



CERTIFICATE NUMBER
STML-T1652194

ISSUING OFFICE
London Engineering
Department

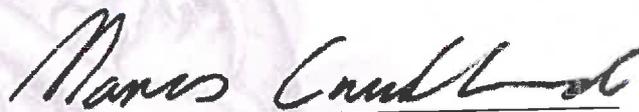
CERTIFICATE OF STEEL MILLS FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of
ARCELORMITTAL BELVAL & DIFFERDANGE S.A.
SITE DE BELVAL, L-4008 ESCH/ALZETTE, Luxembourg

attend its facilities as indicated in the ABS City Antwerp Port port office survey report number 3327180 dated 26 June 2017 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Section components for marine applications

in accordance with the ABS Approval letter (Reference T1652194), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 25 June 2022 subject to adherence to relevant ABS Rules and Survey requirements.



Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 26 June 2017
EXPIRY DATE: 25 June 2022



NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, Guides, standards or other criteria of ABS as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a full description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of ABS who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.



ARCELORMITTAL BELVAL & DIFFERDANGE S.A. (020363)
SITE DE BELVAL,
L-4008 ESCH/ALZETTE,
LUXEMBOURG

Reference: NE/NV T1652194
Project Number: 3947479
Certificate no: STML-T1652194

ATTN: Mr. Roberto Klecker

**Renewal Steel Mill Facility and Process Approval
ABS Approval of ARCELORMITTAL BELVAL & DIFFERDANGE S.A. – SITE DE BELVAL,
Esch/Alzette, Luxembourg**

We have the ABS plant survey report AN3327180 dated 26 June 2017, along with your submittals of 13 July 2017 together with enclosures relative to the subject. With regard thereto we advise that ARCELORMITTAL BELVAL & DIFFERDANGE S.A., SITE DE BELVAL, Esch/Alzette, Luxembourg is considered approved to produce shapes to the requirements of *ABS Materials & Welding Rules Part 2 (2017)* as outlined herein, provided the Rules are adhered to in all respects and all production, testing and inspection are to the satisfaction of the attending ABS Surveyor.

The approval is valid for five years and will expire on 25 June 2022. Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters and request renewal of approval prior to the five year expiry date. Our invoice to cover the costs of the technical review is subject to separate correspondence.

An electronic copy of the drawings, appropriately stamped, is available through the ABS Eagle Construct Engineering Manager (O2E) Web portal. If you need to contact ABS regarding this review please email Nina Edmonds at nedmonds@eagle.org or Nikolaos Vrellos at nvrellos@eagle.org.

Very truly yours

Stefano Penco
Vice President of Engineering
ABS Europe Ltd.

Nikolaos Vrellos
Principal Engineer, Materials
London Offshore Engineering Department

CC: ABS Antwerp
EC: ABS Houston Materials



Renewal Steel Mill Facility and Process Approval
ABS Approval of ARCELORMITTAL BELVAL & DIFFERDANGE S.A. – SITE DE BELVAL, Esch/Alzette, Luxembourg

Product	Grades	Maximum Thickness	Steel Making Practice	Deoxidation Practice	Fine Grain Practice	Casting Practice	Heat Treatment Facility	Delivery condition
Shapes	A	26 mm	EAF	Si	N/A	Continuous Cast	N/A	As Rolled
Marking AB/A								



Drawing List

Engineering Office:	London Engineering Department	
Submitter:	ARCELORMITTAL BELVAL & DIFFERDANGE S.A. (020363)	
Drawing No	Revision No	Drawing Title
Correspondence	-	Plan Approval Request Form - Site de Belval
MMdb approval request Rev14	-	MMdb approval request
Correspondence	-	I-C Billing
Correspondence	-	I-CAntweer billing
Confirmation	-	Confirmation of non changes
Plant Survey	-	Plant Survey
Statistics grade A cmbd	-	Statistics grade A
AM SITE DE BELVAL ISO 9001 CERT	-	ISO 9001