	Hot-forged bar Round Squares Rectangular	120X120 (100~350) X(100~350)	100 360	ASTM A276	a
<b>Results</b>	+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed	+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved						a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary





Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	EN 764-4		<input type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> Regulation (EU) No. 305/2011(System 2+)		
Company Name: Shanxi Taigang Stainless Steel Co., Ltd. Location: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China		Manufacturer		Work				
Plant 1: No.2 Jiancaoping Street, Taiyuan City, Shanxi Province, 030003, P.R. China Plant 2: No.3 Qiaodong Street, Linfen City, Shanxi Province, 041000, P. R. China		Delivery Cond.		Nationality				
Materials-term Materials-No.		Material Specification		Date				
Cur		Article Type of Product		Technical Specifications				
1		3		March 31 2022				
2		4		Rev.:5 of : 10				
3. Materials according to international standards ( e. g. ASTM, ASME, IBR etc. )		5		100				
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.								
24	410	ASTM A276	+S	Hot-forged bar Squares	150X150	550X550	ASTM A276	a
Results		+AT = solution annealed	+NT = normalized and tempered					a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary
		+AR = as rolled	+QT = quenched and tempered					
		+M = thermo mechanical treated	+S = soft annealed					
		+N = normalized or normalizing formed	+SR = stress relieved					

