

# Certificate

## Quality-Assurance System for Manufacturer of Materials

acc. to Directive 97/23/EC

Certificate no.: 01 202 USA/Q-08 9646

Name and address of the  
manufacturer:

**Zapp Precision Strip, Inc.  
266 Samuel Barnet Blvd.  
Dartmouth, MA 02745 U.S.A.**

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 97/23/EC, Annex I, Par. 4.3, with regard to the materials as listed in the scope of approval.

Tested acc. to Directive  
97/23/EC:

**QM System acc. to EN 764-5, article 4.2,  
AD 2000-Merkblatt W0**

Audit report no.:

USA/Q-08 9646

Range of materials:

Manufacturing of Austenitic Stainless Steel, Nickel and Nickel Base Alloys Precision Strip, see annex to certificate

Manufacturing plant:

**266 Samuel Barnet Blvd. Dartmouth, MA 02745 U.S.A.**      **12633 Clark Street Santa Fe Springs, CA 90670 U.S.A.**

Valid until:

**June 12, 2014**

Cologne, June 09, 2011

*Wichert*  
Dr.-Ing. W. Wichert



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

E-106b-Rev7



TÜV Rheinland Group

Annex to Certificate No.: 01 202 USA/Q – 05 3497  
 Details of the Validity of the Approval as Manufacturer of Materials in accordance to DGR 97/23/EC and AD2000-W0/TRQ/100  
 respectively

Manufacturer		Work		Nationality	Date	Page No.	TUV-Name / Stamp
Company Name: Zapp Precision Strip				USA	May 13, 2008	1	TUV-Name / Stamp TUV Industrie Service GmbH
Location: Dartmouth, MA 02745					Rev.:	of: 1	Notified Body TUV Rheinland Service GmbH
							Remarks

Cur-	Materials-term Materials-No.	Material Specification	Delivery Cond. *	Article Type of Product	Dimensions		Weight max 1t / 2=kg	Technical Specifications Requirements Technical Regulations	9	10
					Thickness mm	Ø mm				
1					from	Up to	from	Up to		
2					6a	6b	7a	7b		
									↓	Result

The use of the materials according to DGR 97/23/EC 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 of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.

01	Austenitic Stainless Steels	EN 10028-7	L	Strip/Sheet	0.05	0.64				
02	Nickel and Nickel Base Alloys	DIN 17740 DIN 17443 DIN 17442 DIN 17750	L L L L	Strip/Sheet Strip/Sheet Strip/Sheet Strip/Sheet	0.05 0.05 0.05 0.05	0.64 0.64 0.64 0.64				

Remarks

\* A = solution treatment and quenched  
 L = solution treatment  
 N = normalized  
 S = stress relieved annealed  
 TM = thermos mechanical treatment  
 U = not treated

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

a = material  
 b = delivery condition  
 c = article  
 d = dimensions in tech. regulations  
 e = weight  
 f = No. of tech. regulation