



Certificate No : MD00/1404/0009/1

ARCELORMITTAL SOUTH AFRICA LTD.
Vanderbijlpark Steel
Delfos Boulevard
Vanderbijlpark, 1911
PO Box 2, Vanderbijlpark 1900
South Africa

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 : 07 May 2017
Date of Issue : 09 October 2014

Clive D S Tuck
Lead Metallurgical Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group



Certificate No : MD00/1404/0009/1

Appendix 1

ARCELORMITTAL SOUTH AFRICA LTD.

Vanderbijlpark Steel

Delfos Boulevard

Vanderbijlpark, 1911

PO Box 2, Vanderbijlpark 1900

South Africa

Steelmaking	B.O.S./E.A.F./Con Cast	Grades	
		As Below	
Semi-Finished Products	Slabs	Grades	mm thickness Maximum
		As below	240.0
Plates	Normal Strength	Grades	mm thickness Maximum
As Rolled	Fine Grain Al	A, B	30.0
As Rolled	Killed	A	50.0
Normalized	Fine Grain Al	A, B, D, E	30.0
Plates	Higher Strength	Grades	mm thickness Maximum
Normalized	Fine Grain Al	AH32, AH36, DH32, DH36, EH32, EH36, FH32, FH36	30.0
Plates	Boiler & Pressure Vessel	Grades	mm thickness Maximum
As Rolled	Killed	360AR, 410AR	40.0
Normalized	Fine Grain Al	360FG, 410FG, 460FG, 490FG, 510FG	30.0
Plates	Ferritic Low Temperature	Grades	mm thickness Maximum
Normalized	Fine Grain Al	LTAH32, LTAH36, LTDH32, LTDH36, LTEH32, LTEH36, LTFH32, LTFH36	30.0

Valid Until : 07 May 2017
Date of Issue : 09 October 2014

Clive D S Tuck

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

TO	LR Johannesburg	DATE 09 October 2014
FROM	Materials and NDE	YOUR REF CTN 1410615 OUR REF MAT/M1404/1863632
SUBJECT	Notice of approval ARCELORMITTAL SOUTH AFRICA LTD. Vanderbijlpark Steel Delfos Boulevard Vanderbijlpark, 1911 PO Box 2, Vanderbijlpark 1900 South Africa	APPROVAL VALID UNTIL 07 May 2017

1. Reference is made to your email dated 27 June 2014.
2. In view of the satisfactory nature of your Periodic Inspection Report the above Works has been retained on the LR Approved List.
3. Please find enclosed a formal Certificate of approval for onward transmission to the firm. Should you require a copy for your own files, a photocopy of the original may be taken. Also enclosed is a copy of the firm's scope of approval for your records. A summary of this will appear in the next publication and you should therefore ensure that it is accurate.
4. Clients should be presented with the prestige approval certificate together with a letter welcoming them to the List of Approved Manufacturers and a copy of Chapter 1 of the Rules for Materials. The suggested text of the letter and a copy of the relevant Rules may be downloaded from the following links on the HUB (Intranet/Marine/Operational support/Surveyor Support/Approval Lists and Forms/Approval Forms/ Chose 'New Approval Letter to Manufacturers'. The text may be edited and translated to reflect local customs and languages, however the letter must include the sections relating to the conditions of approval.
5. It should be noted that if at some future date the firm wish to increase the size or alter the grade or the supply condition outside the scope of approval, procedure tests, in accordance with the appropriate Materials and Qualification Procedure will be required to be carried out.
6. Our fees will be calculated on an hourly basis at M2 + 10% against your parent work order. The actual invoice to clients should be based on fixed charges of £325, excluding V.A.T, PLUS your local office charges.
7. The Lists are now on the Internet. Please direct the client to www.cdlive.lr.org to look under Approved Lists. This approval information should be available within the next 30 days.

Reported by:



Clive Arnold
Senior Metallurgical Specialist
Materials & NDE
Marine Technology & Engineering Service
Lloyd's Register EMEA

Authorised by:



Clive D S Tuck
Lead Specialist - Metallurgy & Corrosion
Materials & NDE

TO	LR Johannesburg	DATE 09 October 2014
FROM	Materials and NDE	YOUR REF OUR REF MAT/M1404/CAE/
SUBJECT	Scope of Approval ARCELORMITTAL SOUTH AFRICA LTD. Vanderbijlpark Steel Delfos Boulevard Vanderbijlpark, 1911 PO Box 2, Vanderbijlpark 1900 South Africa	

MAKE OF APPROVED TESTING MACHINE	TYPE	MACHINE NUMBER	CAPACITY	UNIT
SCENCK TREBEL	Impact	217172	600	Joules
INSTRON	Tensile	J3921	600	kN
INSTRON	Tensile	J2724	600	kN
SATEC	Tensile	205493	1200	kN
INSTRON	Tensile	4204H0592	50	kN
INSTRON	Tensile	3369K1456	50	kN
INSTRON	Tensile	4469H1293	50	kN
SANS	Impact	20711045	750	Joules

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Plates	Ferritic Low Temperature	Grades	mm thickness Maximum
Normalized	Fine Grain Al	LTAH32, LTAH36, LTDH32, LTDH36, LTEH32, LTEH36, LTFH32, LTFH36	30.0