

CERTIFICATE

Quality management system for material manufacturer
in accordance with the requirements of
Pressure Equipment Directive 2014/68/EU

Certificate No.: **0045/202/1409/WZ/1053/23**
Name and address
of manufacturer: **INTOLCAST PRIVATE LIMITED**
16,17,19, Anakur Industrial Complex,15 K.M.Rajkot- Gondal
Road,Village-Shapar ,Dist.Rajkot-360024, Gujarat, INDIA.

This is to certify that the manufacturer has implemented and applies a **quality management system in relation to materials**. This QM system has been subject to specific verification in accordance with the requirements of Directive 2014/68/EU, Annex I, point 4.3 in relation to the materials. The manufacturer is entitled to issue certificates of specific tests on materials in accordance with the Pressure Equipment Directive and the underlying technical specifications.

Test specification: **EN 764-5, section 4.2 & AD -2000 WO**
Audit report No.: **812 134 9120**
Range of products: **Investment Castings**
Place of manufacture: **16,17,19, Anakur Industrial Complex,15 K.M.Rajkot- Gondal**
Road,Village-Shapar ,Dist.Rajkot-360024, Gujarat, INDIA
This certificate is valid until: **January 2026**

27.12.2022

Attachment:

Contact:
E-Mail dniekamp@tuev-nord.de
Phone +49 201 825-2722



Notified Body 0045 for pressure equipment



Hübinger

TUV NORD Systems GmbH & Co. KG, Große Bahnstr. 31, D-22525 Hamburg

TÜV NORD Systems GmbH & Co. KG
Notifizierte Stelle 0045 / Notified Body 0045



Geltungsbereich als Anlage zum Zertifikat / Scope of Approval as annex to Certificate

Richtlinie 2014/68/EU, Anh. I, Pkt. 4.3 / Directive 2014/68/EU, Ann. I, Point 4.3.

Zertifikat-Nr. / Certificate No.: 0045 202 1409 WZ 1053 23

AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0

Zertifikat-Nr. / Certificate No.: 07 203 1409 WP 1053-23

Firma / Company:			Ort / Location:		AZ / File No.:	SAP-Nr.:	Datum / Date: 27.12.2022	
INTOLCAST PRIVATE LIMITED.			16,17,19 Ankur Industrial Complex, 15 km Rajkot-Gondal Road, Village: Shapar Dist. Rajkot- 360 024, Gujarat, INDIA		ISIPW-170/23	812 134 9120		
Nr.	Werkstoffbezeichnung	Spezifikation	Lieferzustand*	Erzeugnisform	Abmessungen		Prüfgrundlagen	Bemerkungen
No.	Material designation	Specification	Delivery cond.*	Product type	Dimensions		Test specifications	Remarks
					Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [mm] / [kg]		
					6	7 / 8		
1	2	3	4	5			9	10
1.10	1,4317	EN 10213	+QT	Investment Castings	68 mm Max	up to 97Kgs	PED 2014/68/EU	Certified acc. To PED annex I, sec. 4.3 by the notified body of TÜV NORD Systems (Reg.No.0045)
1.11	1,4309	EN 10213	+AT	for Valves & Pumps				
1.12	1,4409	EN 10213	+AT					
1.13	1,4517	EN 10213	+AT					
2.10	1,0619	EN 10213	-.N/+QT	Investment Castings	68 mm Max	up to 97 Kgs	Directive 2014/68/EU	*1 with Inspection Certificate 3.2 in
2.11	1.5419*1	EN 10213	+QT	for Valves & Pumps			AD 2000 Merkblatt W5	acc.with EN 10204
2.12	1.7357*1	EN 10213	+QT					
2.13	1.7379*1	EN 10213	+QT					Approved WPS in area of AD 2000 are WPS/ITL01 Rev.00 WPS/ITL02 Rev.00, WPS/ITL04 Rev.00 & WPS/ITL05 Rev.00
2.14	1.7706*1	EN 10213	+QT					
2.15	1.4107*1	EN 10213	+QT					
2.16	1.4931*1	EN 10213	+QT					
2.17	1.1131*1	EN 10213	-.N/+QT					
2.18	1.6220*1	EN 10213	N/+QT					
2.19	1,4552	EN 10213	+AT					
2.20	1,4581	EN 10213	+AT					
3.10	1,4408	EN 10213	+AT	Investment Castings	68 mm Max	up to 94Kg	Directive 2014/68/EU	With Inspection certificate 3.1 in acc. With EN 10204 to use in area of AD 2000 W10, Table 1 Footnote 11
				for Valves & Pumps			AD 2000 Merkblatt W5/W10	
3.11	1,4308	EN 10213	+AT	Investment Castings	68 mm Max	up to 94Kg	Directive 2014/68/EU	With Inspection Certificate 3.2 in acc. with EN 10204 for use in area of AD 2000 Merkblatt W10
				for Valves & Pumps			AD 2000 Merkblatt W5/W10	
4.11	1.0420	EN 10293	-.N	Investment Castings for Valves & Pumps	68 mm Max	up to 94Kg		If use in area of PED 2014/68/EU a Particular Material Appraisal (PMA) is necessary
4.12	1,4584	EN 10283	+AT					
Erläuterung / Explanation:								
* +AT = Lösungsgeglüht / solution annealed, +N = normalgeglüht, normalisierend umgeformt / normalized forming, +U = unbehandelt / untreated, +NT = normalgeglüht und angelassen / normalized and tempered, +QT = vergütet / quenched and tempered, +M = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungsarmgeglüht / stress relieved, +A = weichgeglüht / soft annealed, +CR = kaltgewalzt / cold rolled (weitere Symbole / other symbols: EN 10027-1, Tab. 1B)								

TÜV NORD Systems GmbH & Co. KG
Notifizierte Stelle 0045 / Notified Body 0045



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Firma / Company:			Ort / Location:		AZ / File No.:	SAP-Nr.:	Datum / Date:
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Nr.	Werkstoffbezeichnung	Spezifikation	Lieferzustand*	Erzeugnisform	Abmessungen		Bemerkungen
No.	Material designation	Specification	Delivery cond.*	Product type	Dimensions		Remarks
					Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [mm] / [kg]	
1	2	3	4	5	6	7 / 8	9
5.10	WCB	A/SA 216	..N+QT	Investment Castings	68 mm Max	up to 94Kg	If use in area of PED 2014/68/EU a
5.11	WCC	A/SA 216	..N+QT	for Valves & Pumps			Particular Material Appraisal (PMA)
5.12	WC6	A/SA 217	..NT				is necessary
5.13	CF3	A/SA 351	+AT				
5.14	CF8	A/SA 351	+AT				
5.15	CF8C	A/SA 351	+AT /+ AT & Stabiliziang				
5.16	CF3M	A/SA 351	+AT				
5.17	CF8M	A/SA 351	+AT				
5.18	CH20	A/SA 351	+AT				
5.19	CG8M	A/SA 351	+AT				
5.20	CK3MCuN	A/SA 351	+AT				
5.21	CN7M	A/SA 351	+AT				
5.22	CN3MN	A/SA 351	+AT				
5.23	LCB	A/SA 352	+QT				
5.24	LCC	A/SA 352	+QT				
5.25	CA-15	A/SA 217	+NT				
5.26	CA40	A/SA 743	+NT				
5.27	CD4McuN	A/SA 890/995	+AT				
5.28	4A	A/SA 890/995	+AT				
5.29	5A	A/SA 890/995	+AT				
5.30	6A	A/SA 890/995	+AT				
5.31	CW6MC	A/SA 494	+AT				
5.32	CX2MW	A/SA 494	+AT				
5.33	CZ-100	A/SA 494	As Cast				
5.34	CW2M	A/SA 494	+AT				
5.35	Cu5MCuC	A/SA 494	..+AT & Stabilizing				
5.36	CW12MW	A/SA 494	+AT				
5.37	CB7Cu-1	A/SA 747	..+AT + Precipitation Hardening				
5.38	CA6NM	A/SA 743	..NT				
5.39	M35-1	A/SA 494	As Cast				
5.4	M35-2	A/SA 494	As Cast				
5.40	Grade:- HH	ASTM A 297	As Cast				
5.41	Grade 60-30	ASTM A 27	..N				

Erläuterung / Explanation:

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