

Shanxi Taigang Stainless Steel Co., Ltd. (209107)
No. 2 Jiancaoping
Taiyuan, P. R. China

Reference: T1485104
Project Number: 3685372
Certificate No: 5TML-T1239732

ATTN: Mr. Hong-Yi Zhang

## Extension of Steel Mill Facility and Process Approval ABS Approval of Shanxi Taigang Stainless Steel Co., Ltd., Taiyuan, China

We have the ABS Qingdao plant survey report QD3055449-A dated 25 December 2015, along with your submittals of 04 February 2016 together with enclosures relative to the subject. With regard thereto we advise that Shanxi Taigang Stainless Steel Co., Ltd. Is considered approved to produce rolled steel to the requirements of the ABS Rules for Materials and Welding 2-A4-2 (2016) 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 will expire on 23 September 2019 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.

A copy of the documentation appropriately stamped to indicate our review is being retained. If you need to contact ABS regarding this review please email James Oehrle at joehrle@eagle.org.

Very truly yours

Roy H. Bleiberg Vice President of Engineering, ABS Americas

V. Balasubramaniam Principal Engineer, ABS Materials Houston



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| Product            | Specification  | Grade                        | Maximum<br>Thickness | Steel Making<br>Practice                            | De-Oxidation<br>Practice | Fine Grain<br>Practice | Casting<br>Practice   | Heat Treatment<br>Facility | Delivery                 |
|--------------------|--|------------------------------|----------------------|---|--------------------------|------------------------|-----------------------|----------------------------|--------------------------|
| Plates             | ASTM A240  | 304                          | 40 mm                | Electric Arc Furnace + Argon-Oxygen Decarburization | Fully Killed             | N/A                    | Continuous<br>Casting | In-House                   | Solution Heat<br>Treated |
| Plates             | ASTM A240  | 304L                         |                      |   |                          |                        |                       |                            |                          |
| Plates             | ASTM A240  | 316                          |                      |   |                          |                        |                       |                            |                          |
| Plates             | ASTM A240  | 316L                         |                      |   |                          |                        |                       |                            |                          |
| Plates             | ASTM A240  | S32304                       |                      |   |                          |                        |                       |                            |                          |
| Plates             | ASTM A240  | 531803                       |                      |   |                          |                        |                       |                            |                          |
|                    |  |                              |                      |   |                          |                        |                       |                            |                          |
| Plate from<br>Coil | ABS  | A*, B*, D                    | 24 mm                | Electric Arc<br>Furnace                             | Si-Al                    | Al                     | Continuous Casting    | In-House                   | Control Rolled<br>(CR)   |
| Plate from<br>Coil | ABS  | AH32*, AH36*,<br>DH32*, DH36 | 24 mm                | Electric Arc<br>Furnace                             | Si-Al                    | Al+Nb+V                | Continuous<br>Casting | In-House                   | Control Rolled<br>(CR)   |
| Marking            | AB/A, AB/B, AB/DN, AB/AH32, AB/AH36, AB/DH32N, ABDH36N |                              |                      |   |                          |                        |                       |                            |                          |