

TÜV Rheinland Industrie Service GmbH,
Am Grauen Stein, D-51105 Cologne

Huntington Alloys
A Special Metals Company
PED Department
3200 Riverside Drive
Huntington, WV 25705-1771
USA

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Web: www.tuv.com

27. April 2017

Certificates – Quality-Assurance System acc. to 2014/68/EU

Dear Sir or Madam,

Please find attached your certificate with the Cert-No.:

- 01 202 973/Q-09 0002

If there are any questions, do not hesitate to contact us.

With best regards



i.A. Christina Hense
Assistant Certification Body
Division Energy Systems & Automation

Attachments

Certificate

Annex to the Certificate

TÜV Rheinland Industrie Service
GmbH

Am Grauen Stein
D-51105 Köln

Tel. +49 1806 252535-3000*
Fax +49 1806 252535-3099*
IS@de.tuv.com

Managing Directors
Stephan Frense (Speaker)
Dirk Fenske

Executive chairman
Dr. Michael Fübi

Certificate

Quality-Assurance System for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.: 01 202 973/Q-09 0002

Name and address of the manufacturer: **Huntington Alloys – a Special Metals Company
3200 Riverside Drive
Huntington, WV 25705-1771
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.

Tested acc. to Directive 2014/68/EU: **QA System acc. to EN 764-5, article 4.2 and AD 2000-Merkblatt W0**

Audit report no.: 973/Q-09 0002

Range of materials: **Manufacture of plates, sheets, strips, seamless tubes, pipes, bars and rods in nickel alloyed materials, see annex to certificate**

Manufacturing plant: **Huntington Alloys – a Special Metals Company
3200 Riverside Drive
Huntington, WV 25705-1771
USA**

Valid until: December 15, 2018

O. Theisen



Cologne, April 27, 2017

i. V. Dipl.-Ing. Oliver Theisen

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

E-108-E-Rev21

Scope according to	<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)				
Company Name: Huntington Alloys – a Special Metals Company		Work		Nationality	Date	Page No..	Remarks	
3200 Riverside Drive Huntington, WV 25705-1771 USA		Huntington Alloys – a Special Metals Company 3200 Riverside Drive USA – Huntington, WV 25705-1771			27.03.2017	1	TÜV Rheinland Industrie Service GmbH	
Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions	Weight max	Technical Specifications	Requirements	
				Thick-ness mm Ø mm	1=t / 2=kg ↓ res ult	Technical Regulations	Technical Regulations	
2	3	4	5	from to 6a 6b	from to 7a 7b	8a 8b	9	10
Materials according to the AD 2000-Code								
use of the materials according to DGR 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 in the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.								
Nickel 201	VdTÜV Werkstoffblatt 345		Sheet, plate, strip, bar, seamless tube				Hot rolled, cold rolled, cold drawn, forged, annealed	
Monell alloy 400	VdTÜV Werkstoffblatt 263		Sheet, plate, strip, bar, seamless tube				Hot rolled, cold rolled, cold drawn, forged, annealed	
Inconel alloy 600	VdTÜV Werkstoffblatt 305		Sheet, plate, strip, bar, seamless tube				Hot rolled, cold rolled, cold drawn, forged, annealed	
Inconel alloy 617	VdTÜV Werkstoffblatt 485		Sheet, plate, strip, (bar), seamless tube				Hot rolled, cold rolled, cold drawn, forged, annealed, pilgered	
Remarks	+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed	+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved	a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary					

Scope according to	<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)			
Company Name: Manufacturer		Page No..					
Huntington Alloys – a Special Metals Company		2					
3200 Riverside Drive		TÜV Rheinland					
Huntington, WV 25705-1771 USA		Industrie Service GmbH					
Material No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions	Weight max	Technical Specifications Requirements	Remarks
2	3	4	5	6a 6b 7a 7b	8a 8b	9	10
Materials according to the AD 2000-Code							
use of the materials according to DGR 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 are applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.							
Inconel alloy 686	VdTUV-Werkstoffblatt 515		Sheet, plate, strip, bar, seamless tube				Hot rolled, cold rolled, cold drawn, annealed, pilgered
Inconel Alloy 22	VdTÜV-Werkstoffblatt 479		Sheet, plate, strip, bar, seamless tube				Hot rolled, cold rolled, cold drawn, annealed, pilgered
Inconel Alloy C-276	VdTÜV-Werkstoffblatt 400	QT	Sheet, plate, strip, bar, seamless tube				
Inconel alloy 800	VdTÜV-Werkstoffblatt 412	S	Sheet, plate, strip, bar, seamless tube				
+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed		+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved		a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary			

Scope according to	<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011 (System 2+)
Company Name:	Huntington Alloys – a Special Metals Company		Nationality	USA
Address:	3200 Riverside Drive Huntington, WV 25705-1771 USA		Date	27.03.2017
Manufacturer	Huntington Alloys – a Special Metals Company		Page No.	3
Material No.	2	Article of Product	Rev.: 2 of : 3	Remarks
Material Specification	3	Type of Product	Technical Specifications	Technical Requirements Technical Regulations
Delivery Cond.	4	Dimensions	Weight max	
Material Specification	3	Thick-ness mm	1=t / 2=kg	Technical Requirements Technical Regulations
Delivery Cond.	4	from to	↓ res ult	
Material Specification	3	from to	6a 6b 7a 7b 8a 8b	Technical Requirements Technical Regulations
Delivery Cond.	4	from to	6a 6b 7a 7b 8a 8b	

Materials according to the AD 2000-Code

use of the materials according to DGR 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 the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.

Material	Material Specification	Delivery Cond.	Article of Product	Dimensions	Weight max	Technical Specifications	Remarks
Inconel alloy 800	VdTÜV-Werkstoffblatt 412 and 434	S	Sheet, plate, strip, bar, seamless tube				
Inconel alloy 825	VdTÜV-Werkstoffblatt 432/1	S	Sheet, plate, strip				Hot and cold rolled
Inconel alloy 825	VdTÜV-Werkstoffblatt 432/2	S	Seamless tube				Hot and cold rolled, pilgered
Inconel alloy 825	VdTÜV-Werkstoffblatt 432/2	S	Bars, forgings				

Legend:

+AT = solution annealed	+NT = normalized and tempered
+AR = as rolled	+QT = quenched and tempered
+M = thermo mechanical treated	+S = soft annealed
+N = normalized or normalizing formed	+SR = stress relieved

a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary