



EU CERTIFICATE OF QUALITY SYSTEM APPROVAL

In accordance with the requirements of the Pressure Equipment
Directive 2014/68/EU

This is to certify that the Quality Management System of:

ZOBEL SAS
ZA Du Bois, Rue du Pont Gave
62840 FLEURBAIX
FRANCE

has been assessed against the requirements of Annex 1, paragraph 4.3 of the Pressure
Equipment Directive 2014/68/EU and conforms to the requirements for the products shown
below:

Manufacturing of fasteners, dimension 4 to 110 mm.

Approval is subject to the continued maintenance of the quality system in accordance with
the requirements of the above Directive and continuing to comply with the ISO 9001:2015

LRQA Certificate Number 10419097, valid until 17.02.2025.

Products are as listed on the attached schedule.

Certificate No: 0094/PED/MAD/ 0175 ENG

Original Approval: 16 April 2019 (*)

Current Certificate: 18 May 2022

Certificate n° 50312 issued by Lloyd's Register Deutschland GmbH Ident-No 0524 expired on 17.02.22, validity extended to 17.05.2022

Certificate Expiry: 17 February 2025

LRQA Inspection Iberia, S.A. NoBo number 0094

Name and Position

Note: This certificate is not a product certificate. Products covered by this certificate can't be CE marked.

(*) This certificate transfers certificate n° 50312 issued by Lloyd's Register Deutschland GmbH Ident-No 0524 on 16 April 2019. This certificate is since 18 May 2022 under LRQA Inspection Iberia, S.A. (NoBo 0094) responsibility.

EU CERTIFICATE OF QUALITY SYSTEM APPROVAL

CERTIFICATE 0094/PED/MAD/0175 SCHEDULE

In accordance with the requirements of the Pressure Equipment Directive 2014/68/EU

ZOBEL SAS
ZA Du Bois, Rue du Pont Gave
62840 FLEURBAIX, FRANCE

Product Description: Fasteners.

According to: See standards below

Nr/N°	Standard / Norme	Material / Property Class Matière / Classe	
1	ISO 898-1	5.6 – 8.8 – 10.9	4 to 110 mm
2	ISO 898-2	Cl5 – Cl6 – Cl8 – Cl9 – Cl10 – Cl12	
3	DIN ISO 3506-1	A2 50 – A2 70 - A4 50 – A4 70	
4	DIN ISO 3506-2	A2 50 – A2 70 - A4 50 – A4 70	
5	DIN EN 10269	<u>Steels for quenching and tempering:</u> 19MnB4 (1.5523) - C35E (1.1181) - C45E (1.1191) - 35B2 (1.5511) - 20Mn5 (1.1133) - 25CrMo4 (1.7218) - 42CrMo4 (1.7225) - 42CrMo5-6 (1.7233) - 40CrMoV4-6 (1.7711) - 41NiCrMo7-3-2 (1.6563) - 21CrMoV5-7 (1.7709) - 20CrMoVTiB4-10 (1.7729) - 34CrNiMo6 (1.6582) - 30CrNiMo8 (1.6580) - X12Ni5 (1.5680) - X8Ni9 (1.5662) - X15CrMo5-1 (1.7390) - X22CrMoNiV12-1 (1.4923) - X12CrNiMoV12-3 (1.4938) - X19CrMoNiNbVN11-1 (1.4913) <u>Austenitic steels:</u> X2CrNi18-9 (1.4307) - X5CrNi18-10 (1.4301) - X4CrNi18-12 (1.4303) - X2CrNiMo17-12-2 (1.4404) - X5CrNiMo17-12-2 (1.4401) - X2CrNiMoN17-13-3 (1.4429) - X3CrNiCu18-9-4 (1.4567) - X6CrNi18-10 (1.4948) - X10CrNiMoMnNbVN15-10-1 (1.4982) - X3CrNiMoBN17-13-3 (1.4910) - X6CrNiMo17-12-2 (1.4919) - X6CrNiTiB18-10 (1.4941) - X6NiCrTiMoVB25-15-2 (1.4980) - X7CrNiMoBNb16-16 (1.4986)	
6	DIN267-13	5.6 – 8.8	
7	ASTM A193 / ASME SA193	B7 – B7M - B16 B8Cl1 – B8Cl2 – B8MCl1 – B8MCl2	
8	ASTM A320 / ASME SA320	L7 – L43 B8Cl1 – B8Cl2 – B8MCl1 – B8MCl2	
9	ASTM A320 / ASME SA320	7 – 2H 8 – 8M	

Note:

PMA by pressure equipment manufacturer required if material is not covered by a harmonised standard with reference to PED cited in the Official Journal of the European Union

Heat treatment:

- Stainless Steel – Water solution annealing
- Ferritic, Martensitic, Low and high alloy Steel – Quenched and tempered

Schedule Issue: 01
Date of Schedule Issue: 18 May 2022
LRQA Inspection Iberia, S.A. number 0094

Teresa Souto LRE Technical & Quality Manager