



**BUREAU  
VERITAS**

## TYPE APPROVAL CERTIFICATE

Certificate No.: **TA- IDD/S-08/952 rev.A**

Name of the factory : **Jiangsu Yinhuan Precision Steel Tube Co., Ltd.**

Address of the factory : **Economic Development, Yixing, Jiangsu, China 214203**

Type(s) of seamless pipe / tube manufactured: **Carbon-steel, Alloy-steel and  
Stainless-steel Seamless Pipe / Tube**

Applying Standards : **ASME/ASTM Code (detail as annex)**  
OD & Wall thickness : **OD 5mm – 426mm × W.T. 0.4mm – 40mm**

After examination of the following documents:

- Test reports for type approval n° *IDD/S-08/952 dated Nov. 18<sup>th</sup>, 2008*

The undersigned, Inspector to Bureau Veritas, certifies that the above type meets the applicable requirements for the type approval of seamless pipe/tube above.

This approval remains valid as long as no significant changes are made to the facility, its production rate and its quality system. These conditions are assessed during each inspection of series.

This approval is an integral and indissociable part of the certification process managed by Bureau Veritas as defined in BV procedure GM SI 210.

Made at: Shanghai

Name & signature:

Gilles Fan

BV China Industry Department Manager

On: Nov. 18<sup>th</sup>, 2011





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# FACTORY APPROVAL CERTIFICATE

Certificate No.: **FA-INS/S-12/0151**

Name of the factory : **Jiangsu Yinhan Precision Steel Tube Co., Ltd.**  
Address of the factory : **Economic Development, Yixing, Jiangsu, China 214203**

Type(s) of seamless pipe / tube manufactured: **Carbon-steel, Alloy-steel and  
Stainless-steel Seamless Pipe/Tube**

Applying standards: **ASME/ASTM Code (detail as annex)**

After examination of the following documents:

- Factory Audit Report n° FR-INS/S-12/0151
- Test Reports for Type Approval n° TR- IDD/S-08/952

The undersigned, inspector to Bureau Veritas, certifies that the above factory meets the applicable requirements for the production of the following types of seamless tube/pipe listed in **Annex to Certificate**.

This certificate is valid from : **November. 17<sup>th</sup>, 2011**

For a period of three years, ending : **November. 18<sup>th</sup>, 2014**

This approval is only valid when no significant changes are made to the audited facility, its production rate and its quality system. These conditions are assessed during semi-annually audits.

This approval is an integral and indissociable part of the certification process managed by Bureau Veritas as defined in BV procedure GM SI 210.

Made at: Shanghai

Name & signature:

Gilles Fan

On: Nov. 18<sup>th</sup>, 2011

BV China Industry Department Manager





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**ANNEX TO CERTIFICATE**

**No. FA-INS/S-12/0151**

1. Name of the factory : **Jiangsu Yinhuan Precision Steel Tube Co., Ltd.**
2. Address of the factory: **Economic Development, Yixing, Jiangsu, China 214203**
3. Applying standards : **ASME/ASTM Code – 106,179,192,199,209,210,213,268,312,  
335,376,423,450,524,530,556,731,789,790.**

Type of Product Cold finished (cold-drawn and rolled) Seamless Carbon-steel,  
Alloy-steel and Stainless-steel Pipe(Tube)

OD & OD 5mm – 426mm × W.T. 0.4mm – 40mm

Wall-thickness

- Satisfactory audit of the above mentioned factory and issuance of the references report as per the Factory Approval Certificate.

This certificate is valid for 3 years (November. 17<sup>th</sup>, 2014), providing that the semi-annual surveillance visits made by the society are satisfactory. After that period it shall be renewed in accordance with the Bureau Veritas Rules.

1 <sup>st</sup> Year Period:		2 <sup>nd</sup> Year Period:		3 <sup>rd</sup> Year Period:	
18/11/2011~ 17/05/2012	18/05/2012~ 17/11/2012	18/11/2012~ 17/05/2013	18/05/2013~ 17/11/2013	18/11/2013~ 17/05/2014	18/05/2014~ 17/11/2014
Sign & Stamp:	Sign & Stamp:	Sign & Stamp:	Sign & Stamp:	Sign & Stamp:	Sign & Stamp:

This inspection has been carried out within the scope of Bureau Veritas General Conditions; it does not release the seller from his contractual obligations towards the buyer.





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## FACTORY AUDIT REPORT n° FR-INS/S-12/0151

*Rapport d'audit de l'usine ou de l'unité de fabrication*

- for each work station, the level of mechanization is sufficient to ensure homogeneous production (indicate the type and the number of machines for each), Yes
- the batch and inspection lot definitions take into account the actual production equipment, Yes
- all special processes are qualified and recorded, Yes
- competences and compliance of subcontractors are under Quality Assurance Department control, Yes
- assessment of the results of subcontractors activities are recorded and updated, Yes
- records are legible and allow satisfactory follow-up of the operations, Yes
- the measurement devices are suitable and their uncertainty is known (attach list of main devices with their uncertainty), suitable
- the test benches allow unattended surveillance by the BV inspector, Yes
- the acceptability criteria for each measure specified by the standard are defined and take the uncertainty into account, Yes
- the production of the series for type testing has been witnessed, NA
- samples for the type test have been selected by the BV inspector, NA
- testing was witnessed by the BV Auditor at the manufacturer's laboratory, NA
- testing was witnessed by the BV Auditor at the subcontracted laboratory of ... NA
- certification of this subcontracted laboratory has been checked, NA
- final inspection plans are properly managed, Yes

#### 4. **Conclusion**

The above verifications have been performed by the undersigned Auditor to Bureau Veritas.

This report is transmitted to the manufacturer for further processing of the Factory Approval Application.

#### **Attachments:**

- *Certificate of Quality System*
  - *Inspection and Test Plan (ITP) specimen*
  - *Qualification reports of routine tests performed on the whole production (i.e. welding machines, hydraulic test, load test, dielectric test, insulation test, heat treatment...)*
1. [QCP.pdf](#)
  2. [QSM Certificate.jpg](#)



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**FACTORY AUDIT REPORT n° FR-INS/S-12/0151**

*Rapport d'audit de l'usine ou de l'unité de fabrication*

**Inspected by:**

Name: Ding Jin Signature...

Date of issue... June. 10<sup>th</sup>, 2012



**Checked by:**

Name: Ding Du Signature...

**Inspection centre:** BV Shanghai

Distribution:  CLIENT

MANUFACTURER

