



Certificate No : MD00/1868/0010/1

STOMANA INDUSTRY AD
1, Vladaysko Vastanie Str.
2304 Pernik
Bulgaria

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

Steelmaking, Semi-Finished Products and Plates

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given in the Appendix of this certificate.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

Valid Until : 15 April 2019
Date of Issue : 19 April 2016

Clive Arnold

Senior Metallurgical Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group



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Appendix 1

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Steelmaking	E.A.F. / Con Cast	Grades	
		As below	
Semi-Finished Products	Blooms/Billets	Grades	mm thickness Maximum
		As below	200.0
Plates	Normal Strength	Grades	mm thickness Maximum
As Rolled	Fine Grain Al	A	40.0
As Rolled	Killed	A	25.0
Plates	Higher Strength	Grades	mm thickness Maximum
Normalized	Fine Grain Al+Nb	AH27S, AH32, AH36, DH27S, DH32, DH36	25.0
Normalized	Fine Grain Al+V	AH27S, AH32, AH36, DH27S, DH32, DH36	40.0
Normalized	Fine Grain Al	AH27S, AH32, AH36, DH27S, DH32, DH36	25.0
Normalizing Rolled	Fine Grain Al+V	AH32, AH36, DH32, DH36	25.0
Plates	Boiler & Pressure Vessel	Grades	mm thickness Maximum
As Rolled	Killed	360AR, 410AR	25.0
Normalized	Fine Grain Al+Nb	360FG, 410FG, 460FG, 490FG, 510FG	25.0
Normalized	Fine Grain Al+V	360FG, 410FG, 460FG, 490FG, 510FG	40.0
Normalized	Fine Grain Al	360FG, 410FG, 460FG, 490FG, 510FG	25.0
Normalizing Rolled	Fine Grain Al+V	360FG, 410FG, 460FG, 490FG, 510FG	25.0

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