



Industrie Service

CERTIFICATE

The Notified Body - 0036 -
of TÜV SÜD Industrie Service GmbH

certifies that

SAMSON AKTIENGESELLSCHAFT
Weismüllerstraße 3
60314 Frankfurt am Main

has implemented, operates and maintains a

**Quality Assurance System in accordance with the
Pressure Equipment Directive 2014/68/EU, Annex I, Section 4.3**

as material manufacturer for the scope of

Additive manufactured [PBF]* components as semi-finished products

The scope of the approval is described in the annex to this certificate.
Further details are mentioned in report no. Q-DGR-0036-AM-W-01-20.

The manufacturer is therefore authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment Directive 2014/68/EU. Possible additional requirements - specific to applied technical specifications to meet PED Annex I - are not affected.

*Powder bed fusion

Certificate - No.: DGR-0036-AM-003-21

valid through December 31, 2023. In order to adhere the validity an annual surveillance audit is required.

Winfried Schock

Notified Body No.: 0036


Munich, February 26, 2021





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Anlage zum Zertifikat Nr. / Annex to certificate no. **DGR-0036-AM-003-21** vom / dated **26.02.2021**

Lfd. Nr./ No.	Hersteller / Manufacture	Name / Name: SAMSON AKTIENGESELLSCHAFT		Prüfungszustand / Delivery condition	Prüferzeugnisform / Description product	Werk / Plant: ROLF SANDVOSS INNOVATION CENTER		Datum / Date:	Blatt-Nr. / Page no.: 1	Bemerkungen / Remarks
		Straße / Street: Weismüllerstraße 3	Ort / City: 60314 Frankfurt am Main			Bauvolumen / Fertigungsmessungen / Construction volume / Manufacturing dimension (mm)	Gewicht / Weight (kg)			
1	 SPBF 1.4401 / 1.4404 / S31600 / S31603 Werkstoffgruppe 8.1 / Material group 8.1	Werkstoff-Spezifikation / Material specification: AM_WK-Spezifikation -SPBF_4404 [4000189328]	ungeglüht [U] / not annealed [U]	Bauteile, Hohlkörper und Massivbauteile, Gehäuse und Obergteile / Components, hollow and solid parts, housings and upper components	Ø 300 x 400 1,0 ≤ s ≤ 52,0	250	pulverbettbasiertes Schmelzen [PBF] / powder bed fusion [PBF]	TruPrint 3000 Serien-Nr. / Serial No.: S0721Q0024 Parametersätze / Set of parameters: 1] 30µm 2] 60µm	Fertigung unter Inertgas, mittlere Partikelgrößen- verteilung am Ausgangs- material / Manufacturing under inert gas atmosphere, average particle size distribution on the feedstock: D10: 21 µm D50: 34 µm D90: 50 µm	
										10

Erklärung / Explanation: A = lösungsgeglüht und abgeschreckt / solution annealed and quenched; L = lösungsgeglüht / solution annealed; N = normalgeglüht / normalized; S = spannungsarmgeglüht / stress relieved; TM = thermomech. behandelt/ thermo-mech. treated; U = ungeglüht / not annealed; V = vergütet / quenched and tempered; CR = temperaturgeregt warmumgeformt / controlled rolled; G = weichgeglüht / annealed