

# CERTIFICATE

Quality assurance Systema for Material Manufacturer

according to directive 2014/68/EU  
Certificate No.: 07-202-21256295-2017/02

**Name and address of bearer/  
manufacturer**

Pınar Döküm Sanayi ve Ticaret A.Ş.

Kemalpaşa Cad. No: 326 - 35060 Pınarbaşı / İZMİR -  
TÜRKİYE

This is to certify that the manufacturer has implemented and applies a QA System.  
This QA System has been subjected to a specific assessment for material acc. to Directive  
97/23/EC, annex I, Sec 4.3 and acc. to AD 2000-Merkblatt W0, with regard to the materials  
mentioned within the scope of approval.

Tested according to dir. 2014/68/EU

**QA System acc. to Directive 2014/68/EU Annex I,  
sec. 4.3**

Audit report No.:

**RT -21256295-02**

Scope of Approval:

**Production of Steel Casting and High Alloyed  
Cast Iron Parts and Machining**

Production site

Kemalpaşa Cad. No: 326 - 35060 Pınarbaşı / İZMİR -  
TÜRKİYE

The manufacturer disposes of the essential procedures and equipments as well as the required  
qualified personal to ensure quality of manufacturing and testing the materials and products  
mentioned in the scope of approval.

Legnano, 07.02.2017



**TÜV NORD-Italia S.r.l.**  
Organismo di Certificazione.

**Expiring Date, 06.02.2020**

**Matteotti Ing. Giovanni Battista**  
Organismo Notificato/ Notified Body,2580

**Basınçlı Kaplar Yönetmeliği Onaylanmış Kuruluş ( NoBo 2580)**  
**Notified Body for Pressure Equipment Directive (PED), Reg. No. 2580**

**Basınçlı Kaplar Yönetmeliği 2014/68/EU EK 1 Bölüm 4.3 'e göre malzeme üretici onay kapsamı**  
**Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU, annex I sec. 4.3**

**Sertifika Eki / Annex to Certificate**

**Tarih/ Date : 2/7/2017**

**Firma/firm: Pınar Döküm AŞ**  
**Yer / place: İzmir-Turkey**

**DGRL-Nr.:**  
**ANNEX I sec 4.3-Nr.: RT-21256295-02**

**Dosya / File: 21256295**  
**Dosya / File:**

Nu. No.	Malzeme İsimlendirmesi Material Name	Spesifikasyon Specification	Kondisyon Condition	Malzeme Formu Product Form	Ölçü / Dimension		Teknik Gereksinimler Techn. Requirements	Bulgu / Remarks
					Kalınlık [mm] Thickness	Ø[mm] [kg/t]		
1	2	3	4	5	6	7	8	9
1	GP240GH / 1.0619 (GSC25)	EN 10213	+N +QT	Casting	max.100mm		AD W5	max 450°C
2	GX5CrNiMo 19-11-2 / 1.4408 (AISI316)	EN 10213-4	+AT	Casting	Max.150mm		AD W5	max 300°C
3	GX5CrNi19-10 / 1.4308 (AISI304)	EN 10213-4	+AT	Casting	Max.150mm		AD W5	
9	GP280GH/1.0625	EN 10213-2	+N +QT	Casting	max.100mm		AD W5	max 450°C
10	G17Mn5/1.1131	EN 10293	+QT	Casting	max.50mm		AD W5	
11	G20Mn5/1.6220	EN 10213-2	+N +QT	Casting	0mm(+N)-100mm		AD W5	
12	G18Mo5/1.5422	EN 10213-2	+QT	Casting	max.100mm		AD W5	
13	G20Mo5/1.5419	EN 10213-2	+QT	Casting	max.100mm		AD W5	max 500°C
14	G17CrMo5-5/1.7357	EN 10213-2	+QT	Casting	max.100mm		AD W5	max 550°C
15	G17CrMo9-10/1.7379	EN 10213-2	+QT	Casting	max.150mm		AD W5	max 550°C
16	G12MoCrV5-2/1.7720	EN 10213-2	+QT	Casting	max.100mm		AD W5	max 550°C
17	G17CrMoV5-10/1.7706	EN 10213-2	+QT	Casting	max.150mm		AD W5	max 550°C
18	G9Ni10/1.5636	EN 10213-3	+QT	Casting	max.35mm		AD W5	
19	G17NiCrMo13-6/1.6781	EN 10293	+QT	Casting	max.200mm		AD W5	
20	G9Ni14/1.5638	EN 10293	+QT	Casting	max.35mm		AD W5	
21	GX15CrMo5/1.7365	EN 10213-2	+QT	Casting	Max.150mm		AD W5	max 550°C
22	GX8CrNi12/1.4107	EN 10213-2	+QT1,QT2	Casting	Max.300mm		AD W5	max 400°C
23	GX3CrNi13-4/1.6982	EN 10293	+QT	Casting	Max.400mm		AD W5	
24	GX4CrNi13-4/1.4317	EN 10213-2	+QT	Casting	Max.300mm		AD W5	max 350°C
25	GX23CrMoV12-1/1.4931	EN 10213-2	+QT	Casting	Max.150mm		AD W5	max 550°C
26	GX4CrNiMo16-5-1/1.4405	EN 10213-2	+QT	Casting	Max.300mm		AD W5	max 300°C
27	GX2CrNi19-11/1.4309	EN 10213-4	+AT	Casting	Max.150mm		AD W5	max 350°C
28	GX5CrNiNb19-11/1.4552	EN 10213-4	+AT	Casting	Max.150mm		AD W5	max 550°C
29	GX5CrNiMoNb19-11-2/1.4581	EN 10213-4	+AT	Casting	Max.150mm		AD W5	max 550°C
30	GX2NiCrMo28-20-2/1.4458	EN 10213-4	+AT	Casting	Max.150mm		AD W5	max 400°C
31	GX2CrNiMoN22-5-3/1.4470	EN 10213-4	+AT	Casting	Max.150mm		AD W5	max 200°C
32	GX2CrNiMoCuN25-6-3-3/1.4517	EN 10213-4	+AT	Casting	Max.150mm		AD W5	max 200°C
33	GX2CrNiMoN26-7-4/1.4469	EN 10213-4	+AT	Casting	Max.150mm		AD W5	max 200°C

Certified acc. to PED annex I, sec. 4.3 by the notified body of TÜV NORD Italia S.r.l (Reg. no. 2580). The specific operation conditions have to be given by the pressure equipment manufacturer. If necessary, the involved notified body has to give his agreement.

For the use of acc.to column 1.2 the regulation and limits of respective standards have to be observed.The specific material operating conditions equipment manufacturer or respectively by the Notified Body charge

Açıklama / Explanation: +AT / AT = Isıl İşlem/Solution heat treated; N = Normalize/ normalized;

NT = Normalized 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 = Haddeleme / controlled hot rolled

2014/68/EU'ye göre uyumlaştırılmamış malzemeler için bilgi / Hints for non harmonized materials use acc. to Directive 2014/68/EU :

Basınçlı Kap üreticisinin özel operasyon istekleri bildirilmelidir.Eğer gerekirse sözleşmeye eklenmelidir.

The specific operation conditions have to be given by the pressure equipment manufacturer. If necessary, the involved notified body has give his agreement.

Sayfa 1/1

