

Certificate

Quality-Assurance System for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.:

01 202 926/Q-03 0071

Name and address of the
manufacturer:

Deloro Wear Solutions GmbH
Zur Bergpflege 51-53
D - 56070 Koblenz

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 2014/68/EU, Annex I, Par. 4.3, with regard to the materials as listed in the scope of approval.

Tested acc. to
Directive 2014/68/EU:

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

Audit report no.:

926/Q-03 0071

Area of validity:

Manufacture and machining of wear, corrosion and temperature resistant components made of metallic and ceramic materials / special alloys, see annex to certificate

Manufacturing plant:

Deloro Wear Solutions GmbH
Zur Bergpflege 51-53
D - 56070 Koblenz

Valid until:

March 29, 2024

Cologne, June 2, 2021

Dipl.-Ing. (FH) Vera Ruff



TÜV Rheinland Industrie Service GmbH
Notifizierte Stelle für Druckgeräte, Kennnummer: 0035
Am Grauen Stein, D-51105 Köln

E-008-D-Rev22

E-100-E-Questionnaire MM-Form8-Scope-Rev21 erste Seite.doc

Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3		<input type="checkbox"/> EN 764-4		<input checked="" type="checkbox"/> AD 2000-Merkblatt W0		<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)			
Company Name: Deloro Wear Solutions GmbH Zur Bergpflege 53 56070 Koblenz				Work Deloro Wear Solutions GmbH Zur Bergpflege 53 56070 Koblenz		Nationality German		Date 3.05.2018		TÜV-Name /Stamp TÜV Rheinland Industrie Service GmbH	
Location: 56070 Koblenz		Materials-term Materials-No.		Material Specification		Delivery Cond.		Article Type of Product		Dimensions Thickness mm	
Cur		Materials-term Materials-No.		Material Specification		Delivery Cond.		Article Type of Product		Dimensions Thickness mm	
1		2		3		4		5		6a	
2. Materials according to the AD 2000-Code The use of the materials according to DGR 2014/68/EU 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.											
1		Hardfacing alloys and special alloys based on cobalt, nickel and iron		Deloro Wear Solutions Specifications				Casting Alloys		g	
Erläuterung		* +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 g = PMA for use in pressure equipment in Directive 2014/68/EU necessary	