

Certificate

Quality management system for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.: 01 202 USA/Q-06 2856.00

Name and address of the
certificate holder: **Signicast LLC**
1800 Innovation Way
Hartford WI 53027
USA

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 2014/68/EU, Annex I, Par. 4.3, with regard to the materials as listed in the scope of approval.

Test basis: **QM System acc. to EN 764-5, article 4.2**

Audit report no.: 01 202 USA/Q-06 2856

Scope: **Manufacture of components using the investment casting in Austenitic, ferrous and nickel alloys, see annex to certificate: 01 202 USA/Q-06 2856, revision 7 from 06/26/2024**

Manufacturing plant: see annex 2

Validity: **This certificate is valid to 2027-08-10.**

Cologne, 2024-07-23

Ines Krüger-Führ



TÜV Rheinland Industrie Service GmbH
Notified Body for Pressure Equipment, ID-No. 0035
Am Grauen Stein, D-51105 Cologne

E-108a

Annex 2

Quality management system for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.: 01 202 USA/Q-06 2856.00

Name and address of the
certificate holder: **Signicast LLC**
1800 Innovation Way
Hartford WI 53027
USA

Manufacturing plants: Signicast LLC
1800 Innovation Way
Hartford WI 53027
USA

Signicast, LLC.
Brown Deer Manufacturing Complex
9000 North 55th Street
Milwaukee WI 53223
USA

Signicast LLC
1501 S I-45 Service Rd
Hutchins TX 75141
USA

Cologne,
2024-07-23

Ines Krüger-Führ

TÜV Rheinland Industrie Service GmbH
Notified Body for Pressure Equipment, ID-No. 0035
Am Grauen Stein, D-51105 Cologne



E-999

Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3				<input type="checkbox"/> EN 764-4				<input type="checkbox"/> AD 2000-Merkblatt W 0			
Certificate holder (Manufacturer of materials)				Manufacturing plant				Nationality		Page No.:		1	
Company Name:		Signicast LLC		1800 Innovation Way Hartford WI 53027				USA		of :		1	
Location:		1800 Innovation Way, Hartford WI 53027		9000 N 55 th St., Milwaukee WI 53223						Date:		06/26/2024	
				1501 S I-45 Service Rd. Hutchins TX 75141						Rev.:		7	
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications Requirements Technical Regulations	Remarks	
					Thickness mm		∅ mm		1=t / 2=kg				
					fro m	Up to	from	Up to	↓	res ult			
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10	
1. Materials according to other standards													
The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.													
1	CF3	ASTM/ASME A/SA351	AT	All -	1	150	25	300	2	90	ASTM/ASME	a	
2	CF3M	ASTM/ASME A/SA351	AT	Investment	1	150	25	300	2	90	ASTM/ASME	a	
3	CF8M	ASTM/ASME A/SA351	AT	Castings	1	150	25	300	2	90	ASTM/ASME	a	
4	CW2M	ASTM A494	AT		1	150	25	300	2	90	ASTM	a	
5	LCC	ASTM A352	QT		1	150	25	300	2	90	ASTM	a	
6	WCB	ASTM A216	QT		1	150	25	300	2	90	ASTM	a	



Remarks	+AT = solution annealed + Air Quench	+NT = normalized and tempered	a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary
	+AR = as rolled	+QT = quenched and tempered	
	+M = thermo mechanical treated	+S = soft annealed	
	+N = normalized or normalizing formed	+SR = stress relieved	