



**Task – T2303377**  
**Steel Mill Approval - Extension**  
**Certificate No. STML-T2260071-2**

Attention: Mr. Ma Jing, HUNAN VALIN LIANYUAN IRON & STEEL CO. LTD. (WCN: 383480)

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 (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.

For any clarifications, contact Ms. Lin Lihong at 86+21-23270994, [llin@eagle.org](mailto:llin@eagle.org).

Very truly yours,

Wei-Biao (Bill) Shi  
Vice President

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
Application form	N/A	Application form	Filed by ABS for Reference Only
Application Document	N/A	Company Info., Manufacturing Process	Reviewed
Test Plan	N/A	Test Plan	Reviewed
Mill Test Record	N/A	Original Record	Reviewed
Mill Test Report	N/A	Chemistry, Mechanical, etc.	Reviewed
Weldability Test Report	N/A	Weldability Test Report	Reviewed

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

Process/Product Approval

Product	Grade	Thickness	Fine Grain Practice	Casting Practice <sup>1</sup>	Delivery Condition <sup>1</sup>
Extension of Approval					
Coil, Plate from Coil	ABS – AH*/DH 32*/36	20 mm	Al+Nb+Ti	CC	TMCP
<b>Steel Making Practice:</b> BOF <b>Deoxidation Practice:</b> Si-Al-Mn Killed <b>Heat Treatment Facility:</b> In-house					
Previously Approved Grades					
Coil, Plate from Coil	ABS – A*/B*/D	25 mm	Al	CC	CR
<b>Steel Making Practice:</b> BOF <b>Deoxidation Practice:</b> Si-Al Killed <b>Heat Treatment Facility:</b> In-house					
Plate	Non-ABS – A553/SA-553 Type I Z35, EN10028-4 X7Ni9 Z35, X8Ni9+QT640 Z35, X8Ni9+QT680 Z35	25 mm	Al	CC	QT
<b>Steel Making Practice:</b> BOF <b>Deoxidation Practice:</b> Al Killed <b>Heat Treatment Facility:</b> In-house					

- Note 1:
- a. CC: Continuous Casting
  - b. CR: Controlled Rolling
  - c. QT: Quenching and Tempering
  - d. TMCP: Thermo-Mechanical Controlled Processing

Include: Manufacturer Approval Certificate (STML-T2260071-2)