



**Task – T2090846**  
**Aluminium Mill Approval - Renewal**  
**Certificate No. ALML-T2090846;**  
**QA- 4667067**

Attention: Henri Gerard, CONSTELLIUM ISSOIRE (898174)

The documents shown in the attached list are reviewed or filed for reference in accordance with the applicable requirements of the following and the facility is considered approved to manufacture products for hull application as outlined in the process/product approval.

1. ABS Rules for Materials and Welding Part 2 (2021)

Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters and request periodic quality audit or renewal of approval prior to the five year expiry date.

For any clarifications, contact Nikos Vrellos at +31 6827 49049, or [nvrellos@eagle.org](mailto:nvrellos@eagle.org).

Very truly yours,

Wei-Biao (Bill) Shi  
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
Complaint No.SAP 50052704	-	Non-Conformance Resolution	Filed by ABS for Reference Only
Correspondence	-	Plan Approval Request Form	Correspondence
PO 4900668893	-	Purchase Order	Filed by ABS for Reference Only
PV855201-190418	-	Inspection Certificate	Filed by ABS for Reference Only
CF-IS_SMQ_MF_2021-014	-	2020-2nd half_StatAnalysis Marine Product Productivity	Reviewed
Manufacturing No Changes	-	Client Confirmation	Reviewed
MANUEL QESS - PROCESSUS DIRECTION GENERAL MANAGEMENT	-	QA Manual	Reviewed
Correspondence		Fee Confirmed	Correspondence

An electronic copy of the documents appropriately stamped will be returned by FTP/e-mail.

Process/Product Approval

Product	Grade	Temper	Maximum Thickness	Billet Source
Sheets/ Plates	ABS – 5083	H321MG	3-76.2 mm	Semi Continuous Casting
Sheets/ Plates	ABS – 5456	H321MG	3-80 mm	Semi Continuous Casting
Sheets/ Plates	Non-ABS – 5083 EN 485-2 or ASTM B928	H116MG	51-76.2 mm	Semi Continuous Casting
Sheets/ Plates	ABS - 5083	H111	4-51 mm	Semi Continuous Casting
Sheets/ Plates	Non-ABS - 5083 EN 485-2	H111	51-300 mm	Semi Continuous Casting
Sheets/ Plates	Non-ABS – 5383 EN 485-2 or IS-5416	H116MG	51-65 mm	Semi Continuous Casting
Sheets/ Plates	Non-ABS - 5383 EN 485-2	H111	51-150 mm	Semi Continuous Casting
Sheets/ Plates	Non-ABS - 5383 IS-5416	H111	51-285 mm	Semi Continuous Casting
Sheets/ Plates	Non-ABS – 5456 EN 485-2 or ASTM B928	H116MG	51-101 mm	Semi Continuous Casting
Sheets/ Plates	ABS - 5083	O, H116MG	3-51 mm	Semi Continuous Casting
Sheets/ Plates	ABS - 5086	O, H321MG, H116MG	3-51 mm	Semi Continuous Casting
Sheets/ Plates	ABS - 5383	O, H111, H116MG, H321MG	3-51 mm	Semi Continuous Casting

Sheets/ Plates	Non-ABS Sealium® <sup>2</sup> IS 5423	H116MG	3-51 mm	Semi Continuous Casting
Sheets/ Plates	ABS - 5456	H116MG	2.54-51 mm	Semi Continuous Casting
Sheets/ Plates	ABS - 5456	O	3-51 mm	Semi Continuous Casting
<b>Heat Treatment Facility:</b> In-House				

- 1) Under thickness tolerance for ABS grade rolled products shall be in accordance with ABS Rules 2-5-7/Table 1
- 2) Sealium® is a brand name of the manufacturer

Include: Manufacturer Approval Certificate (ALML-T2090846) and QA Certificate (QA-4667067)