



ZERTIFIKAT

Certificate

Die TÜV AUSTRIA TÜRK LTD. ŞTİ. bescheinigt, dass die Firma
The TÜV AUSTRIA TÜRK LTD. ŞTİ. certifies that



BURÇELİK BURSA ÇELİK DÖKÜM SAN. A.Ş.

in / of

Organize Sanayi Bölgesi Yeşil Cad. No: 20

Nilüfer / Bursa / Turkey

geprüft wurde end die Anforderungen nach der
is proved and accords all necessary requirements to

AD 2000-Merkblatt W0

einschließlich der Richtlinie
inclusive of directive

2014/68/EU Annex I, Paragraph 4.3

erfüllt.

Die Betriebsüberprüfung erfolgte am:
Date of audit :

14.11.2019

Der Geltungsbereich und die Einzelheiten der Prüfung sind
Unserem Bericht zu entnehmen
*The range of validity and details of the inspection can be taken from our
Report number:*

19-IS-1632-01

Dieses Zertifikat git für folgende Anwendungsbereiche:
This certificate is valid fort he following products or service ranges:

**Steel Casting for pressure purposes
EN 10213-1:2016 & ASTM (A352 & A 217 & A 487 & A 216 & A 351)
Details of the scope are mentioned in the annex of the certificate**

Gültigkeit bis:
Date of expiry:

13.11.2022

Zertifikat Nr.: 19-IS-1632-TAT-19-AD-1388
Certificate No:

TÜV AUSTIA TÜRK LTD. ŞTİ.
Barbaros Mah. Susuz Sok.No:13/1 PK: 34746 Ataşehir / İstanbul

18 November 2019

Head of Industry MURAT SÜNBÜL
Zeichnungsberechtigter
Authorized to sign



5-Seltungsbereich der Überprüfung als Hersteller von Werkstoffen für Überwachungsbedürftige Anlagen
Scope of the Approval - Manufacturing of Base Material used for Regulated Pressure Equipment

Hersteller/ Manufacturer:	Name: Aral Organize Sanayi Bölgesi San Cad. No.15		Werk/ Plant:		Nationalität/ Country:	Datum/ Date:	Blatt-Nr./ Page No.:	TUV AUSTRIA TURK														
	Strasse/Street:	Ort/City:	Dicke [mm] Thickness von/ from	Durchmesser [mm] Diameter von/ from				Gewicht Weight max. 1 = t 2 = kg	Prüfungsdauer Technical Requirements	TUV-Nr./ No.												
lfd. Nr./ No.	Werkstoffbezeichnung/ Material Name Werkstoff-Nr./ Material No.	Werkstoff- Spezifikation Material Specification Art/Spec.	Liefer- zustand Delivery Condition*	Prüfgegenstand Erzeugnisform / Production Form Begriff / Name	Abmessungen Dimensions Dicke [mm] Thickness von/ from	Durchmesser [mm] Diameter von/ from	Gewicht Weight max. 1 = t 2 = kg	Prüfungsdauer Technical Requirements	Bemerkungen Notes													
1	2	3a	4	5	6a	7	8a	9a	9b	01	03	04	05	06	07	08	09	10	11	12	1	5
1	GX 4 Cr Ni 13-4(1.4317)	EN10213-1	QT	Casting				AD2000 W5/PED		Certified acc.to PED annex I, sec 4.3 by TUV AUSTRIA TURK. The specific operation conditions have to be given by the pressure equipment manufacturer. If necessary, the involved notified body has to give his agreement.**GX5CrNiMo 19-11-2 (1.4408)-3.2 inspection certificate required, if single weight above 200 kg **P240GH (1.0619)-3.2 inspection certificate required, if single weight above 500 kg ***GX4CrNi13-4 (1.4317)-3.2 inspection certificate required with AD2000 Merkblatt W5 requirement												
2	P240GH(1.0619)	EN10213-1	N	Casting				AD2000 W5/PED		For the use of acc.to column 12 to 16 th eregulation and limits of respective standards have to be observed. The specific material operating conditions equipment manufacturer or respectively by TUV-AUSTRIA TURK.												
3	GX5 CrNiMo 19-11-2(1.4408)	EN10213-1	Q	Casting				AD2000 W5/PED														
4	G17CrMo 5-5(1.7357)	EN10213-1	QT	Casting				PED														
5	G17Mn5(1.1131)	EN10213-1	QT	Casting				PED														
6	GX2CrNi19-11(1.4309)	EN10213-1	Q	Casting				PED														
7	GX2 CrNiMo 19-11-2(1.4408)	EN10213-1	Q	Casting				PED														
8	GX5 CrNi 19-10(1.4308)	EN10213-1	Q	Casting				PED														
9	GX5 CrNiNb 19-11 (1.4552)	EN10213-1	Q	Casting				PED														
10	G17 CrMo 19-10(1.7379)	EN10213-1	QT	Casting				PED														
11	G20Mn5(1.6220)	EN10213-1	N/QT	Casting				PED														
12	LCC,LCB	ASTM A 352	QT	Casting				PED														
13	WC5,WCC9	ASTM A 217	NT	Casting				PED														
14	CA 6 NM	ASTM A 487	QT	Casting				PED														
15	WC8,WCC	ASTM A 216	N/NT	Casting				PED														
16	CF8M , CF8,CF3M,CF8C	ASTM A 351	Q	Casting				PED														



A-Nr. / Order No.: 19-IS-1632-01 for
PED Annex 1 4.3 AND AD 2000 W0 certification
dated 14.11.2019

Erläuterungen / Notes: A = Lösungsgeglüht und abgeschreckt/solution annealed and quenched L = Lösungsgeglüht/solution annealed N = Normalgeglüht / normalized S = Spannungsarmgeglüht/stress relieved TM = Thermomech. behandelt/thermomech. treated U = Ungelüht/hot annealed V = Vergütet/quenched and tempered CR = Temperaturgeglüht warmungeformt/temperature controlled hot formed (controlled rolled) G = Weichgeglüht/annealed a = Werkstoffbezeichnung in Spalte 11/material designation in column 11 b = Lieferzustand in Spalte 11 / delivery condition in column 11 c = Prüfgegenstand in Spalte 11 / object in column 11 d = Abmessung in den Technischen Regeln / dimensions acc. to technical rules e = Gewicht in den Technischen Regeln / weight acc. to technical rules f = Nr. der Technischen Regeln in Spalte 11/No. of the technical rules in column 11