



FACTORY PRODUCTION CONTROL CERTIFICATE
In compliance with the requirements of BC1:2012 and the
Building and Construction Authority, Singapore.

This is to certify that the Factory Production Control System of:

Jiangsu Shagang Group Co., Ltd.

In the production facility located at:

Jinfeng Town, Zhangjiagang City, Jiangsu Province
People's Republic of China

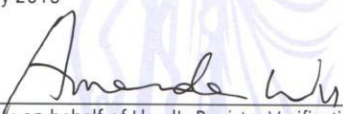
has been assessed against the Factory Production Control requirements of BC1:2012 and conforms to the requirements for the production of:

Hot Rolled Steel Products

This certificate is only valid when accompanied by a current schedule with the same number detailing the product standards, material grades and other details corresponding to this approval.

Approval is subject to the continued surveillance of the management system in accordance with the requirements of BC1:2012. Unauthorised changes to the management system will render this approval invalid.

Certificate No:	QAC6004911
Original Approval:	26 September 2008
Current Certificate:	05 February 2013
Certificate Expiry:	04 February 2016


Amanda Wu on behalf of Lloyd's Register Verification

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**SCHEDULE TO FACTORY PRODUCTION CONTROL CERTIFICATE
QAC6004911**

**In compliance with the requirements of BC1:2012 and the
Building and Construction Authority, Singapore.**

Jiangsu Shagang Group Co., Ltd.

In the production facility located at:

**Jinfeng Town, Zhangjiagang City, Jiangsu Province
People's Republic of China**

Mill Identification and
Products
**HEAD FACTORY OF PLATE
AND COIL**

(HOT ROLLED COIL-MILL
NO.:1)
-Hot rolled coil

Standard, Grade and Size

GB/T3274-2007 Hot-rolled plates and strips of carbon structural steels and high
strength low alloy structural steels
GB/T 700-2006 Carbon structural steels (Q235BZ, Q235CZ, Q235DTZ)
GB/T1591-2008 High strength low alloy structural steels (Q345B, Q345C, Q390C)
GB/T5313-2010 Steel plate with through-thickness characteristics (Q345GJBZ)
JIS G3106 - 2008 Rolled steel for welded structure (SM490A, SM490B)

API 5L-2010 Specification for line pipe (B-PSL-2, X42-PSL-2, X46-PSL-2, X52-PSL-2,
X56-PSL-2, X60-PSL-2, X65-PSL-2,)
ASTM A36-08 Standard specification for carbon structural steel (A36)
ASTM A572-2007 Standard specification for High-strength low-alloy columbium-
vanadium structural steel (Gr. 50 【345】)

Size in thickness: 1.5 mm~20mm, in width: up to 1550mm;

**HEAD FACTORY OF PLATE
AND COIL**

(ROLLED PLATE-MILL NO.:1)
- Hot rolled plate


GB/T3274-2007 Hot-rolled plates and strips of carbon structural steels and high
strength low alloy structural steels
GB/T 700-2006 Carbon structural steels (Q235BZ, Q235CZ, Q235DTZ)
GB/T1591-2008 High strength low alloy structural steels (Q345B, Q345C, Q390C)
GB/T5313-2010 Steel plate with through-thickness characteristics (Q345GJBZ)
JIS G3106 - 2008 Rolled steel for welded structure (SM490A, SM490B)

API 5L-2010 Specification for line pipe (B-PSL-2, X42-PSL-2, X46-PSL-2, X52-PSL-2,
X56-PSL-2, X60-PSL-2, X65-PSL-2,)
ASTM A36-08 Standard specification for carbon structural steel (A36)
ASTM A572-2007 Standard specification for High-strength low-alloy columbium-
vanadium structural steel (Gr. 50 【345】)

Size in Thickness: 5mm~100mm, in width: up to 4800mm;

Schedule Issue: 03

Date of Schedule Issue: 05 February 2013


Amanda Wu on behalf of Lloyd's Register Verification

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Jiangsu Shagang Group Co., Ltd.

In the production facility located at:

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People's Republic of China**

**Mill Identification and
Products**

Standard, Grade and Size

**Yongxin ribbed steel bars
production line**
-Ribbed steel bars

GB1499.2-2007 and No.1 amendment Steel for the reinforcement of
concrete-part 2: Hot rolled ribbed bars.
(HRB335, HRB400, HRB500, HRB335E, HRB400E, HRB500E)

Size in diameter up to ϕ 32mm.


**Shajing ribbed steel bars
production line**
-Ribbed steel bars

GB1499.2-2007 and No.1 amendment Steel for the reinforcement of
concrete-part 2: Hot rolled ribbed bars.
(HRB335, HRB400, HRB500, HRB335E, HRB400E, HRB500E)

Size in diameter up to ϕ 14mm.

Schedule Issue: 03

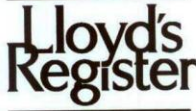
Date of Schedule Issue: 05 February 2013


Amanda Wu on behalf of Lloyd's Register Verification

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This is to certify that the Factory Production Control System of:

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has been assessed against the Factory Production Control requirements of BC1:2008
and conforms to the requirements for the production of:

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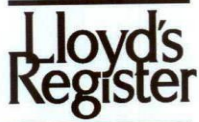
Approval is subject to the continued surveillance of the management system in
accordance with the requirements of BC1:2008. Unauthorised changes to the
management system will render this approval invalid.

Certificate No:	QAC6004911
Original Approval:	26 September 2008
Current Certificate:	26 September 2011
Certificate Expiry:	25 September 2014

Fucheng Lin on behalf of Lloyd's Register Verification

Lloyd's Register Verification Limited, 71 Fenchurch Street London EC3M 4BS UK

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CERTIFICATE QAC6004911**

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Jiangsu Shagang Group Co., Ltd.

In the production facility located at:

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People's Republic of China**

Mill Identification and Products

Material specifications:

GB/T3274-2007 Hot-rolled plates and strips of carbon structural steels and high strength low alloy structural steels (Q235B, Q345B, Q345C, Q390C)

GB/T700-2006 Carbon structural steels

GB/T1591-2008 and amendment: High strength low alloy structural steels

GB/T5313-2010 Steel plate with through -thickness characteristics (Q345GJBZ)

GB1499.2-2007 Steel for the reinforcement of concrete-part 2: Hot rolled ribbed bars (HRB335, HRB400, HRB500, HRB335E, HRB400E, HRB500E)

With dimensional and/or mass tolerances in accordance with:

GB/T 709-2006 Dimension, shape, weight and tolerances for hot-rolled plates and sheets

Material specifications:

ASTM A36-08 Standard specification for carbon structural steel (A36)

ASTM A572-2007 Standard specification for High-strength low-alloy columbium-vanadium structural steel (Gr. 345)

With dimensional and/or mass tolerances in accordance with:

ASTM A6 / A6M-09 Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling

JIS G3106-2008 Rolled steel for welded structure (SM490A, SM490B)


API 5L-2007+A1-2009+A2-2010 Specification for line pipe

(B-PSL-2, X42-PSL-2, X46-PSL-2, X52-PSL-2, X56-PSL-2, X60-PSL-2, X65-PSL-2)

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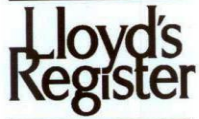
Schedule Issue: 02

Date of Schedule Issue: 26 September 2011


Fucheng Lin on behalf of Lloyd's Register Verification

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Lloyd's Register Verification Limited, 71 Fenchurch Street London EC3M 4BS UK



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HEAD FACTORY OF PLATE AND COIL (HOT ROLLED COIL-MILL NO.1) Size in thickness: 1.5mm~20mm; in width: up to 1550mm Material specification: Q235B, Q345B, Q345C, A36, B-PSL-2, X42-PSL-2, X46-PSL-2, X52-PSL-2, X56-PSL-2, X60-PSL-2, X65-PSL-2, SM490A, SM490B
HEAD FACTORY OF PLATE AND COIL (ROLLED PLATE-MILL NO.1) Size in thickness: 5mm~100mm; in width: up to 4800mm Material specification: Q235B, Q345B, Q345C, Q390C, Q345GJBZ, Gr. 50, A36, B-PSL-2, X42-PSL-2, X46-PSL-2, X52-PSL-2, X56-PSL-2, X60-PSL-2, X65-PSL-2, SM490A, SM490B
Ribbed steel bars GB1499.2-2007 Steel for the reinforcement of concrete - part 2: Hot rolled ribbed bars
Yongxin ribbed steel bars production line Size in diameter up to ϕ 32mm HRB335, HRB400, HRB500, HRB335E, HRB400E, HRB500E
Shajing ribbed steel bars production line Size in diameter up to ϕ 14mm HRB335, HRB400, HRB500, HRB335E, HRB400E, HRB500E

Schedule Issue: 02

Date of Schedule Issue: 26 September 2011

Fucheng Lin on behalf of Lloyd's Register Verification