



# CERTIFICATE

**TUV SUD BABT Unlimited**

certifies that

**Haynes International Inc.  
1020 West Park Avenue  
Kokomo, IN 46904-9013  
2000 W Defenbaugh Street  
Kokomo, IN 46902**

has implemented, operates and maintains a

**Quality Assurance System in accordance with the  
Pressure Equipment (Safety) Regulation 2016/1105, Schedule 2, Part. 4,  
Para. 31 (8) as well as EN 764-5, Para. 4.2**

as a material manufacturer for the scope of

Custom Melted Ingot, Billet & Bar, Plate Material of Corrosion Resistant Ni-Based Alloys.

The scope of the approval is described in the annex to this certificate.  
Further details are mentioned in report no. C-721007822-25.

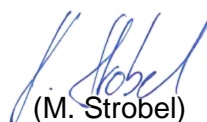
The manufacturer is therefore authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment (Safety) Regulation 2016/1105. Possible additional requirements - specific to applied technical specifications to meet PER 2016/1105, Schedule 2 - are not affected.

This certificate is valid through 2028-04-30.

**In order to adhere the validity an annual surveillance audit is required.**

Certificate No.: PER-0168-QS-M 3228700/2022/MUC-02  
Fareham, 2025-04-04

**TUV SUD BABT Unlimited**

  
(M. Strobel)

**Certification Body**  
Materials and Permanent Joining

TUV SUD BABT Unlimited  
Octagon House, Concorde Way Segensworth North,  
Fareham, Hampshire, PO 15 5RL, United Kingdom

**TUV®**



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**Scope of the approval – Manufacturer of material in accordance with  
PER 2016/1105, Schedule 2, Part 4, Para. 31 (8)**

**Annex to certificate no.  
PER-0168-QS-M 3228700/2022/MUC-02 von / dated 2025-04-04**

Name: Haynes International, Inc.	Country: USA	Date: rev. 0 2025-04-04	Page 1 of 1	<b>Competent Body of TUV SUD BABT Unlimited</b>
Manufacturer: Street: 1020 W. Park Avenue / 2000 West Defenbaugh Street				
City: Kokomo, IN 46904 / Kokomo, IN 46902				

No.	Material Designation Material Grade	Material Specification		Delivery Condition Code	Description Product	Dimensions				Weight		Requirements Technical Rules		Report no. C-721007822-25 dated 2025-02-19
		Spec.	No.			Thickness [mm]		Diameter [mm]		1=t 2=kg ↓ value		Spec.	No.	Remarks
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	10
01	NiMo16Cr15W (2.4819) (2760 HASTELLOY® C-276® alloy) (UNS N 10276)	TÜV ASTM B ASME SB	400 575, 574 575, 574	AT AT U AT	Blech / Plate Band / Strip / Coil Schmiedestück / Forging Stab / Bar	-- -- -- --	20 4 90 90	-- -- -- 90	-- -- -- 90	-- -- -- --	-- -- -- --			To fulfil essential safety requirements of PER Schedule 2, for each material acc. to non designated standards a Particular Material Appraisal (PMA) is mandatory.  <b>For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Approved Body in charge.</b>
02	NiMo16Cr16Ti (2455 HASTELLOY® C-4® alloy) (UNS 06455)	TÜV ASTM B ASME SB	424 575, 574 575, 574	AT AT U AT	Blech / Plate Band / Strip / Coil Schmiedestück / Forging Stab / Bar	-- -- -- --	65 4 90 90	-- -- -- 90	-- -- -- 90	-- -- -- --	-- -- -- --			
03	NiCr21Mo14W (2277 HASTELLOY® C-22® alloy) (UNS N 06022)	TÜV ASTM B ASME SB	479 575, 574 575, 574	AT AT U AT	Blech / Plate Band / Strip / Coil Schmiedestück / Forging Stab / Bar	-- -- -- --	51 4 90 90	-- -- -- 90	-- -- -- 90	-- -- -- --	-- -- -- --			
04	2675 HASTELLOY® B-3® alloy (UNS N 10675)	TÜV ASTM B ASME SB	517 333, 335 333, 335	AT AT S AT	Blech / Plate Band / Strip / Coil Schmiedestück / Forging Stab / Bar	-- -- -- --	65 4 90 220	-- -- -- 220	-- -- -- 220	-- -- -- --	-- -- -- --			
05	NiCr23Mo16Cu (2316 HASTELLOY® C-2000® alloy) Respectively ASTM grades	TÜV ASME SB ASME SB ASME SB	539 575 564 574	AT AT U AT	Blech / Plate Band / Strip / Coil Schmiedestück / Forging Stab / Bar	-- -- -- --	65 4 90 90	-- -- -- 90	-- -- -- 90	-- -- -- --	-- -- -- --			
06	NiCr22Mo9 Nb (2.4856) (2650 HAYNES® 625 alloy) (UNS N06625)	ASME SB EAM ASME EAM	443 0526-40 SB 446 0526-40	A/AT A/AT U A/AT	Blech / Plate Band / Strip / Coil Schmiedestück / Forging Stab / Bar	-- -- -- --	20 4 90 90	-- -- -- 90	-- -- -- 90	-- -- -- --	-- -- -- --			
07	HASTELLOY® D-205® alloy	--	--	AT	Band / Strip / Coil	-	1,0	--	--	--	--			Per Alfa Laval material standard AL111 6379-63 (latest revision)
08	Alloy -UNS06030 (HASTELLOY® G-30® alloy)	ASME	SB 582	A	Band/Strip/Coil	-	3,0	--	--	--	--			Per Alfa Laval material standard AL111 6364-63 (latest revision)

**Explanation:** AT = solution annealed NT = normalized and tempered N = normalized S = stress relieved TM = thermo-mech. treated U = not annealed  
QT = quenched and tempered CR = temperature controlled hot formed (controlled rolled) A = annealed AR = as rolled  
a = material designation in column 10 b = condition in column 10 c = object in column 10  
d = dimensions acc. to technical rules e = weight acc. to technical rules f = technical rules reference column 10