



Industrie Service

CERTIFICATE

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

certifies that

North American Stainless
6870 Highway 42 East
Ghent, KY 41045-9615
USA



has implemented, operates and maintains a

Quality Assurance System in accordance with the
Pressure Equipment Directive 97/23/EC (PED)
Annex I, Paragraph 4.3

as Material Manufacturer for the scope of

sheet, plate, coil and bar in stainless steel materials
The scope of the approval is described in the annex to this certificate.

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 97/23/EC and applied technical specifications. Possible additional requirements - specific to applied technical specifications to meet PED Annex I - are not affected.

This certificate is valid through March 2013.

The validity of this certificate is connected to a valid certification in accordance with ISO 9001:2008.

Certificate No.: 257/2005/MUC

Munich, 04.05.2010

TÜV SÜD Industrie Service GmbH
Zertifizierungsstelle für Druckgeräte

(M. Sig)

Notified Body, No. 0036

TÜV SÜD Industrie Service GmbH, Abteilung Werkstoff- und Schweißtechnik
Westendstrasse 199, 80686 München



Industrie Service

Scope of the Approval - Manufacturing of Base Material in accordance to PED, Annex I, Paragraph 4.3

Annex to Certificate No.
257/2005/MUC von/dated 04.05.2010 *)

Hersteller/ Manufacturer:		Name: Straße/Street: Ort/City:		North American Stainless 6870 Highway 42 East Ghent, KY – USA		Nationalität/ Nationality		Datum/ Date		Blatt-Nr./ Page No.		Zertifizierungsstelle für Druckgeräte Notified Body, No. - 0036 - Plant engineering		
						USA		04.05.2010		1 von/of 1				
Ifd. Nr.	Werkstoffbezeichnung/ Material Name Werkstoff-Nr./ Material No.	Werkstoff- Spezifikation Material Specification		Liefer- zustand Delivery Condition*	Prüfgegenstand Erzeugnisform / Production Form Begriff / Name	Abmessungen Dimensions				Gewicht Weight max. 1 = t 2 = kg		Prüfgrundlagen/ Anforderungen Technische Regeln / Technical Requirements		Bemerkungen Notes
		Art/Spec.	Nr./No.			Dicke [mm] Thickness	bis/ to	von/ from	bis/ to	↓	Wert value	Art./ Spec.	Nr. / No.	
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	11
01	304L (1.4307)	ASME EN	SA 240 10028-7	G	sheet, coil, plate	0.37	63.5	19.5	1524	--	--			The 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 notified body in charge.
02	316L (1.4404)	ASME EN	SA 240 10028-7	G	sheet, coil, plate	0.37	63.5	19.5	1524	--	--			
03	304 (1.4301)	ASME EN	SA 240 10028-7	G	sheet, coil, plate	0.37	63.5	19.5	1524	--	--			
04	321 (1.4541)	ASME EN	SA 240 10028-7	G	sheet, coil, plate	0.37	64	19.5	1524	--	--			
05	201/201LN	ASME	SA 240	G	sheet, coil, plate	0.37	6	19.5	1524	--	--			
06	Duplex Steel 2205 (1.4462)	ASME EN	SA 240 10028-7	G	sheet, coil, plate	0.37	20	19.5	1524	--	--			
07	301	ASME	SA 240	G	sheet, coil, plate	0.37	40	19.5	1524	--	--			
08	316 (1.4401)	ASME EN	SA 240 10028-7	G	sheet, coil, plate	0.37	64	19.5	1524	--	--			
09	304H (1.4948)	ASME EN	SA 240 10028-7	G	sheet, coil, plate	0.37	64	19.5	1524	--	--			

Erläuterungen / Notes: A = Lösungsgeglüht und abgeschreckt/solution annealed and quenched L = Lösungsgeglüht/solution annealed N = Normalgeglüht / normalized S = Spannungsarmgeglüht/stress relieved TM = Thermomech. behandelt/ thermomech. treated U = Ungeglüht/not annealed V = Vergütet /quenched and tempered CR = Temperaturgeregelte warmumgeformt/ temperature controlled hot formed (controlled rolled) G = Weichgeglüht /annealed a = Werkstoffbezeichnung in Spalte 11/material designation in column 11 b = Lieferzustand in Spalte 11 / delivery condition in column 11 c = Prüfgegenstand in Spalte 11 / object in column 11 d = Abmessung in den Technischen Regeln / dimensions acc. to technical rules e = Gewicht in den Technischen Regeln /weight acc. to technical rules f = Nr. der Technischen Regeln in Spalte 11/No. of the technical rules in column 11

*) The validity of this certificate is connected to a valid certification in accordance with ISO 9001:2001



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Scope of the Approval - Manufacturing of Base Material in accordance to PED, Annex I, Paragraph 4.3

Annex to Certificate No.
257/2005/MUC von/dated 04.05.2010 *)

Hersteller/ Manufacturer:	Name: Straße/Street: Ort/City:	North American Stainless 6870 Highway 42 East Ghent, KY – USA	Nationalität/ Nationality USA	Datum/ Date 04.05.2010	Blatt-Nr./ Page No. 1 von/of 1	Zertifizierungsstelle für Druckgeräte Notified Body, No. - 0036 - Plant engineering
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lfd. Nr.	Werkstoffbezeichnung/ Material Name Werkstoff-Nr./ Material No.	Werkstoff- Spezifikation Material Specification		Liefer- zustand Delivery Condition*	Prüfgegenstand Erzeugnisform / Production Form Begriff / Name	Abmessungen Dimensions				Gewicht Weight max.		Prüfgrundlagen/ Anforderungen Technische Regeln / Technical Requirements		Bemerkungen Notes
		Art/Spec.	Nr./No.			Dicke [mm] Thickness		Width [mm] Breite		↓	Wert value	Art./ Spec.	Nr. / No.	
						von/ from	bis/ to	von/ from	bis/ to					
1	2	3a	3b	4	5	6a	6b	7a	7b	8a	8b	9a	9b	11
01	302	ASME	SA 479	G	Bar	5.5	40							The 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 notified body in charge.
02	304 (1.4301)	ASME EN	SA 479 10272	G	Bar	4.76	130.5							
03	316L (1.4404)	ASME EN	SA 479 10272	G	Bar	4.76	130.5							
04	304L (1.4307)	ASME EN	SA 479 10272	G	Bar	5.5	130.5							
05	316 (1.4401)	ASME EN	SA 479 10272	G	Bar	4.76	130.5							

Erläuterungen / Notes: A = Lösungsgeglüht und abgeschreckt/solution annealed and quenched L = Lösungsgeglüht/solution annealed N = Normalgeglüht / normalized S = Spannungsarmgeglüht/stress relieved TM = Thermomech. behandelt/thermomech. treated U = Ungeglüht/not annealed V = Vergütet /quenched and tempered CR = Temperaturgeregelte warmumgeformt/ temperature controlled hot formed (controlled rolled) G = Weichgeglüht /annealed a = Werkstoffbezeichnung in Spalte 11/material designation in column 11 b = Lieferzustand in Spalte 11 / delivery condition in column 11 c = Prüfgegenstand in Spalte 11 / object in column 11 d = Abmessung in den Technischen Regeln / dimensions acc. to technical rules e = Gewicht in den Technischen Regeln /weight acc. to technical rules f = Nr. der Technischen Regeln in Spalte 11/No. of the technical rules in column 11

*) The validity of this certificate is connected to a valid certification in accordance with ISO 9001:2001