

# Certificate

## Quality-Assurance System for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.:

01 2627 IN/M1-230006.00

Name and address  
of the manufacturer:

**S.S. STEEL INDUSTRY**  
**VILLAGE – CHANALON, TOHRA ROAD, SIRHIND**  
**CITY (PUNJAB) - 140406**  
**India**

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, point 4.3, with regard to the materials as listed in the scope of approval.

Tested acc. to  
Directive 2014/68/EU:

**QM System acc. to EN 764-5, Clause 4.2 and AD 2000-Merkblatt W0**

Assessment report no.:

146618712 Rev. 0

Area of validity:

Manufacture of Alloy steel ingots, Steel castings, Rolled rounds, Flats, Square bars, see Annex to certificate

Manufacturing plant:

**S.S. STEEL INDUSTRY**  
**VILLAGE – CHANALON, TOHRA ROAD, SIRHIND**  
**CITY (PUNJAB) - 140406**  
**India**

Period of validity:

20.02.2024 – 19.02.2027

Audit date: 18.08.2023



Zabrze, 20.02.2024

*Wojciech Szalek*  
Wojciech Szalek

TÜV Rheinland Polska Sp. z o.o.  
Certification Body for Material Manufacturers  
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e-mail: post@pl.tuv.com


T6-MS-0038294 rev. 2

Scope according to:		<input checked="" type="checkbox"/> Directive 2014/68/EU, Annex I, point 4.3		<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0	
Manufacturer		Work		Country	Date
Company name: <b>S.S. STEEL INDUSTRY</b>		<b>VILLAGE- CHANALON,</b>		<b>India</b>	20.02.2024
Location: <b>SIRHIND CITY (PUNJAB)</b>		<b>TOHRA ROAD, SIRHIND CITY (PUNJAB)- 140406</b>			Rev.: 0
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Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dimensions				Weight max.		Technical specifications Requirements Technical regulations	Remarks
					Thickness mm		Ø mm		1=t 2=kg ↓	result		
					from	up to	from	up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10

### 1. Materials according to the AD 2000 Code

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.

1	21CrMoV5-7 (1.7709)	EN 10269	+S	Casted Ingot	100	760	310	520	2	7000	AD 2000 W7	
2	25CrMo4 (1.7218), 42CrMo4 (1.7225)	EN 10269	+AR, +S	Rolled Product	12	180	-	-	2	1000	AD 2000 W7	
				Forged Product	150	450	140	450	2	6000		
3	C35E (1.1181)	EN 10269	+N, +QT								AD 2000 W7	
4	X10CrMoVNb9-1 (1.4903)	EN 10222-2	+NT, +AR								AD 2000 W13	

Remarks: +AT = solution annealed    +N = normalized or normalizing formed    +S = soft annealed  
 +AR = as rolled    +NT = normalized and tempered    +SR = stress relieved  
 +M = thermomechanical treated    +QT = quenched and tempered    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, point 4.3		<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0	
Manufacturer		Work		Country	Date
Company name: <b>S.S. STEEL INDUSTRY</b>		<b>VILLAGE- CHANALON,</b>		<b>India</b>	20.02.2024
Location: <b>SIRHIND CITY (PUNJAB)</b>		<b>TOHRA ROAD, SIRHIND CITY</b>			Rev.: 0
		<b>(PUNJAB)- 140406</b>			Page no. <b>2</b> of 3
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1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10

## 2. Materials according to international standards (e.g. ASTM, ASME, IBR, etc.)

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.

5	SS-410, SS-420	ASTM A 276/473	+S										
6	SS-431	ASTM A 276/479	+S, +QT										
7	SS-416	ASTM A473	+S	Casted Ingot	100	760	310	520	2	7000			
8	4130/4340/4145/4140	ASTM A29	+AR	Rolled Product	12	180	-	-	2	1000			
9	F1/F5/F9/F11/F12/F22	ASTM A182	+NT, +S	Forged Product	150	450	140	450	2	6000			
	F91	ASTM A182	+NT										
10	LF2	ASTM A350	+AR, +N										
11	A105	A105	+AR, +N										



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T7-MS-0038294 rev. 2

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1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10

### 3. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU

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.

12	X12Cr13 (1.4006), X17CrNi16-2 (1.4057)	EN 10272	+S									
13	34CrNiMo6 (1.6582)	EN 10269	+AR,+S									
14	34CrNiMo6 (1.6582), 51CrV4 (1.8159), 42CrMo4 (1.7225), 50CrMo4(1.7228), 25CrMo4 (1.7218)	EN 10083-3	+AR, +S	Casted Ingot	100	760	310	520	2	7000		
				Rolled Product	12	180	-	-	2	1000		
15	27MnCrB5-2 (1.7182)	EN 10083-3	+AR,+QT	Forged Product	150	450	140	450	2	6000		
15												



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