



Certificate No : MD00/1951/0009/1

EREGLI DEMIR VE CELIK FABRIKALARI T.A.S.

KDZ. Eregli

67330

Zonguldak

Turkey

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

Steelmaking, Plates and Hot Rolled Coil

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 : 06 May 2014

Date of Issue : 30 June 2011

Clive D S Tuck

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

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



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Appendix 1

EREGLI DEMIR VE CELIK FABRIKALARI T.A.S.

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Steelmaking	B.O.S. / Con Cast	Grades	
		As below	
Plates	Normal Strength	Grades	mm thickness Maximum
As Rolled	Fine Grain Al	A, B	60.0
Normalized	Fine Grain Al	A, B, D, E	60.0
Plates	Higher Strength	Grades	mm thickness Maximum
Normalized	Fine Grain Al+Nb	AH27S, AH32, AH36, DH27S, DH32, DH36, EH27S, EH32, EH36, FH27S, FH32, FH36	60.0
Normalizing Rolled	Fine Grain Al+Nb	AH27S, AH32, AH36, DH27S, DH32, DH36	12.0
Plates	Boiler & Pressure Vessel	Grades	mm thickness Maximum
Normalized	Fine Grain Al+Nb	360FG, 410FG, 460FG, 490FG, 510FG	60.0
Normalized	Fine Grain Al	460FG, 490FG, 510FG	40.0
Normalized	Fine Grain Al	360FG, 410FG	60.0
Normalizing Rolled	Fine Grain Al+Nb	360FG, 410FG, 460FG, 490FG, 510FG	12.0
Hot Rolled Coil	Normal Strength	Grades	mm thickness Maximum
Hot Coiled	Fine Grain Al	A, B, D	15.0
Normalized	Fine Grain Al	A, B, D, E	15.0
Hot Rolled Coil	Higher Strength	Grades	mm thickness Maximum
Hot Coiled	Fine Grain Al+Nb	AH32, AH36, DH32, DH36	15.0
Normalized	Fine Grain Al+Nb	EH27S, EH32, EH36, FH27S, FH32, FH36	15.0
Hot Rolled Coil	Boiler & Pressure Vessel	Grades	mm thickness Maximum
Hot Coiled	Fine Grain Al+Nb	360FG, 410FG, 460FG, 490FG, 510FG	15.0
Hot Coiled	Fine Grain Al+Ti	360FG, 410FG, 460FG, 490FG, 510FG	5.0
Hot Coiled	Fine Grain Al	360FG, 410FG	15.0

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Appendix 2

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Hot Rolled Coil	Boiler & Pressure Vessel	Grades	mm thickness Maximum
Normalized	Fine Grain Al	360FG, 410FG, 460FG, 490FG, 510FG	15.0
EN 10028-2:1992 grades P235, P265GH, P295GH and P355GH may be accepted for approved marine applications.			
EN 10120:1996 grades P245NB, P265NB, P310NB and P355NB may be accepted for approved marine applications.			

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