



Renewal Approval of Steel Mill

8th September 2014

Shanxi Taigang Stainless Steel Co., Ltd.
No.2 Jiancaoping Road,
Taiyuan City
Shanxi Province
P.R.China

Refer to: KTWANG/LXSUN

File Ref: S-6

Re: Plant Survey & Testing

Gentlemen:

A survey of Shanxi Taigang Stainless Steel Co., Ltd, Taiyuan Shanxi Province, People's Republic of China, was conducted by an exclusive Surveyor to the American Bureau of Shipping on the 11th April 2014 and subsequent dates. Results of the survey indicated that the steel mill is capable of producing steel plates as listed on the attachments in accordance with the Rules of this Bureau.

Therefore, Shanxi Taigang Stainless Steel Co., Ltd may produce the steel plates as listed in the attachments in accordance with ABS Rules, including the witnessing of prescribed tests, provided the material in production is to the satisfaction of the attending Surveyor.

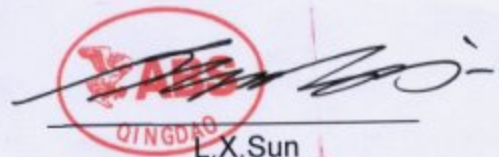
Please note that our plant survey carried out is for the product and process as listed in the attachments. When new or special steels or production methods are proposed, data in support of mechanical properties, weldability and compliance with ABS Rules are required by 2-1-2/3, 2-1-3/3 and 2-A4-2/3.1.2 of ABS Rules at which time another plant survey by an exclusive Surveyor will be required.

Please note if your company does not produce any grade of ABS Hull structural steels for **a period of over one year**, an additional plant survey is to be carried out by an attending surveyor before any further product inspection.

This approval letter is valid until 7th September 2019.

Renewal of approval is subject to a plant audit and re-approval test as applicable as required by 2-A4-2/11 of ABS Rules not later than 7th September 2019.

Very truly yours,


L.X. Sun
Principal surveyor

cc : ABS Houston Materials

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GREATER CHINA DIVISION

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Attachment A**Attachment to Approval letter Dated 8th September 2014**

Shanxi Taigang Stainless Steel Co., Ltd.
No.2 Jiancaoping Road,
Taiyuan City
Shanxi Province
P.R.China

Refer to: KTWANG/LXSUN

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Hull Structural Steel:

	Table 1-1
Product	Coiled Steel
ABS Grades	: A*, B*, D
Deoxidization Practice	: Si-Al Killed
Fine-Grain Practice	: Al Treated
Casting Practice	: Continuous Casting(CC)
Rolling/Heat Treatment Practice	: Control Rolled(CR)
Maximum Thickness	: 24mm

	Table 1-2
Product	Plate from Coiled Steel
ABS Grades	: A*, B*, D
Source of Coiled Steel	: Shanxi Taigang Stainless Steel Co., Ltd.
Uncoiling Plant	: Shanxi Taigang Stainless Steel Co., Ltd
Maximum Thickness	: 24mm
Markings	: AB/A, AB/B, AB/DN


DINGDAO

L.X.Sun

Principal surveyor

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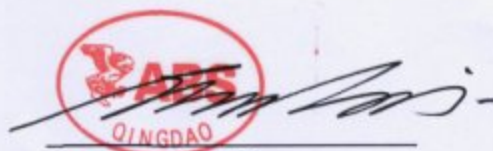
File Ref: S-6

Hull Structural Steel:

	Table 2-1
Product	Coiled Steel
ABS Grades	: AH32*, AH36*, DH32*, DH36
Deoxidization Practice	: Si-Al Killed
Fine-Grain Practice	: (Al+Nb+V) Treated
Casting Practice	: Continuous Casting(CC)
Rolling/Heat Treatment Practice	: Control Rolled(CR)
Maximum Thickness	: 24mm

	Table 2-2
Product	Plate from Coiled Steel
ABS Grades	: AH32*, AH36*, DH32*, DH36
Source of Coiled Steel	: Shanxi Taigang Stainless Steel Co., Ltd.
Uncoiling Plant	: Shanxi Taigang Stainless Steel Co., Ltd
Maximum Thickness	: 24mm
Markings	: AB/AH32, AB/AH36, AB/DH32N, AB/DH36N

NOTE: The approvals of asterisk() superscripted grades in each one of the above table are based on the qualification test data presented on non-asterisk superscripted grade in the same table, and hence, these derivative benefit grades are to be metallurgical equivalent (in terms of chemistry and processed identically) to their respective qualifying grade, in all aspects.


QINGDAO

L.X.Sun
Principal surveyor