

Certificate

Quality-Assurance System for Manufacturer of Materials

acc. to Directive 97/23/EC

Certificate no.: 01 202 F/Q-11 1474

Name and address of the
manufacturer:

ANDRE LAURENT SAS
ZI du BAYON
42150 LA RICAMARIE
FRANCE

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 and
AD 2000-Merkblatt W0**

Audit report no.:

F/Q-11 1474

Range of materials:

Production of fastening and binding elements through hot forging, machining and thread rolling, see annex to certificate

Manufacturing plant:

ANDRE LAURENT SAS
ZI du BAYON
42150 LA RICAMARIE
FRANCE

Valid until:

May 16, 2014

Cologne, September 08, 2011

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

Annex to Certificate No.: 01 202 F/Q 11 1474
Details of the Validity of the Approval as Manufacturer of Materials in accordance to DGR 97/23/EC and AD2000-W0/TRD 100 respectively

Manufacturer		Work		Nationality	Date	Page No.	TÜV-Name /Stamp			
Company Name: ANDRE LAURENT ZI du Bayon, BP 28		ANDRE LAURENT		Française	6/5/11	1	TÜV Rheinland			
Location: F - 42150 LA RICAMARIE		F - 42150 LA RICAMARIE			Rev.:	of :	1	GmbH		
Cur-	Materials-term Materials-No.	Material Specification	Delivery Cond. *	Article Type of Product	Dimensions Lenght mm		Weight max	Technical Specifications Requirements Technical Regulations	Remarks	
1	2	3	4	5	fro m	Up to	1=t/ 2=kg ↓	Re sul t	10	
<p>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.</p>										
01	5.6 – 8.8 – 5.2 – 8 C35E+QT 35B2 C35E+N 25CrMo4-21CrMoV5-7- X22CrMoV12-1-42CrMo4- 25CrMo4 – X12Ni5	DIN267 part 13 DIN EN ISO 898-1 DIN EN 20898-2 DIN EN 10269	N QT	Screws/Nuts/ Studs	50	300 0	10	100	kg	50 ADW7 ADW10
02	A2-A3-A4-A5	DIN EN 3506-1 and 2 DIN EN 10272 DIN 10269	QT AT	Screws/Nuts/ Studs	50	300 0	10	100	kg	50 ADW2 ADW10
Remarks	* AT = solution treated N = Normalized or normalizing formed SR = stress relieved M = thermo mechanical treated AR = not treated		QT = quenched and tempered NT = normalized and tempered S = soft annealed		a = material b = delivery condition c = article d = dimensions in tech. regulations e = weight f = No. of tech. regulation					