

# CERTIFICATE

**Quality-Assurance System for material manufacturer  
according to directive 2014/68/EU**

**Certificate no.: QS-TUVNORD-2022/2461**

**Name and address  
of manufacturer:**

**Özkan Demir Çelik Sanayi A.Ş.  
Bozköy Köyü 13.Cad. No:4 35800 Aliğa / İZMİR**

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 within the scope of approval.

Approved acc. to directive  
2014/68/EU:

**QA-System in relation to materials,  
EN 764-5, section 4.2, and AD 2000-Merkblatt W0**

Certification file no:

**2125630787**

Audit report file no:

**RP-QS-TUVNORD-2022/2460**

Scope of approval:  
(product / material)

**Production of hot rolled long products**

Production site:

**Bozköy Mahallesi 13.Cad. No:4 35800 Aliğa / İZMİR**

The certificate is valid until:

**17.05.2025**

only valid with a certificate in force acc. to EN ISO 9001

**Istanbul , 18.09.2023**

Certifier for Pressure Equipment of  
TÜV NORD Turkey Teknik Kontrol ve  
Belgelendirme A.Ş.

**SEPHAN ZURNACI**

Annex: scope of approval



**Basınçlı Kaplar Yönetmeliği 2014/68/EU EK 1 Bölüm 4.3 ve / veya AD 2000-Guideline W0'a Göre Malzeme Üretici Onay Kapsamı**

**Scope Of Approval For Material Manufacturer According to 2014/68/EU,Annex 1 Section 4.3 and / or AD 2000-Guideline W0**

				<u>Sertifika Eki / Annex to Certificate</u>		Tarih/ Date :	
Firma/firm:				Report-Nr.:	2125630787		17.5.2022
Yer / place:				Certificate Nr:	RP-QS-TUVNORD-2022/2460		Order Nr:
						2125630787	
Nu.	Malzeme İsimlendirmesi	Spesifikasyon	Kondisyon	Malzeme Formu	Ölçü / Dimension	Teknik Gereksinimler	Bulgu
No.	Material Name	Specification	Condition	Product Form	[kg]	Technical Requirements	Remarks
1	2	3	4	5	6	7	8
1	Production of hot rolled long products materials according to Pressure Equipment Directive Annex I sec. 4.3 and AD 2000-Guideline W0						
							The following inspection certificates according to DIN EN 10204 are required for the mechanical properties;
1.1	P235GH	EN 10028-2,EN 10273	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.1, input material for W9,W13
1.2	P250GH	EN 10273	+N	Hot Rolled	15-5001	AD2000 W2	Inspection certificate 3.1, input material for W9,W14
1.3	P265GH	EN 10028-2,EN 10273	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.1, input material for W9,W13
1.4	P295GH	EN 10028-2,EN 10273	+N	Hot Rolled	15-5000	AD2000 W1	≤ 30 mm thick: inspection certificate 3.1, > 30 mm thick: inspection certificate 3.2, input material for W9,W13
1.5	P355GH	EN 10028-2,EN 10273	+N	Hot Rolled	15-5000	AD2000 W1	≤ 30 mm thick: inspection certificate 3.1, > 30 mm thick: inspection certificate 3.2, input material for W9,W13
1.6	16Mo3	EN 10028-2,EN 10273	+QT / V , N	Hot Rolled	15-5000	AD2000 W1	≤ 30 mm thick: inspection certificate 3.1, > 30 mm thick: inspection certificate 3.2, input material for W9,W13
1.7	13CrMo4-5	EN 10028-2	+QT / V , N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2, input material for W9,W13
1.8	12CrMo9-10	EN 10028-2	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2
1.9	S235JR+N	EN 10025-2	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2, input material for W13
1.10	S235J2+N	EN 10025-2	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2, input material for W13
1.11	S275J2+N	EN 10025-2	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2, input material for W13
1.12	ASTM A350 LF1+AR	ASTM A350	+AR	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2
1.13	S355J2+N	EN 10025-2	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2, input material for W13
1.14	S355K2+N	EN 10025-2	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2+W13
1.15	ASTM A350 LF2+AR	ASTM A350	+AR	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2
1.16	P275NH	EN 10028-3	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2, input material for W9,W13
1.17	P275NL1	EN 10028-3	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2
1.18	P275NL2	EN 10028-3	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2
1.19	P355N	EN 10028-3	+N	Hot Rolled	15-5000	AD2000 W1	≤ 30 mm thick: inspection certificate 3.1, > 30 mm thick: inspection certificate 3.2
1.20	P355NH	EN 10028-3,EN 10273	+N	Hot Rolled	15-5000	AD2000 W1	≤ 30 mm thick: inspection certificate 3.1, > 30 mm thick: inspection certificate 3.2, input material for W9,W13
1.21	P355NL1	EN 10028-3	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2
1.22	P355NL2	EN 10028-3	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2
1.23	P460NH	EN 10028-3,EN 10273	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2, input material for W9,W13
1.24	P460NL1	EN 10028-3	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2
1.25	P460NL2	EN 10028-3	+N	Hot Rolled	15-5000	AD2000 W1	Inspection certificate 3.2
1.26	10CrMo9-10	EN 10028-2,EN 10273	+QT / V , N	Hot Rolled	15-5001	AD2000 W1	Inspection certificate 3.2, input material for W9,W13
1.27	11CrNo9-10	EN 10273	+QT / V , N	Hot Rolled	15-5002	AD2000 W1	Inspection certificate 3.2, input material for W9,W13
1.28							



**Basınçlı Kaplar Yönetmeliği 2014/68/EU EK 1 Bölüm 4.3 ve / veya AD 2000-Guideline W0'a Göre Malzeme Üretici Onay Kapsamı**

**Scope Of Approval For Material Manufacturer According to 2014/68/EU,Annex 1 Section 4.3 and / or AD 2000-Guideline W0**

				Sertifika Eki / Annex to Certificate		Tarih/ Date :	17.5.2022
Firma/firm:	Özkan Demir Çelik Sanayi A.Ş.			Report-Nr.:	2125630787		
Yer / place:	Bozköy Mahallesi 13.Cad. No:4 35800 Aliağa / İZMİR			Certificate Nr:	RP-QS-TUVNORD-2022/2460	Order Nr:	2125630787
Nu.	Malzeme İsimlendirmesi	Spesifikasyon	Kondisyon	Malzeme Formu	Ölçü / Dimension	Teknik Gereksinimler	Bulgu
No.	Material Name	Specification	Condition	Product Form	[kg]	Technical Requirements	Remarks
1	2	3	4	5	6	7	8
2	<b>Production of hot rolled long products materials according to Pressure Equipment Directive Annex I sec. 4.3 and AD 2000-Guideline W0</b>						
2.1	C35E	EN 10083-2	+AR, +S, +A, +N	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.2	C40E	EN 10083-2	+AR, +S, +A, +N	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.3	C45E	EN 10083-2	+AR, +S, +A, +N	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.4	25CrMo4	EN 10083-3	+QT/V +AR, +S, +A, +N	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.5	30CrNiMo8	EN 10083-3	+QT/V +AR, +S, +A, +N	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.6	34CrMo4	EN 10083-3	+QT/V +AR, +S, +A, +N	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.7	34CrNiMo6	EN 10083-3	+QT/V +AR, +S, +A, +N	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.8	42CrMo4	EN 10083-3	+QT/V +AR, +S, +A, +N	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.9	41Cr4	EN 10083-3	+QT/V +AR, +S, +A, +N	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.10	30MnB5	EN 10083-3	+QT / V, +AR	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.11	27MnCrB5-2	EN 10083-3	+QT / V, +AR	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.12	33MnCrB5-2	EN 10083-3	+QT / V, +AR	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.13	39NiCrMo3	EN 10083-3	+QT/V +AR, +S, +A, +N	Hot Rolled	15-5000	PED annex I, sec. 4.3	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.
2.14	11CrNo9-10	EN 10273	+QT / V, +N	Hot Rolled	15-5001	PED annex I, sec. 4.4	Certified acc. to PED annex I, sec. 4.3 by TÜV NORD TURKEY Teknik Kontrol ve Belgelendirme A.Ş.

Açıklama / Explanation: +AT / AT = Isıl İşlem/Solution heat treated; N = Normalize/ normalized;  
 NT = Normalize ve Tavlanmış / normalized and annealed; +QT / V = SU verilmiş ve temperlenmiş/ quenched and tempered; M = Sıcak Şekillendirme / thermomechanical treated  
 U = Tavlanmamış / without annealing; S = Gerilim Giderme / stress relieved; A = Soft annealed; CR = Haddeme / controlled hot rolled