

**DOMESTIC CERTIFICATE
OF CONSTANCY OF PERFORMANCE
No. 005 – UWB – 031**

*In compliance with the Decree of Infrastructure and Construction Minister of 17th November, 2016 in case of methods of declaring performance of construction products and method of marking them with the building mark (Journal of Laws, item 1966), this certificate applies to the **construction product**:*

**Steel pipes for pipelines, submerged-arc helical welded (SAWH)
with diameter 508,0÷1676,0 mm and wall thickness 6,0÷25,4 mm
of requirements class PSL2, made of steel in grades according to Enclosure No. 1,
for pipeline transportation systems in petroleum and natural gas industries.**

(type, levels and classes of performance of the product according to PN-EN ISO 3183:2013 + A1:2018)

covered by Polish Standard:

**PN-EN ISO 3183:2013 + A1:2018
IDT EN ISO 3183:2012 + A1:2018**

placed on the market under manufacturer's name or mark:

**Mannesmann Grossrohr GmbH
Gottfried-Linke-Straße 200
38239 Salzgitter, Germany**

manufactured in production place:

**Mannesmann Grossrohr GmbH
Gottfried-Linke-Straße 200
38239 Salzgitter, Germany**

This certificate attests that all provisions, resulting from domestic system 1, concerning the assessment and verification of constancy of performance, for the declared performances of the product in relation to the intended use set out in this certificate are applied and that:

**the factory production control conducted by the manufacturer is assessed
to ensure the constancy of performance of the construction product.**

*This certificate was first issued on **29.12.2017** and will remain valid as long as neither the polish standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the accredited product certification body.*

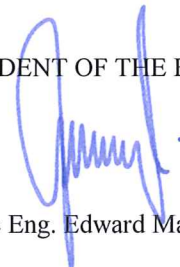
DIRECTOR OF CERTIFICATION BODY



PhD Eng. Tomasz Wlodek



PRESIDENT OF THE BOARD



MSc Eng. Edward Makiela

Katowice, 21th November, 2018

The validity of this certificate can be proven under following phone numbers: +48 32 7040 106, - 109, - 125.

**Steel pipes for pipelines, submerged-arc helical welded (SAWH)
for pipeline transportation systems petroleum and natural gas industries.**

Type of pipe	Requirements class	Grade of steel acc. to standard PN-EN ISO 3183:2013 + A1:2018 IDT EN ISO 3183:2012 + A1:2018	
		Grade acc. to SI	Grade acc. to USC
Seamed pipe	PSL2	L245N L290N L320N L360N L390N L415N	BN X42N X46N X52N X56N X60N
		L245NE L290NE L360NE L415NE	BNE X42NE X52NE X60NE
		L245M L290M L320M L360M L390M L415M L450M L485M L555M	BM X42M X46M X52M X56M X60M X65M X70M X80M
		L245ME L290ME L360ME L415ME L450ME L485ME L555ME	BME X42ME X52ME X60ME X65ME X70ME X80ME

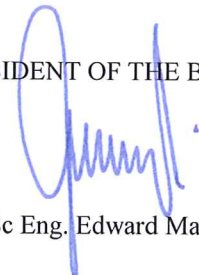
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