

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.

AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0

Zertifikat-Nr. / Certificate No.:

0045/202/1326/WZ/0613/23

Zertifikat-Nr. / Certificate No.:

07/203/1326/WP/0613/23

Firma / Company: CENTRAVIS PRODUCTION UKRAINE PJSC

Ort / Location: UA-53201 Nikopol, 56 Trubnikov Avenue / manufacturing place A  
UA-88006 Uzhhorod, 20 Gagarin Street / manufacturing place B

Datum / Date: 2023-08-22 / Hee

AZ / File No.: 1326WL061330

SAP-No.: 8121250149



Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfgrundlagen Test specifications	Bemerkungen Remarks
					Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
1.1	Austenitic steels acc. to Table 2 without: 1.4335, 1.4439 1.4563 1.4558	EN 10216-5	+AT	Seamless tubes,hot finished Seamless tubes,cold finished	3,05 - 48,0 0,7 - 12,0 0,7 - 2,0	56,0 - 250,0 (A) 6,0 - 114,3 (A) 6,0 - 13,0 (B)	Directive 2014/68/EU EN 13445-2, EN 13480-2 EN 12952-2, EN 12953-2	VdTÜV-Approvals passed with report: a) Material 1.4462 / VdTÜV-MDS 418 TÜV NORD File : 1326W120850 b) Material 1.4952 / VdTÜV-MDS 546 TÜV NORD File : 1326W137600 c) Material 1.4908 / VdTÜV-MDS 547 TÜV NORD File : 1326W134690 d) Material 1.4907 / VdTÜV-MDS 550 TÜV NORD File : 1326W137500  <u>All dimensions :</u> Limits of standard in column 3 have to be considered and prevail.  *) Inspection certificate EN 10204 acc. to AD 2000-W2, clause 6.2.1, for WT ≤ 5,6 mm type 3.1 and for WT > 5,6 mm type 3.2.  The manufacturer has technological ability and experience in production of analogue steel grades according other specification, e. g. EN, ASTM, ASME, JIS, GOST. For application of those steel grade under the PED 2014/68/EU or code AD 2000 an special approval issued as PMA (Particular Material Appraisal) must be agreed with the manufacturer of the pressure equipment.
1.2	Austenitic steels acc. to Table 3 without 1.4940  1.4918 only in followig limits	EN 10216-5	+AT  +AT	Seamless tubes,hot finished Seamless tubes,cold finished	3,05 - 35,0 0,7 - 12,0 0,7 - 2,0 4,0 - 8,0	56,0 - 250,0 (A) 6,0 - 114,3 (A) 6,0 - 13,0 (B) 32,0 - 38,1 (A)		
1.3	Austenitic-ferritic steels (duplex) 1.4462, 1.4362, 1.4410 1.4501	EN 10216-5	+AT	Seamless tubes,hot finished Seamless tubes,cold finished	3,05 - 23,1 0,7 - 12,0 0,7 - 2,0	56,0 - 219,08 (A) 6,0 - 114,3 (A) 6,0 - 13,0 (B)		
2.1	Austenitic steels 1.4301, 1.4306, 1.4307 1.4541, 1.4401, 1.4550, 1.4404, 1.4571, 1.4436, 1.4435, 1.4580, 1.4311, 1.4429	EN 10216-5 Table 2	+AT	Seamless tubes,hot finished Seamless tubes,cold finished	3,05 - 48,0 0,7 - 12,0 0,7 - 2,0	56,0 - 250,0 (A) 6,0 - 114,3 (A) 6,0 - 13,0 (B)	AD 2000-W2, W10 *)	
2.2	Austenitic steels 1.4910, 1.4941, 1.4948 1.4958, 1.4959, 1.4961 1.4981, 1.4988, 1.4912 1.4952, 1.4907, 1.4908	EN 10216-5 Table 3	+AT	Seamless tubes,hot finished Seamless tubes,cold finished	3,05 - 35,0 0,7 - 12,0 0,7 - 2,0 0,7 - 12,5 0,7 - 2,0	56,0 - 250,0 (A) 6,0 - 114,3 (A) 6,0 - 13,0 (B) 6,0 - 80,0 (A) 6,0 - 13,0 (B)	AD 2000-W2, W10 *)  VdTÜV-MDS:546,547,550	

\* +AT = Lösungsgeglüht / 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 = spannungsarmgeglüht / stress relieved, +A = weichgeglüht / soft annealed, +CR = kaltgewalzt / cold rolled

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.
- AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0

Zertifikat-Nr. / Certificate No.:

0045/202/1326/WZ/0613/23

Zertifikat-Nr. / Certificate No.:

07/203/1326/WP/0613/23

Firma / Company: CENTRAVIS PRODUCTION UKRAINE PJSC

Ort / Location: UA-53201 Nikopol, 56 Trubnikov Avenue / manufacturing place A  
UA-88006 Uzhhorod, 20 Gagarin Street / manufacturing place B

Datum / Date: 2023-08-22 / Hee

AZ / File No.: 1326WL061330  
SAP-No.: 8121250149



Nr. No.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions		Prüfgrundlagen Test specifications	Bemerkungen Remarks
					Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [kg]		
2.3	Duplex-Steel 1.4462	DIN EN 10216-5	+AT	Seamless tubes, hot and cold finished	0,5 - 8,0	4,0 - 140,0 (A)	AD 2000-W2, W10 *) VdTÜV-MDS: 418	
				Seamless tubes,cold finished	0,7 - 2,02	6,0 - 13,0 (B)		
	1.4510			Seamless tubes,cold finished	0,7 - 3,2	6,0 - 48,0 (A)	PMA by 3.2.1 AD 2000-W0 AD 2000-W2, W10 *)	
				Seamless tubes,cold finished	0,7 - 2,0	6,0 - 13,0 (B)		
2.4	Corrosion resistant steels 1.4505, 1.4577	SEW 400	+AT	Seamless tubes,hot finished	3,05 - 20,0	56,0 - 168,3 (A)		
				Seamless tubes,cold finished	0,7 - 12,0	6,0 - 114,3 (A)		
				Seamless tubes,cold finished	0,8 - 2,0	6,0 - 13,0 (B)		

\* +AT = Lösungsgeglüht / 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 = spannungsarmgeglüht / stress relieved, +A = weichgeglüht / soft annealed, +CR = kaltgewalzt / cold rolled