



TÜV Rheinland Group

CERTIFICATE

**Quality-Assurance System
for Material Manufacturer
acc. to European Directive 97/23/EC
Certificate No.: 01 202 USA/Q-02 0691**

Name and address of
manufacturer:

**RathGibson, Inc.
2505 Foster Avenue
Janesville, Wisconsin 53547-0389
USA**

The material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 97/23/EC for Pressure Equipment, with regard to the materials as listed in the scope of approval.

Approved acc. to Directive
97/23/EC:

QM-System according to annex I, Par. 4.3

Audit Report No.:

USA/Q-02 0691

Scope:

Manufacturing of welded circular tubes of stainless steel and Nickel-based alloys, see annex

Plant:

RathGibson, Inc.
2505 Foster Avenue
Janesville, Wisconsin 53547-0389
USA

Valid until:

March 2009

Cologne, January 13, 2006



TÜV CERT-Certification Body
for Pressure Equipment

W. Wichert
Dr. Ing. W. Wichert

Notified Body, ID-No. 0035

TÜV Industrie Service GmbH
Am Grauen Stein
51105 Köln

Tel. ++49-221/806-0
Fax ++49-221/806-1354
e-mail tuevat@de.tuv.com

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE



TÜV Rheinland Group

ZERTIFIKAT

**Qualitätssicherungs-System
für Werkstoffhersteller
nach Richtlinie 97/23/EG**

Zertifikat-Nr.: 01 202 USA/Q-02 0691

Name und Anschrift des Herstellers: **RathGibson, Inc.**
2505 Foster Avenue
Janesville, Wisconsin 53547-0389
USA

Hiermit wird bescheinigt, daß der Hersteller ein QS-System eingeführt hat und anwendet. Dieses wurde gemäß der Richtlinie 97/23/EG in Bezug auf die im Geltungsbereich genannten Werkstoffe einer spezifischen Überprüfung unterzogen.

Geprüft nach Richtlinie 97/23/EG: QS-System nach Anhang I, Kap. 4.3

Auditbericht-Nr.: USA/Q-02 0691

Geltungsbereich: Herstellung von geschweißten kreisförmigen Rohren aus rostfreiem Stahl und Nickelbasislegierungen, siehe Anlage

Fertigungsstätte: RathGibson, Inc.
2505 Foster Avenue
Janesville, Wisconsin 53547-0389
USA

Gültig bis: März 2009

Köln, 13. Januar 2006



TÜV CERT-Zertifizierungsstelle
für Druckgeräte

Dr.-Ing. Wichert

Benannte Stelle, Kennnummer 0035

TÜV Industrie Service GmbH
Am Grauen Stein
51105 Köln
Tel. ++49-221/806-0
Fax ++49-221/806-1354
e-mail tuevat@de.tuv.com

Mitglied der



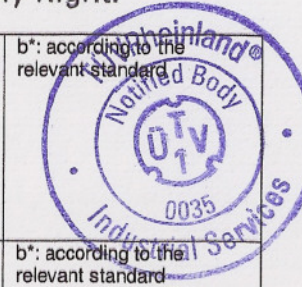
CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE


Scope of Validity of the Approval as Material Manufacturer in acc. to PED 97/23/EC

Manufacturer				Work				Nationality	Date	Page No.	TÜV-name/stamp	
Name: RathGibson, Inc. Address: 2505 Foster Avenue, Janesville, WI, 53545 USA				same as manufacturer				USA	6-Feb-08 Rev.:2	1	TÜV Rheinland Industrie Service GmbH	
Count-No.	Material-grade	Material Specification	Delivery Cond.	Article	Dimensions				Weight max		Test specification/ Requirements Technical Regulation	Remarks
	Material-No.		*	Type of product	Thickness mm		Outer Ø mm		1=1 / 2=kg	Value		
					from	up to	from	up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
Application of material according to the PED 97/23/EC if provided that it is published in harmonized European Standards or covered by an European approval for materials or by a particular material appraisal.												
01	Austenitic Steel: 1.4301, 1.4306, 1.4307, 1.4401, 1.4404, 1.4541, 1.4550 (UNS S30400, S30403, S31600, S31603, S32100, S347000)	EN 10217-7:2005 (ASME SA249)	b*	Welded circular tubes	0.6	6.1	12.7	101.6				b*: according to the relevant standard
02	1.4948, 1.4919 (UNS S30409, S31609)	DIN 17459:1992										
03	1.4438 (UNS S31703)	EN 10217-7:2005 (ASME SA249)										
04	1.4833, 1.4845	EN 10095:1999										
05	1.4876 (UNS N08800, N08810, N08811)	VdTÜV-Wb 412:2001 (ASME SB514, SB515)										
06	1.4529 (UNS N08367)	VdTÜV-Wb 502:2001 (ASME SB675, SB676)										
07	1.4539 (UNS N08904)	VdTÜV-Wb 421:2001 (ASME SA249, SB673, SB674)										

Remarks	*		*
A	=	solution treatment and quenched	V = quenched and tempered
L	=	solution treatment	CR = temperature controlled rolled
N	=	Normalized	G = soft annealed
S	=	stress relieved annealed	
TM	=	thermo mechanical treatment	
U	=	not treated	
			* = Description in column 10/Code:
			a = Material
			b = Delivery condition
			c = Article, test object
			d = Dimensions, see Techn. Regulation
			e = Weight, see Techn. Regulation
			f = Name/No. of Techn. Regulation

Scope of Validity of the Approval as Material Manufacturer in acc. to PED 97/23/EC



	Duplex Steel:		b*	Welded circular tubes	0.6	6.1	12.7	101.6					b*: according to the relevant standard
08	1.4462 (UNS S32205)	EN10217-7:2005 (ASME SA789, SA790)											
09	1.4410 (UNS S32750)	EN 10217-7:2005 (ASME SA789, SA790)											
10	1.4501 (UNS S32760)	EN 10217-7:2005 (ASME SA789, SA790)											
	Nickel and Nickel-based alloys:		b*	Welded circular tubes	0.6	6.1	12.7	101.6					b*: according to the relevant standard
11	2.4066 (UNS N02200)	DIN 17740:1983 (ASTM B725-93, B730-93)											
12	2.4360 (UNS N04400)	VdTÜV-Wb 263:1999 (ASTM B725-93, B730-93)											
13	2.4816 (UNS N06600)	VdTÜV-Wb 305:1999 (ASME SB516, SB517)											
14	2.4602 (UNS N06022)	VdTÜV-Wb 479:2002 (ASME SB619, SB626)											
15	2.4605 (UNS N06059)	VdTÜV-Wb 505:2001 (ASME SB619, SB626)											
16	2.4856 (UNS N06625)	VdTÜV-Wb 499:2001 (ASME SB704, SB705)											
17	2.4606 (UNS NN06686)	VdTÜV-Wb 515:2001 (ASME SB619, SB626)											
18	2.466 (UNS N08020)	(ASTM B464, B468)											
19	2.4858 (UNS N08825)	VdTÜV-Wb 432:1999 (ASME SB704, SB705)											
20	2.4819 (UNS N10276)	VdTÜV-Wb 400:1998 (ASME SB619, SB626)											

Remarks

*
 A = solution treatment and quenched
 L = solution treatment
 N = Normalized
 S = stress relieved annealed
 TM = thermo mechanical treatment
 U = not treated

V = quenched and tempered
 CR = temperature controlled rolled
 G = soft annealed

* = Description in column 10/Code:
 a = Material
 b = Delivery condition
 c = Article, test object
 d = Dimensions, see Techn. Regulation
 e = Weight, see Techn. Regulation
 f = Name/No. of Techn. Regulation