

# ZERTIFIKAT

Certificate

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

**TÜV**  
AUSTRIA

**BURÇELİK BURSA ÇELİK DÖKÜM SAN. A.Ş.**

in / of

**Organize Sanayi Bölgesi Yeşil Cad. No: 20**

**Nilüfer / Bursa / Turkey**

geprüft wurde und 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 :

**10.03.2024**

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:

**22-IS-1108**

Dieses Zertifikat gilt für folgende Anwendungsbereiche:  
This certificate is valid for the 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:

**09.03.2025**

**Zertifikat Nr.: 22-IS-1108-TAT-24-COC-0329**  
**Certificate No:**

TÜV AUSTRIA TÜRK LTD. ŞTİ.  
Çamlık Mh. Dinç Sk. No:28 Ümraniye/İSTANBUL

HAKİM ÖZLÜK  
Zeichnungsberechtigter  
Authorized to sign

5-Beitungsbereich 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 Sarı Cad. No:15		Werk-/ Plant:		Nationalität/ Country:		Datum/ Date:		Blatt-Nr./ Page No.:		TUV AUSTRIA TURK											
	Ort/City: BURSA		Plant: TURKEY		Country: TURKEY		Date: 14.11.2019		Page No.: 1 von / of		TUV-Nr./ No.	01	03	04	05	06	07	08	09	11	12	1
Werkstoffbezeichnung/ Material Name Werkstoff-Nr./ Material No.	Werkstoff- Spezifikation Material Specification	Liefer- zustand Delivery Condition*	Prüfgegenstand Erzeugnisform / Production Form	Abmessungen Dimensions		Gewicht Weight max. 1 = t 2 = kg	Prüfgrundlagen/ Anforderungen Technical Requirements	Datum/ Date:		TUV AUSTRIA TURK												
				Dicke [mm] Thickness von/ from	Durchmesser [mm] Diameter von/ from bis/ to			Art/ Spec.	Nr./ No.	01	03	04	05	06	07	08	09	11	12	1	5	
1	2	3a	3b	5	6a	6b	7	8a	8b	9a	9b	Bemerkungen Notes										
1	GX 4 Cr Ni 13-4(1.4317)	QT	Casting	≤1500 ≤1,5t		8a		8a	8b	9a	9b	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										
2	P240GH(1.0619)	N	Casting	≤1500 ≤1,5t								**P240GH (1.0619)-3.2 inspection certificate required, if single weight above 500 kg										
3	GX5 CrNiMo 19-11-2(1.4408)	Q	Casting	≤1500 ≤1,5t								***GX4CrNi13-4 (1.4317)-3.2 inspection certificate required with AD2000 Merkblatt W5 requirement										
4	G17CrMo 5-5(1.7357)	QT	Casting									For the use of acc.to column 12 to 16 th eregulation and limits of respective standards hav eto be observed. The specific material operating conditions equipment manufacturer or respectively by TUV AUSTRIA TURK.										
5	G17Mn5(1.1131)	QT	Casting									A-Nr. / Order No.: 22-IS-1108-01 for PED Annex 1 4.3 AND AD 2000 W0 certification dated 10.03.2024										
6	GX2CrNi19-11(1.4309)	Q	Casting																			
7	GX2 CrNiMo 19-11-2(1.4408)	Q	Casting																			
8	GX5 CrNi 19-10(1.4308)	Q	Casting																			
9	GX5 CrNiNb 19-11 (1.4552)	Q	Casting																			
10	G17 CrMo 19-10(1.7379)	QT	Casting																			
11	G20Mn5(1.6220)	N/QT	Casting																			
12	LCC,LCB	QT	Casting																			
13	WC5,WCC9	NT	Casting																			
14	CA 6 NM	QT	Casting																			
15	WC8,WCC	N/NT	Casting																			
16	CF8M , CF8,CF3M,CF8C	Q	Casting																			



**Erläuterungen / Notes:** A = Lösungsgelüht und abgeschreckt/solution annealed and quenched L = Lösungsgelüht/solution annealed N = Normalgelüht /normalized S = Spannungsmäßig/stress relieved TM = Thermomech. behandelt/thermomech. treated U = Ungelüht/not annealed V = Vergütet, quenched and tempered CR = Temperaturregelt/warmupregelt/temperature controlled not formed (controlled rolled) G = Weichgelüht /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