

TESTING LABORATORY RECOGNITION CERTIFICATE

Numer: 65739

TÜV NORD Polska Sp. z o.o. hereby certifies that

Laboratorium Badawcze „CHEMAR“ S.A.
ul. K. Olszewskiego 6, 25-663 Kielce

**meets the requirements of par. 4 and 5 of PN-EN ISO/IEC 17025:2005
and has been recognized by
TÜV NORD Polska Sp. z o.o.**

The scope of the recognition is detailed in the attached appendix

Report no. 14/09/2018 following the audit of September 11, 2018

Recognition expiry date: **07/ 10/ 2021**

Auditor: dr inż. Marian Szubryt

Katowice, 08.10.2018

TÜV NORD Polska Sp. z o.o.
ul. Mickiewicza 29
40-085 Katowice

Gregorz Narwojsz

Appendix to

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of 08/10/2018



Laboratorium Badawcze „CHEMAR“ S.A. ul. K. Olszewskiego 6, 25-663 Kielce		
Object of testing/ product	Type of activity/ properties tested/ method	Reference documents
Metallurgical materials	Chemical tests by absorption method in infrared after combustion in an induction furnace	PN-EN ISO 9556:2003, PN-EN 24935:1994
Metallurgical materials/non-detachable connections	Measurements of metal hardness	PN-EN ISO 6506-1:2014-12, PN-EN ISO 6507-1:2007, PN-EN ISO 6508-1:2016-10, PN-EN ISO 9015-1:2011
Metallurgical materials/non-detachable connections	Tensile testing of metals	PN-EN ISO 6892-1:2016-09, PN-EN ISO 4136:2013-05, PN-EN 876:1999, PN-EN ISO 6892-2:2011
Metallurgical materials/non-detachable connections	Impact test of metals	PN-EN ISO 148-1:2010, PN-EN ISO 9016:2013-05
Technical equipment /Metallurgical materials/non-detachable connections	Ultrasonic testing	PN-EN ISO: 16810:2014:06, PN-EN 12680-1:2005, PN-EN 12680-2:2005, PN-EN ISO 17640:2011, PN-EN 14127:2011
Technical equipment / steel structures / security devices /Metallurgical materials/ non-detachable connections	Magnetic particle testing	PN-EN ISO 9934-1:2015-11, PN-EN ISO 10893-5:2011, PN-EN ISO 17638:2010, PN-EN 1369:2013-04
Technical equipment /Metallurgical materials/non-detachable connections	Penetrant testing	PN-EN ISO 3452-1:2013-08, PN-EN ISO 23277:2015-05, PN-EN ISO 10893-4:2011, PN-EN 1371-1:2012
Technical equipment /Metallurgical materials/non-detachable connections	Radiographic testing	PN-EN ISO 5579:2014-02, PN-EN ISO 17636-1:2013-06, PN-EN 12681:2005
Metallurgical materials/non-detachable connections	Visual tests	PN-EN 13018:2016-04, PN-EN ISO 17637:2011, PN-EN 1370:2012
Metallurgical materials/non-detachable connections	Metallographic examinations	PN-H-04501:1957, PN-EN ISO 17639:2013-12
Metallurgical materials	Resistance tests for intergranular corrosion	PN-EN ISO 3651-2:2004
Metallurgical materials	Chemical tests by the classical method	PN-EN ISO 10700:2001, PN-EN 24829-1:1999, PN-EN 10184:2006, PN-EN 10188:2000, PN-EN 10136:1999, PN-H-04019:1979, PN-H-04022:1981, PN-EN 24943:1998
Metallurgical materials/non-detachable connections	Bending test	PN-EN ISO 7438:2016-03, PN-EN ISO 5173:2010, PN-EN ISO 5173:2010/A1:2012
Metallurgical materials/non-detachable connections	Chemical tests by spectrometry emission with spark excitation	PN-H-04045:1997, BN-4052-02:1987