

CERTIFICATE

**Quality-assurance System
for Material Manufacturer
acc. to Pressure Equipment Directive 97/23/EC
and AD 2000-Merkblatt W0**

Certificate no.: 07 202 1423 WZ 1217/08

**Name and address
of manufacturer:**

Inovative Technocast Pvt. Ltd.
Survey No. 204, Village: Veraval (Shapar),
District: Rajkot – 360 024,
Gujarat State, India

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 and acc. to AD 2000-Merkblatt W0, with regard to the materials mentioned within the
scope of approval.

Approved:

QA System acc. to Directive 97/23/EC Annex I, sec. 4.3
and AD 2000-Merkblatt W0

Audit report no.:

21336008

Scope of approval:

Valve and Pump Castings
Details of the scope are mentioned in the annex of the
certificate.

Production site:

Survey No. 204, Village: Veraval (Shapar),
District: Rajkot – 360 024,
Gujarat State, India

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

Essen, 19.11.2008



Notified body, registration no. 0045

Remark of validity:

Valid until 11.2011

TÜV NORD Systems GmbH & Co. KG Tel. +49-(0) 201/825-2720
Langemarkstr. 20 Fax +49-(0) 201/825-2858
45141 Essen e-mail AHuebinger@tuev-
Germany nord.de

Member of



Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045

Scope of approval for material manufacturer acc. to Pressure Equipment Directive 97/23/EC, annex I, sec. 4.3 and AD 2000-Merkblatt W0

Annex to the certificate
 PED no : 07 202 1423 WZ 1217 08
 AD 2000-W0 no : 07 202 1423 WP 1217 08

Date : 19.11.2008
 File no : 21336008
 File no : 21336008

Firm : INOVATIVE TECHNOCAST PVT. LTD.
 Place : Survey No.204,
 Village:-Veraval (Shapur), Dist.-RAJKOT-360 024

Item No.	Name of material Material number	Specification	Condition of delivery	Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg.]	Regulations Requirements	Remarks
1	Grade WCB	3	4	5	6	7	8	9
2	Grade WCC	ASTM A 216/A216M	N	Valve and Pump Castings	50mm Wall Thick.	450mm	97/23/EC	In Conjunction with EN 1503-2:2000 Annex page 2 of 2 to cert.No. Particular Material Appraisal
3	Grade LCB	ASTM A 216/A216M	N					
4	Grade LCC	ASTM A 352/A 352M	QT					
5	Grade LC2	ASTM A 352/A 352M	QT					
6	Grade WC6	ASTM A 217/A 217M	NT					
7	Grade CF3	ASTM A 351/A 351M	L					
8	Grade CF8	ASTM A 351/A 351M	L					
9	Grade CF3M	ASTM A 351/A 351M	L					
10	Grade CF8M	ASTM A 351/A 351M	L					
11	Grade CG8M	ASTM A 351/A 351M	L					
12	Grade CF8C	ASTM A 351/A 351M	L					
13	Grade CK3McuN	ASTM A 351/A 351M	L					
14	Grade CA-15	ASTM A 217/A 217M	NT					
15	Grade CD4MCuN	ASTM A 995/A 995M	L					
16	Grade CG3M	ASTM A 351/A 351M	L					
17	Grade CN7M	ASTM A 351/A 351M	L					
18	Grade CD3MN (Gr.4A)	ASTM A 995/A 995M	L					
19	Grade CD3MN (Gr.5A)	ASTM A 995/A 995M	L					
20	Grade CD3MWCuN (Gr.6A)	ASTM A 995/A 995M	L					

U = Not Annealed
 V = Hardened
 CR = Temperature-Regulated Warm-Formed
 SB = Stabilization Treatment
 QT = Quench and Tempered
 T = Tempered

Solution Treated and Tempered
 Solution Treated
 Normalized
 Stress-Free Annealed
 Thermomech. Treated
 Normalized and Tempered

A =
 L =
 N =
 S =
 TM =
 NT =

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Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045

Scope of approval for material manufacturer acc. to Pressure Equipment Directive 97/23/EC, annex I, sec. 4.3 and AD 2000-Merkblatt W0

Systems

Annex to the certificate
 PED no : 07 202 1423 WZ 1217 08
 AD 2000-W0 no : 07 202 1423 WP 1217 08

Firm : INOVATIVE TECHNOCAST PVT. LTD.
 Village:-Veraval (Shapur), Dist:-RAJKOT-360 024

Date : 19.11.2008
 File no : 21336008
 File no : 21336008

Item No.	Name of material Material number	Specification	Condition of delivery	Type of product	Dim. [mm] Thickness	Dim. Ø [mm] Weight [kg. g]	Regulations Requirements	Remarks
1	GP-240 GH	1,0619	4	5	6	7	8	9
2	G17CrMo5-5	1,7357	NQT	Valve and Pump Castings	50mm	450mm	AD 2000 W5 97/23/EC	Annex page 1 of 2 to cert no
3	GX5CrNiMo19-11-2	1,4408	QT					
3	GX5CrNiMoNb19-11-2	1,4581	L					
4	GX2CrNiMoN26-7-4	1,4469	L				97/23/EC	
5	GX2NiMoN22-5-3	1,4470	L					

TUV-CERT

Certification Body for Pressure Equipment
 of TUV NORD Systems GmbH & Co. KG (Essen)

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