

CERTIFICATE

Quality-Assurance System for Manufacturer of Materials acc. to Directive 2014/68/EU and AD 2000-Merkblatt W0

Certificate no.: 01 2526 QM/M1-230019.00

Name and address
of the manufacturer: **PAO Severstal**
Mira str. 30, 162608 Cherepovets,
Vologda Region, Russian Federation

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**
AD2000-Merkblatt W0

Assessment report no.: 01 2526 QM/M1-230019.00

Area of validity: Manufacturing of hot rolled coils and plates from carbon and low alloy steels
See Annex to certificate

Manufacturing plant: **PAO Severstal**
Mira str. 30, 162608 Cherepovets,
Vologda Region, Russian Federation

This certificate is valid until: **August 2026**

Information about previous
Certificates: Certificate no. 01 202 H/Q-10 4512, NoBo No. 0035
TÜV Rheinland Industrie Service GmbH, 21.07.2020

Budapest, 31.08.2023



Head of Certification Body
Pecznyik Valéria


Annex to Certificate no.: 01 2526 QM/M1-230019.00

Scope according to:

Directive 2014/68/EU, Annex I, point 4.3

AD 2000-Merkblatt W 0

Manufacturer		Work		Country		Date		Page 1 of 3	ECM European Certification Service of Management Systems Ltd.
Company name: PAO Severstal Location: Mira str. 30, 162608 Cherepovets, Vologda Region		Mira str. 30, 162608 Cherepovets Vologda Region		Russian Federation		31.08.2023			
						Rev. 0			

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 U	result		
					from	up to	from	up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10

1. 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.

1.1	P245GH, P280GH, P305GH	EN 10222-2	+AR	Continuous casting slabs	150	315	1600	2500			EN 10025-1	-
1.2	P235GH, P265GH, P295GH, P355GH	EN 10028-2	+AR	Continuous casting slabs	150	315	1600	2500			EN 10025-1	-
1.3	P275NH, P275NL1, P275NL2, P355N, P355NH, P355NL1, P355NL2	EN 10028-3	+AR	Continuous casting slabs	150	315	1600	2500			EN 10025-1	-
1.4	P460NH, P460NL1, P460NL2	EN 10028-3	+AR	Continuous casting slabs	150	315	1600	2500			EN 10025-1	-
1.5	P235GH, P265GH, P295GH, P355GH	EN 10028-2	+N	Plates	8	12	600	2000			EN 10025-1	Mill "2000" Length up to 12 m
1.6	P275NH, P275NL1, P275NL2, P355N, P355NH, P355NL1, P355NL2	EN 10028-3	+N	Plates	8	12	600	2000			EN 10025-1	Mill "2000" Length up to 12 m
1.7	P235GH, P265GH, P295GH, P355GH	EN 10028-2	+N	Plates	8	50	1400	2800			EN 10025-1	Mill "2000" Length up to 12 m
1.8	P275NH, P275NL1, P275NL2, P355N, P355NH, P355NL1, P355NL2	EN 10028-3	+N	Plates	8	50	1400	2800			EN 10025-1	Mill "2000" Length up to 12 m
1.9	X7Ni9	EN 10028-4	+QT	Plates	8	50	1400	2800			EN 10025-1	Mill "2000" Length up to 12 m

Explanation:	+AT = solution annealed	+M = thermomechanically formed	+NT = normalized and tempered	+A = soft annealed	a = PMA for the use in pressure equipment in Directive 2014/68/EU
	+U = Untreated	+AR = as rolled	+N = normalized or normalized formed	+SR = stress relieved	
	AW = As welded	NP = Full pipe normalized	NW = Normalised weld zone		

Annex to Certificate no.: 01 2526 QM/M1-230019.00

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 Company name: PAO Severstal Location: Mira str. 30, 162608 Cherepovets, Vologda Region		Work Mira str. 30, 162608 Cherepovets, Vologda Region	Country Russian Federation
			Date 31.08.2023 Rev. 0
			Page 2 of 3
ECM European Certification Service of Management Systems Ltd.			

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1.10	S235JR, S235JO, S235J2, S275JR, S275JO, S275J2, S355JR, S355JO, S355J2, S355K2	EN 10025-2	+AR	Continuous casting slabs	150	315	1600	2500			EN 10025-1	-
1.11	S275N, S275NL, S355N, S355NL	EN 10025-3	+AR	Continuous casting slabs	150	315	1600	2500			EN 10025-1	
1.12	S235JR, S235J2, S275JR, S275J2, S355J2	EN 10025-2	+AR, +M	Coils, sheets	1,5	16	930	1835			EN 10025-1	-

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			Page 3 of 3 ECM European Certification Service of Management Systems Ltd.

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2. 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.

2.1	S235JR, S235J2, S275JR, S275J2, S355J2, S355K2	EN 10025-2	+AR ¹⁾ , +M	Plates	8	12	600	2000			AD 2000 W 1	Mill "2000" Length up to 12 m ¹⁾ +AR for S235JR, 275JR
2.2	P235GH, P265GH, P295GH, P355GH	EN 10028-2	+N	Plates	8	12	600	2000			AD 2000 W 1	Mill "2000" Length up to 12 m
2.3	S235JR, S235J2, S275JR, S275J2, S355J2, S355K2	EN 10025-2	+AR ¹⁾ , +M	Plates	8	50	1400	2800			AD 2000 W 1	Mill "2800" Length up to 12 m ¹⁾ +AR for S235JR, 275JR
2.4	P235GH, P265GH, P295GH ¹⁾ , P355GH ¹⁾	EN 10028-2	+N	Plates	8	50	1400	2800			AD 2000 W 1	Mill "2800" Length up to 12 m ¹⁾ For thicknesses >30 mm with EN 10204 3.2 certificates
2.5	S235JR, S235J2, S275JR, S275J2, S355J2	EN 10025-2	+N	Coils, sheets	1	16	930	1835			AD 2000 W 1	-

Explanation:	+AT = solution annealed	+M = thermomechanically formed	+NT = normalized and tempered	+A = soft annealed	a = PMA for the use in pressure equipment in Directive 2014/68/EU
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