



SA INDUSTRIEL BELGIUM
ARCELORMITTAL GROUP,
266 RUE DE CHATELET,
BE 6030 CHARLEROI,
BELGIUM

Reference: T1088690 (SM/DH)
Project Number: 1797415

ATTN: Mr. Karim Bahri

Steel Mill Process and Facility Approval ABS Approval of SA Industriest Belgium

We have received the ABS Plant Survey reports AN1744786 dated 23 Oct 2009 and AN2398424 dated 09 July 2013 together with your submittals of 23 September 2013 together with email discussion relative to the subject. With regard thereto we advise that SA Industriest Belgium is considered approved to supply ABS extra high strength quench and tempered hull steel as outlined below, provided the *ABS Materials and Welding Rules Part 2 (2013)* *ABS MODU Rules Part 3-A1-3 (2012)* are adhered to in all respects and all production and inspection are carried out to the satisfaction of the attending ABS Surveyor.

Product	:	Plates and Shapes
ABS Grades	:	AQ/DQ/EQ/FQ 70 Z25/35
Maximum Thickness	:	90 mm
Deoxidation Practice	:	Silicon Killed
Fine Grain Practice	:	Aluminium and Vanadium treated
Secondary treatment	:	Vacuum Degassing and Soft Reduction
Casting Process	:	Continuously Cast
Heat Treatment	:	Quench and Tempered
Marking	:	AB/AQ 70 Z25/35; AB/DQ 70 Z25/35; AB/EQ 70 Z25/35; AB/FQ 70 Z25/35;

A copy of the documentation appropriately stamped to indicate our review is being retained. The approval is valid for five years from the date of this letter. Renewal of approval is to be sought by the subject facility prior to the five year expiry date. It is the responsibility of the facility to inform ABS of any changes in manufacturing parameters. Please find enclosed our invoice to cover the cost of this review.

If you need to contact ABS regarding this review please call Satya Meruva on +44 (0)20 7377 4482 or e-mail smeruva@eagle.org.

Very truly yours

Dimitrios G. Kostaras
ABS Europe Ltd.
Vice President of Engineering

Satya Meruva
Senior Engineer, Materials
London Offshore Engineering Department

CC: ABS Antwerp
EC: ABS Houston Materials Dept

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Drawing List

Engineering Office:	London Engineering Department	
Submitter:	SA INDUSTRIEL BELGIUM	
Drawing No	Revision No	Drawing Title
AN1744786 PS	-	PS Survey Report
AN2398424 QA	-	QA audit
EQ70Z properties	-	Test results
EQ70Z statistics	-	Statistical Data

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