

ZHONGDA SPECIAL STEEL

# ENTERPRISE CERTIFICATION

ZHONGDA · CHINA

**ZHEJIANG ZHONGDA SPECIAL STEEL CO., LTD**

ADD: BAIBU ROAD, HAIYAN COUNTY, ZHEJIANG PROVINCE, CHINA

ZIP: 314312

TEL: (+86) 573 8677 0879

FAX: (+86) 573 8677 9598

Http:// www.zhongdasteel.com

E-mail: wgf@zhongdasteel.com

ggzxj@zhongdasteel.com

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EDITION 2018



China Famous Brand



Since established in 1992, as a manufacturer of stainless steel seamless tube & pipe, Zhongda has been obtaining the good experience and results in producing the products and exporting to Pipe Fitting Factory, Shipbuilding Companies, Nuclear Power Station, Power Station, Petro-chemical Field, Oil Refinery, Off-shore Industry, Heat Exchanger Factory, Boiler Factory and also participating in many projects in abroad for many years.


Our Quality Team has been studying to develop the techniques in order to supply the better products to our customers. Furthermore, we are doing our best to meet their requirements with the newest facilities in our new workshop established exactly according to the requirements of Nuclear Power Industry.

Zhongda has been approved as a manufacturer by Lloyds and TUV according to ISO9001, AD2000 W0 and PED. In addition, Zhongda has got the work approval of Lloyds, BV, DNV, ABS, API, all to guarantee quality products.



Zhongda is ready to get any advice and instruction from you and cooperate with you for the good service to you.







# 营业执照

(副本)

统一社会信用代码 913304007044200034 (1/1)

名称	浙江中达特钢股份有限公司
类型	股份有限公司(非上市)
住所	海盐县百步镇集镇
法定代表人	金惠明
注册资本	壹亿元整
成立日期	1997年12月29日
营业期限	1997年12月29日至长期
经营范围	不锈钢带、不锈钢板、不锈钢棒、不锈钢线材、不锈钢铸件、不锈钢管、金属功能材料、高温合金、耐蚀合金制造、加工；压力管道安装服务；货物进出口和技术进出口（国家限定公司经营或禁止进出口的商品及技术除外）。（依法须经批准的项目，经相关部门批准后方可开展经营活动）





登记机关

2017年03月21日

应当于每年1月1日至6月30日通过浙江省企业信用信息公示系统报送上一年度年度报告

企业信用信息公示系统网址 <http://gsxt.zjaic.gov.cn/>

中华人民共和国国家工商行政管理总局监制



THE INTERNATIONAL CERTIFICATION NETWORK

## CERTIFICATE

CQM as an IQNet Partner hereby states that the organization:

**Zhejiang Zhongda Special Steel Co.,Ltd.**

Certification Add.: Industrial Park, Baibu Town, Haiyan County, Jiaxing City, Zhejiang, P.R.China  
Post code: 314312

for the following scope:

**Manufacture of seamless stainless steel tubes & pipes (A1, A2(1) (2), B(1)(2)), CRA line pipe  
For the subsidiary site and certification scope to the attachment**

has implemented and maintains a

*Quality Management System*

which fulfils the requirements of the following standard:

**ISO 9001:2015**

Issued on: 2017-12-22

for the validity date, please refer to the original certificate\* issued by CQM

Registration Number: CN-00217Q27769R3M



*Alex Stoichitoiu*  
Alex Stoichitoiu  
President of IQNet

*Ji XiaoDong*  
Ji XiaoDong  
General Manager of CQM



IQNet Partners\*\*:  
AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy  
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany FCAV Brazil  
FONDONORMA Venezuela ICONTEC Colombia Inspecta Certification Finland INTECO Costa Rica  
IRAM Argentina JQA Japan KPQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland PCBC Poland  
Quality Austria Austria RR Russia SIGE Mexico SII Israel SIQ Slovenia SIRIM QAS International Malaysia  
SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey Vincotte Belgium YUQS Serbia  
IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

\* This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document  
\*\* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under [www.iqnet-certification.com](http://www.iqnet-certification.com)



THE INTERNATIONAL CERTIFICATION NETWORK

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**Zhejiang Zhongda Special Steel Co.,Ltd.**

Certification Add.:Industrial Park, Baibu Town, Haiyan County, Jiaxing City, Zhejiang, P.R.China  
Post code: 314312

*for the following scope:*

**Manufacture of seamless stainless steel tubes & pipes (A1,A2(1)(2),B(1)(2)), CRA line pipe  
For the subsidiary site and certification scope to the attachment**

*has implemented and maintains a*

*Occupational health and safety Management System*

*which fulfils the requirements of the following standard:*

**OHSAS 18001:2007**

**Issued on: 2017-12-22**

*for the validity date, please refer to the original certificate\* issued by CQM*

**Registration Number: CN-00217S12773R3M**






Alex Stoichitoiu  
President of IQNet

Ji XiaoDong  
General Manager of CQM

**IQNet Partners\*\*:**  
AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy  
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany FCAV Brazil  
FONDONORMA Venezuela ICONTEC Colombia Inspecta Certification Finland INTECO Costa Rica  
IRAM Argentina JQA Japan KPQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland PCBC Poland  
Quality Austria Austria RR Russia SIGE México SII Israel SIQ Slovenia SIRIM QAS International Malaysia  
SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey Vincotte Belgium YUQS Serbia  
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THE INTERNATIONAL CERTIFICATION NETWORK

# CERTIFICATE

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**Zhejiang Zhongda Special Steel Co.,Ltd.**

Certification Add.:Industrial Park, Baibu Town, Haiyan County, Jiaxing City, Zhejiang, P.R.China  
Post code: 314312

*for the following scope:*

**Manufacture of seamless stainless steel tubes & pipes (A1,A2(1)(2),B(1)(2)), CRA line pipe  
For the subsidiary site and certification scope to the attachment**

*has implemented and maintains a*

*Environmental Management System*

*which fulfils the requirements of the following standard:*

**ISO 14001:2015**

**Issued on: 2017-12-22**

*for the validity date, please refer to the original certificate\* issued by CQM*

**Registration Number: CN-00217E33253R3M**






Alex Stoichitoiu  
President of IQNet

Ji XiaoDong  
General Manager of CQM

**IQNet Partners\*\*:**  
AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy  
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany FCAV Brazil  
FONDONORMA Venezuela ICONTEC Colombia Inspecta Certification Finland INTECO Costa Rica  
IRAM Argentina JQA Japan KPQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland PCBC Poland  
Quality Austria Austria RR Russia SIGE México SII Israel SIQ Slovenia SIRIM QAS International Malaysia  
SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey Vincotte Belgium YUQS Serbia  
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**CERTIFICATE OF APPROVAL**

This is to certify that the Management System of:

**Zhejiang Zhongda Special Steel Co., Ltd.**  
Register address: Baibu Town,  
Haiyan County, Zhejiang Province,  
Activity address: No. 31, Xiantanmiao, Nongfen  
Village, Baibu Town, Haiyan County, Zhejiang Province,  
People's Republic of China  
Unified Social Credit Code: 913304007044200034

has been approved by Lloyd's Register Quality Assurance  
to the following Management System Standards:

**ISO 9001:2015**  
**GB/T 19001-2016**

The Management System is applicable to:

**Manufacture of seamless stainless steel tubes and pipes.**

Approval  
Certificate No: QAC0041071

Original Approval: 6 August 2005

Current Certificate: 6 August 2017

Certificate Expiry: 5 August 2020

Issued by: Lloyd's Register Quality Assurance (Shanghai) Co., Ltd.  
for and on behalf of Lloyd's Register Quality Assurance Limited



001

Room 2018, Ocean Tower, 550 Yan An Dong Road, Shanghai, P. R. China  
For and on behalf of 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom  
The certificate can be checked for validity on CNCA website [www.cnca.gov.cn](http://www.cnca.gov.cn) 30 working days after the date of issuance  
This approval is subject to surveillance assessment carried out in accordance with the LRQA assessment and certification procedures.

Lloyd's Register Group Limited, its affiliates and subsidiaries, including Lloyd's Register Quality Assurance Limited (LRQA), and their respective officers, employees or agents are, individually and collectively, referred to in this document as "Lloyd's Register". Lloyd's Register assumes no responsibility and shall not be liable for any loss, damage or expense caused by reliance on the information or advice in this document or for any other reason, unless that person has agreed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

**EC Certificate of Quality System Approval**  
**Certificate QAC0041071/A Schedule**

**Zhejiang Zhongda Special Steel Co., Ltd.**  
**Baibu Town, Haiyan County, Zhejiang Province,**  
**People's Republic of China**  
Unified Social Credit Code: 913304007044200034

**Products: Seamless stainless steel tubes and pipes in size range of**  
**O.D. 6.0~508mm, W.T. 0.5~40mm.**

Material Grades and Standards:

Standards	Material grades
ASTM A-213/A-213M ASME SA-213/SA-213M	TP304, TP304L, TP304H, TP316, TP316L, TP316H, TP316Ti, TP317, TP317L, TP321, TP321H, TP310S, TP347H
ASTM A-269/A-269M	TP304, TP304L, TP316, TP316L, TP321
ASTM A-312/A-312M ASME SA-312/SA-312M	TP304, TP304L, TP304H, TP316, TP316L, TP316H, TP316Ti, TP317, TP317L, TP321, TP321H, TP310S, TP347H
ASTM A-789/A-789M ASME SA-789/SA-789M	S31500, S31803, S32205, S32750, S32760
ASTM A-790/A-790M ASME SA-790/SA-790M	S31500, S31803, S32205, S32750, S32760
ASTM A-268/A-268M ASME SA-268/SA-268M	TP410, TP430
ASTM B-407 ASME SB-407	UNS N08810
ASTM B-163 ASME SB-163	UNS N08810, UNS N08825

Schedule Issue: 05

Date of Schedule Issue: 6 August 2017

Date of Expiry: 5 August 2020

LRV Notified Body Number 0038

Sandy Chen on behalf of Lloyd's Register Verification

1 of 2

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LRV/COP/03/05/Rev. 2



## CERTIFICATE

**Quality-Assurance System for material manufacturer according to directive 2014/68/EU**

Certificate no.: 07/202/9030/WZ/1254/16

**Name and address of the manufacturer:** Zhejiang Zhongda Special Steel Co. Ltd.  
No.88 Huyan Road, Baibu Town, Haiyan City, Zhejiang Province, 314312, P. R. China

Herewith we certify that the manufacturer has established and applies a **quality-assurance system related to the material**. This QA System has been subjected to a specific assessment acc. to directive 2014/68/EU, annex I, point 4.3 with regard to the materials mentioned in the scope of approval..

Approved acc. to directive 2014/68/EU: **QA-System in relation to materials, EN 764-5, section 4.2 and AD2000-Merkblatt W0**

Certification file no.: **9030AW\_1254/16, SAP-No.: 8113787326**

Audit report file no.: **9030AW\_1254/16**

Scope of approval: **seamless tubes of austenitic steels**  
*(product / material)*

Production site: **No.88 Huyan Road, Baibu Town, Haiyan City, Zhejiang Province, 314312, P. R. China**

The certificate is valid until: **04.2019**  
Only valid with a certificate in force acc. to EN ISO 9001

Hamburg, 03.08.2016

Notified Body (0045)  
for Pressure Equipment

*Wehner*  
TUV NORD Systems GmbH & Co. KG,  
Große Bahnstraße 31, D-22525 Hamburg

Member of

Notifizierte Stelle (0045)  
für Druckgeräte

*Wehner*  
TUV NORD Systems GmbH & Co. KG,  
Große Bahnstraße 31, D-22525 Hamburg

Mitglied der

Annex: scope of approval

Region: STW-HH  
Technikzentrum  
D-22525, Hamburg

Phone: +49-(0) 40-8557-2368  
Fax: +49-(0) 40-8557-2710  
e-mail: technikzentrum@tuv-nord.de

Certificate QA material manufacturer\_PED eng\_Rev.0/07.16

## ZERTIFIKAT

**Qualitätsmanagementsystem für Werkstoffhersteller nach Druckgeräterichtlinie 2014/68/EU**

Zertifikat-Nr.: 07/202/9030/WZ/1254/16

**Name und Anschrift des Herstellers:** Zhejiang Zhongda Special Steel Co. Ltd.  
No.88 Huyan Road, Baibu Town, Haiyan City, Zhejiang Province, 314312, P. R. China

Hiermit wird bescheinigt, dass der Hersteller ein **Qualitätsmanagementsystem in Bezug auf Werkstoffe** eingeführt hat und dies anwendet. Dieses QM-System wurde gemäß der Richtlinie 2014/68/EU, Anhang I, Nummer 4.3 in Bezug auf die im Geltungsbereich genannten Werkstoffe einer spezifischen Überprüfung unterzogen.

Geprüft nach Richtlinie 2014/68/EU: **QM-System in Bezug auf Werkstoffe, EN 764-5, Abschnitt 4.2 und AD2000-Merkblatt W0**

Zertifizierung-Az.: **9030AW\_1254/16, SAP-Nr.: 8113787326**

Auditbericht-Nr.: **9030AW\_1254/16**

Geltungsbereich: **nahtlose Rohre aus austenitischen Stählen**  
*(Produkt / Werkstoff)*

Fertigungsstätte: **No.88 Huyan Road, Baibu Town, Haiyan City, Zhejiang Province, 314312, V. R. China**

Das Zertifikat ist gültig bis: **04.2019**  
Nur gültig in Verbindung mit einem gültigen Zertifikat nach EN ISO 9001.

Hamburg, 03.08.2016

Notifizierte Stelle (0045)  
für Druckgeräte

*Wehner*  
TUV NORD Systems GmbH & Co. KG,  
Große Bahnstraße 31, D-22525 Hamburg

Mitglied der

Notifizierte Stelle (0045)  
für Druckgeräte

*Wehner*  
TUV NORD Systems GmbH & Co. KG,  
Große Bahnstraße 31, D-22525 Hamburg

Mitglied der

Anlage: Geltungsbereich

Region: STW-HH  
Technikzentrum  
D-22525, Hamburg

Tel. +49-(0) 40-8557-2368  
Fax: +49-(0) 40-8557-2710  
e-mail: technikzentrum@tuv-nord.de

Zertifikat QM Werkstoffhersteller DGR\_0eu\_Rev.0/07.16

**TÜV NORD Systems GmbH & Co. KG**

Notifizierte Stelle für Druckgeräte der TÜV NORD Systems GmbH & Co. KG (Reg.-Nr. 0045)

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045

Geltungsbereich der Überprüfung von Werkstoffherstellern gemäß Druckgeräterichtlinie 2014/68/EU, Anhang I, Nr. 4.3 und AD 2000-Merkblatt W 0

Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU, annex I pt. 4.3 and AD 2000-Guideline W 0



Firma/Firm: Zhejiang Zhongda Special Steel Co., Ltd.

AD 2000-W0-Nr.: 07/203/9030/WZ/1254/16

Datum / Date : 03.08.2016 / Fechner



Ort / place: Baldu Town, Haiyan City, Zhejiang Province, China

DDRL-Nr.: 07/202/9030/WZ/1254/16

Aktenz. / File: 9030AW\_1254/16



Id.Nr. No.	Werkstoffbezeichnung Material Designation	Spezifikation Specification	Lieferzust. Delivery Condition	Erzeugnisform Type of Product	Abmessung / Dimension Dicks [mm] Thickness	Ø [mm] / height	Prüfgrundlagen Anforderungen Requirements	Bemerkungen / Remarks
1	TP304	ASTM A 213	2)	nähtlose Röhre Seamless Tubes	2)	2)	1) For use in area of AD 2000 or PED 2014/68/EU a) Partikulare Material Approval (PMA) is necessary bei Verwendung im Bereich von AD 2000 oder der Richtlinie 2014/68/EU ist ein Einzelgutachten erforderlich	
2	TP304L	ASTM A 312	2)	nähtlose Röhre Seamless Tubes	2)	2)		
3	TP316	ASME SA313	2)	nähtlose Röhre Seamless Tubes	2)	2)		
3	TP316L	ASME SA312	2)	nähtlose Röhre Seamless Tubes	2)	2)		
3	TP321	ASME SA312	2)	nähtlose Röhre Seamless Tubes	2)	2)		
3	TP316Ti	ASME SA312	2)	nähtlose Röhre Seamless Tubes	2)	2)		
3	S31603	ASTM A789	2)	nähtlose Röhre Seamless Tubes	2)	2)		
3	S32005	ASTM A790	2)	nähtlose Röhre Seamless Tubes	2)	2)		
3	S32750	ASME SA759	2)	nähtlose Röhre Seamless Tubes	2)	2)		

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Erkennungen / Ergänzungen: +AT / AT = Lösungsglühung und abgekühlt / solution heat treated and oil cooled, N = Normergänzung und normalisierend gegützt oder umgeformt / normative or normalizing rolled / formed, NT = Normergänzung und angelassen / normalized and annealed, -QT / V = vorgelöt / quenched and tempered, M = Thermo-mechanisch behandelte / thermo mechanical treated, AM = Umkehrwalze, wie gewandt, / no kneaded, SR = Sperrungsmöglichkeit / stress relieved, A = weichtglühung / soft annealed, CR = Temperaturgeprüft umgeformt / controlled hot rolled

**TÜV NORD Systems GmbH & Co. KG**

Notifizierte Stelle für Druckgeräte der TÜV NORD Systems GmbH & Co. KG (Reg.-Nr. 0045)

Notified Body for Pressure Equipment Directive (PED), Reg. No. 0045

Geltungsbereich der Überprüfung von Werkstoffherstellern gemäß Druckgeräterichtlinie 2014/68/EU, Anhang I, Nr. 4.3 und AD 2000-Merkblatt W 0

Scope of approval for material manufacturer acc. to Pressure Equipment Directive 2014/68/EU, annex I pt. 4.3 and AD 2000-Guideline W 0



Firma/Firm: Zhejiang Zhongda Special Steel Co., Ltd.

AD 2000-W0-Nr.: 07/203/9030/WZ/1254/16

Datum / Date : 03.08.2016 / Fechner



Ort / place: Baldu Town, Haiyan City, Zhejiang Province, China

DDRL-Nr.: 07/202/9030/WZ/1254/16

Aktenz. / File: 9030AW\_1254/16



Id.Nr. No.	Werkstoffbezeichnung Material Designation	Spezifikation Specification	Lieferzust. Delivery Condition	Erzeugnisform Type of Product	Abmessung / Dimension Dicks [mm] Thickness	Ø [mm] / height	Prüfgrundlagen Anforderungen Requirements	Bemerkungen / Remarks
1	1.4307	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	Richtlinie 2014/68/EU	
1	1.4404	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	Richtlinie 2014/68/EU	
1	1.4541	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	Richtlinie 2014/68/EU	
1	1.4571	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	Richtlinie 2014/68/EU	
1	1.4301	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	Richtlinie 2014/68/EU	
1	1.4401	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	Richtlinie 2014/68/EU	
1	1.4462	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	Richtlinie 2014/68/EU	
1	1.4410	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	Richtlinie 2014/68/EU	
2.1	1.4307	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W2	
2.1	1.4404	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W2	
2.1	1.4541	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W2	
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2.1	1.4301	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W2	
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2.1	1.4462	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W2	
2.1	1.4410	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W2	
2.2	1.4404	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W10	
2.2	1.4541	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W10	
2.2	1.4571	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W10	
2.2	1.4301	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W10	
2.2	1.4401	EN10216-5	+AT	nähtlose Röhre Seamless Tubes	1,0-18,2	16,0-305,6	AD2000 W10	

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Hinweis zu Werkstoffgen. Richtlinie 97/23/EG / Hinweis für material manufacturer acc. to Directive 2014/68/EU: For the operation of the manufacturer's approval, the manufacturer must ensure that the material used for the production of the pressure equipment complies with the requirements of the relevant technical specifications.

This specific material approval conditions have to be approved by pressure equipment manufacturer and by the notified body in charge.





**American Petroleum Institute**



**Certificate of Authority to use the Official API Monogram**  
**License Number: 5LC-0034**

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The American Petroleum Institute hereby grants to

**ZHEJIANG ZHONGDA SPECIAL STEEL CO., LTD.**  
Jizhen, Baibu Town  
Haiyan County  
Jiaxing, Zhejiang  
People's Republic of China

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and API-5LC and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **5LC-0034**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.


The scope of this license includes the following manufacturer of CRA Line Pipe

**QMS Exclusions:** Design and Development; Servicing

**Effective Date: MARCH 29, 2016**  
**Expiration Date: MARCH 6, 2018**

To verify the authenticity of this license, go to [www.api.org/compositelist](http://www.api.org/compositelist).

  
Vice President, API Global Industry Services



Certificate No : MD00/3653/0004/4

**ZHEJIANG ZHONGDA SPECIAL STEEL CO. LTD.**  
Baibu Town  
Haiyan City  
Zhejiang Province  
China, People's Republic of

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

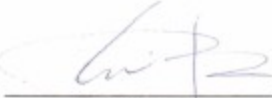
**Seamless pipes and tubes in austenitic stainless steel**  
( maximum 273.05 mm diameter, 15 mm wall thickness )


This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

**Valid Until : 06 October 2018**  
**Date of Issue : 30 November 2015**

  
**Lili Hou**  
Senior Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group



**Lloyd's Register**

Lloyd's Register and variants of it are trading names of Lloyd's Register Group Limited, its subsidiaries and affiliates. Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as "Lloyd's Register". Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

中华人民共和国  
特种设备制造许可证  
Manufacture License of Special Equipment  
People's Republic of China  
(压力管道元件)

编号: TS2710A06-2019

单位名称: 浙江中达特钢股份有限公司  
制造地址: 浙江省海盐县百步镇集镇

经审查, 获准从事下列压力管道元件的制造:

级别	类别	品种	备注
A1、A2(1)(2)、B(1)(2)级	压力管道管子	无缝钢管	

审批机关: 国家质量监督检验检疫总局

有效期至: 2019年3月14日

发证机关

发证日期: 2015年4月9日



国家质量监督检验检疫总局制



武器装备质量管理体系认证证书

注册号: 16 QJ2 0094 R1M

兹证明:

浙江中达特钢股份有限公司

地址: 浙江省嘉兴市海盐县百步镇集镇

邮编: 314312

多场所地址: 浙江省嘉兴市海盐县百步镇集镇西沈家桥

邮编: 314312

质量管理体系符合:

GJB 9001B-2009

删减: 7.3.1-7.3.7

该质量管理体系适用于:

不锈钢及精密合金钢管、钢带、钢棒的生产和服务

本证书是否持续有效, 请获证组织出具年度合格标识。

获证后的第一次年审在初次现场审核结束日起8~10个月内; 之后每年的年审在上次年审结束日起的10~12个月内。

发证日期: 2016年03月04日

有效期至: 2020年03月03日

北京军友诚信质量认证有限公司

北京市西城区月坛北街5号综合楼4层

总经理: 王乃云

由国防科学技术工业委员会授权[2001]55号文授权

由国防科学技术工业委员会科工人[2007]314号文授权

由国家国防科技工业局科工人[2010]1638号文授权





**RECOGNITION FOR  
BV MODE II SCHEME**

**Zhejiang Zhongda Special Steel Co. Ltd.**  
Haiyan - CHINA

**Summary of the range of the recognition which is detailed in the subsequent page(s):**

PIPE / TUBE - G0479 Stainless steel Seamless Pipe

Description: Stainless Steel Seamless Pipe  
Material Grade: 304L, 316L  
Max.OD: 273.05 mm, Max.wall thickness: 15 mm

Raw materials procurement from BV approval of the company

*This certificate is issued to attest that BUREAU VERITAS has performed, at the above company's request and in compliance with the requirements of NR320, a satisfactory assessment of the manufacturing facilities and associated quality procedures related to the range of the recognition. This certificate is a renewal of certificate N° SMS.W.II.74353/C.0 expiring on 26/11/2016*

**This certificate will expire on: 26 Nov 2020**

For BUREAU VERITAS,  
At BV SHANGHAI, on 23 Sep 2016,  
Jennifer Zhang



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site [www.veristar.com](http://www.veristar.com). Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristamb.com/veristamb/jsp/viewPublicPdfRecognition.jsp?id=bqqwrt8hm>

BV Mod. Ad E 697 Jun. 2015

This certificate consists of 2 page(s)

Certificate number: SMS.W.II.74353/C.0

**THE SCHEDULE OF RECOGNITION**

**1. RANGE OF THE RECOGNITION**

The products listed in the table below are to be certified individually or per batch by Bureau Veritas in compliance with the applicable requirements (IBV products as defined in NR320).

App. number	Validity date	Item designation	Trade name
21393/B0 BV	10 Apr 2019	SEAMLESS PIPES AND FITTINGS - 20111	Seamless pipes in stainless steel grades 304L and 316L

The products corresponding to the categories listed in the table below are to be certified individually or per batch by Bureau Veritas in compliance with the applicable requirements (IBV products as defined in NR320).

Generic product	Description
PIPE / TUBE AND FITTINGS	Stainless steel Seamless Pipe

**2. LIMITATIONS**

The certificates listed in the range of recognition are to be valid, as applicable.

Bureau Veritas is to be informed immediately of any modification to manufacturing facilities and associated quality procedures in order to agree on appropriate actions.

Zhejiang Zhongda Special Steel Co. Ltd. has to apply for the periodical audits as agreed with Bureau Veritas.

**3. PRODUCTION SITES**

This quality system approval certificate covers the following production site(s):

Zhejiang Zhongda Special Steel Co. Ltd. - Haiyan - CHINA

**4. REMARKS**

Address: Bailu town, Haiyan county, haiyan city, Zhejiang province (China)  
Annual Audit: 1 time/year before 26, November

\*\*\* END OF CERTIFICATE \*\*\*

The electronic version is available at: <http://www.veristamb.com/veristamb/jsp/viewPublicPdfRecognition.jsp?id=bqqwrt8hm>

BV Mod. Ad E 697 Jun. 2015

This certificate consists of 2 page(s)

**СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р**  
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

**СЕРТИФИКАТ СООТВЕТСТВИЯ**

№ РОСС CN.АД44.Н05873  
Срок действия с 16.10.2017 по 15.10.2020  
№ **0158276**

ОРГАН ПО СЕРТИФИКАЦИИ per. № RA.RU.10АД44

Орган по сертификации продукции ООО "СерТЦентр" Адрес: 432045, РОССИЯ, Ульяновская область, город Ульяновск, шоссе Московское, дом 24, офис 221. Телефон 8-909-356-8335, адрес электронной почты: info.sertcenter@yandex.ru

**ПРОДУКЦИЯ** Трубы из никелевых сплавов, марки "ZHONGDA".  
Серийный выпуск.

код ОК	24.45.24
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**СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ**  
спецификации завода-изготовителя

код ТН ВЭД	7307120000
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**ИЗГОТОВИТЕЛЬ** "ZHEJIANG ZHONGDA SPECIAL STEEL CO., LTD". Адрес: КИТАЙ, Waibu Town, Haiyan County, Zhejiang Province, P.R.China, телефон/факс: +86 57386770830/+86 57386771110, адрес электронной почты: xys@zhongdasteel.com.

**СЕРТИФИКАТ ВЫДАН** "ZHEJIANG ZHONGDA SPECIAL STEEL CO., LTD". Адрес: КИТАЙ, Waibu Town, Haiyan County, Zhejiang Province, P.R.China, телефон/факс: +86 57386770830/+86 57386771110, адрес электронной почты: xys@zhongdasteel.com.

**НА ОСНОВАНИИ** Протокол испытаний № 001/Q-16/10/17 от 16.10.2017 года, выданный Испытательной лабораторией «Тест-Эксперт» (Аттестат аккредитации № РОСС RU.31578.04ОЛНО.ИЛ03 от 09.01.2017 года по 09.01.2020).

**ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ**

Схема сертификации: 3

Для сертификатов М.П.	Руководитель органа		А.Ю. Батюков
	Эксперт		Л.В. Дворянкин

Сертификат не применяется при обязательной сертификации

**СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р**  
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

**СЕРТИФИКАТ СООТВЕТСТВИЯ**

№ РОСС CN.АД44.Н05872  
Срок действия с 16.10.2017 по 15.10.2020  
№ **0158274**

ОРГАН ПО СЕРТИФИКАЦИИ per. № RA.RU.10АД44

Орган по сертификации продукции ООО "СерТЦентр" Адрес: 432045, РОССИЯ, Ульяновская область, город Ульяновск, шоссе Московское, дом 24, офис 221. Телефон 8-909-356-8335, адрес электронной почты: info.sertcenter@yandex.ru

**ПРОДУКЦИЯ** Трубы из коррозионностойкой стали, холоднокатаные или холоднокатаные, в том числе с внутренней резьбой, марки "ZHONGDA". Серийный выпуск.

код ОК	24.20.13
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**СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ**  
Спецификации завода-изготовителя

код ТН ВЭД	730441000
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**ИЗГОТОВИТЕЛЬ** "ZHEJIANG ZHONGDA SPECIAL STEEL CO., LTD". Адрес: КИТАЙ, Waibu Town, Haiyan County, Zhejiang Province, P.R.China, телефон/факс: +86 57386770830/+86 57386771110, адрес электронной почты: xys@zhongdasteel.com.

**СЕРТИФИКАТ ВЫДАН** "ZHEJIANG ZHONGDA SPECIAL STEEL CO., LTD". Адрес: КИТАЙ, Waibu Town, Haiyan County, Zhejiang Province, P.R.China, телефон/факс: +86 57386770830/+86 57386771110, адрес электронной почты: xys@zhongdasteel.com.

**НА ОСНОВАНИИ** Протокол испытаний № 001/P-16/10/17 от 16.10.2017 года, выданный Испытательной лабораторией «Тест-Эксперт» (Аттестат аккредитации № РОСС RU.31578.04ОЛНО.ИЛ03 от 09.01.2017 года по 09.01.2020).


**ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ**

Схема сертификации: 3

Для сертификатов М.П.	Руководитель органа		А.Ю. Батюков
	Эксперт		Л.В. Дворянкин

Сертификат не применяется при обязательной сертификации





### APPROVAL CERTIFICATE FOR MANUFACTURING PROCESS

**Certificate No. :** NIB19715-ST001      **Initial Approval :** 19th March, 2007

**Product :** Stainless Steel Pipes

**Manufacturer :** Zhejiang Zhongda Special Steel Co., Ltd.  
No.88, Huyan Road, Baibu Town, Haiyan City, Zhejiang Province, P.R.China


**Product Description:** Stainless Steel Tubes and Pipes

- Grades	: RSTS 304TP, RSTS 304LTP, RSTS 316TP, RSTS 316LTP
- Raw materials	: S32750 or equivalent grade
- Manufacturing process	: Round billets
- Outer diameter	: Cold drawn seamless
- Wall thickness	: Max. 323.8 mm
	: Max. 25.58 mm

**Approval Condition:** 1. Raw Materials are to be supplied by the approved manufacturers of this Society or to be satisfactory to the Surveyor.  
2. Individual Product Certification is required.

**THIS IS TO CERTIFY** that the manufacturing process for the above mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturer and Type Approved Equipment".  
Pt. 2, Ch. 1, Art. 101 and 403 of the Rules for Classification of Steel Ships.

This Certificate is valid until 18th March, 2022  
Issued at Shanghai, China on 23rd June, 2017



**KOREAN REGISTER OF SHIPPING**

*General Manager of  
Technical Support Team  
CHINA KR Co., Ltd.*

Notes: 1. This certificate will be valid subject to compliance with the approval conditions described on the certificate and/or in the Rules of this Society.  
2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted by the applicant or the manufacturer.  
3. Any significant modifications or changes in design or construction of the above product without approval from this Society will render this certificate invalid.  
4. Should the specific rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

Form AC-2A (2011.06)



**中国船级社**      证书格式号/Form: W01.02-  
CHINA CLASSIFICATION SOCIETY      HQ000035

### 工厂认可证书

### CERTIFICATE OF WORKS APPROVAL

证书编号/Certificate No. SH16R00045

兹证明本证书所述制造厂具备按照下列标准的要求生产本证书所列产品的能力和条件。  
**This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products as described in the certificate.**

**制造厂/Manufacturer**  
**浙江中达特钢股份有限公司**

**ZHEJIANG ZHONGDA SPECIAL STEEL Co.,LTD**  
中国浙江省嘉兴市海盐县百步镇集镇  
Baibu Town, Haiyan County, Jiaxing City, Zhejiang, P.R. China

**认可产品/Product Approved**  
**钢管**  
STEEL PIPES  
奥氏体不锈钢无缝压力管  
Austenitic Stainless Steel Seamless Pressure Pipe

**附加标志/Notations**  
无/Nil.

**认可标准/Approval Standard**  
1.中国船级社《材料与焊接规范》(2015)及其修改通报第1章第4章  
Chapter 4, Part One of China Classification Society Rules for Materials and Welding 2015 and its Amendments

**证书有效期至/ This Certificate is valid until**      2020年12月30日 / Dec. 30, 2020

**发证机构**      中国船级社上海分社      **签发日期**      2017年3月28日  
**Issued by**      CCS Shanghai Branch      **Date**      Mar. 28, 2017

本证书按照中国船级社《材料与焊接规范》(2015)及其修改通报第1章第4章的要求签发。关于证书的有效性规定在本证书背面条款中。当本证书包含多个附件时，附件与证书作为一个整体，必须同时使用。每一附件均须由本证书申请者与发证机构共同签署。证书复印件无效。任何单位和个人不得篡改或伪造本证书的任何内容。本证书不应对任何产品或制造厂进行担保。如有各方对证书的有效性有疑义时，可向发证机构进行咨询。  
This Certificate is issued pursuant to the Rules for Classification of Seagoing Steel Ships and related procedures of the Society. Refer to the back of the certificate for detailed requirements of the certificate. When the certificate consists of more than one page, all pages of the certificate are taken as a whole and are used simultaneously. No certificate page is valid without bearing the stamp of the Society and an equal issue of the certificate is regarded as valid. Any part of the certificate is not to be extracted or abridged by any unit or individual in any form. This approval certificate does not constitute the inspection of the Society about the quality of the said batch product. Related parties who are doubtful about the authenticity of the certificate may inquire of the Society or its offices.

 SH43004496  
N° 17338986

中国船级社总部 CCS Headquarters: 北京东直门内大街1号船舶大厦      邮编: 100007      电话(Tel): +86(10)5912388      传真(Fax): +86(10)5912311  
CCS Maritime Branches: 上海北京路100007, China      网址(Web Site): http://www.ccs.org.cn  
本船级社机构 CCS Local Offices: 中国船级社上海分社      CCS Shanghai Branch      电话(Tel): +86(21)58852294      传真(Fax): +86(21)58852826

第 1 页 共 3 页 / Page 1 of 3



CERTIFICATE NUMBER: 16-SQ1535969-PDA  
DATE: 18 Jul 2016  
ABS TECHNICAL OFFICE  
CN Shanghai SED B

**CERTIFICATE OF DESIGN ASSESSMENT**

This is to certify that a representative of this Bureau did, at the request of **ZHEJIANG ZHONGDA SPECIAL STEEL CO., LTD.**

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product: **Pipe, Stainless Steel**  
Model: **ASTM A312/A312M (TP304L&TP316L)**

This Product Design Assessment (PDA) Certificate 16-SQ1535969-PDA, dated 18/Jul/2016 remains valid until 17/Jul/2021 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING

*Bin-Hong Wang*  
Bin-Hong Wang  
Manager

NOTE: This certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of ABS or a statutory, industrial or manufacturers standard. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant change to the assessment product without approval from ABS will result in the certificate being null and void. This certificate is governed by the terms and conditions contained in ABS Rule 1-1.1/1.2/1.3 Terms and Conditions of the Request for Product Type Approval and Agreement (12/11).



CERTIFICATE NUMBER: 16-NB3187969  
PORT OFFICE: Ningbo Port MLO

**Certificate of MANUFACTURING ASSESSMENT**

This is to certify that: The Undersigned did evaluate the relevant manufacturing quality procedures for the type of products of the manufacturer:

**Zhejiang Zhongda Special Steel Co.,Ltd Plant at No.88 Huyan Road, Baibu town,Haiyan City, Zhejiang province of P.R.China**

The methods of assuring and controlling quality during production as required by the ABS Rules or Guides for the product and the associated specifications or standard were verified to reflect the specific surveys, required by the Rules and Standards for the manufacture of:

**Stainless Steel Pipe**

The manufacturer presented a sample or specimen of the product, representative of the "type" approved, to the undersigned, for the purpose of verifying that the "type" has been manufactured in conformance with the Manufacturer's Product Design Assessments.

This Certificate of Manufacturing Assessment is an evaluation of the manufacturer alone and is neither an approval nor a rejection of the product described above. Unless cancelled, expired or revoked, this certificate remains valid subject to annual audits.

Consult the ABS Type Approval website to confirm the continued validity of this certificate and the status of the particular products being manufactured.

ISSUE DATE: 16 August 2016  
EXPIRATION DATE: 22 September 2021

SURVEYOR: *Feng Qin-tao* 16 August 2016  
FIRST ANNUAL ENDORSEMENT: *Feng Qin-tao* 19 August 2017  
SECOND ANNUAL ENDORSEMENT: \_\_\_\_\_  
THIRD ANNUAL ENDORSEMENT: \_\_\_\_\_  
FOURTH ANNUAL ENDORSEMENT: \_\_\_\_\_

Note: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.



**DNV·GL**

Certificate No:  
**AMM-7332**  
File No:  
**ST**  
Job Id:  
**263.11-001339-2**

### APPROVAL OF MANUFACTURER CERTIFICATE

**This is to certify:**  
That  
**Zhejiang Zhongda Special Steel Co., Ltd**  
**Haiyan, Zhejiang, China**

is an approved manufacturer of  
**Steel Tubes and Pipes**

in accordance with  
**Det Norske Veritas' Rules for Classification Pt. 2**

and the following particulars:

<b>Steel types</b>	Austenitic stainless 22Cr duplex stainless 25Cr duplex stainless
<b>Process</b>	Seamless
<b>Dimensions</b>	Outer diameter maximum 323.8 mm, Wall thickness maximum 28.58 mm
<b>Remarks</b>	Including low temperature service for austenitic stainless steel. Including automated eddy current testing (max. diameter 219 mm) or ultrasonic testing (max. diameter 508 mm) in place of hydraulic testing according to relevant piping standard.

Høvik, 2015-03-09  
for DNV GL



Hanne Anita Hjerpetjønn  
Head of Section



DNV GL local office:  
Shanghai

This Certificate is valid until  
2018-06-30



Bjørn Inge Andersen  
Surveyor

Form code: AM 1462a    Revision: 2014-11    www.dnvgl.com    Page 1 of 1  
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# 中华人民共和国民用核安全设备 制造许可证

## 国核安证字Z(13)04号

持证单位：浙江中达特钢股份有限公司  
法定代表人：金惠明  
单位住所：海盐县百步镇集镇  
设备类别：管道和管配件  
核安全级别：2、3级  
有效期限：2018年3月31日  
许可活动范围及条件：见国核安发[2013]55号文



国家核安全局  
2013年2月28日



China National Accreditation Service for Conformity Assessment  
LABORATORY ACCREDITATION CERTIFICATE  
(Registration No. CNAS L9240 )

**ZheJiang Zhongda Special Steel Co., Ltd. Testing Center**  
No.88, Huyan Road, Baibu, Haiyan, Jiaxing, Zhejiang, China

*is accredited in accordance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence to undertake the service described in the schedule attached to this certificate.*

*The scope of accreditation is detailed in the attached schedule bearing the same registration number as above. The schedule form an integral part of this certificate.*

Date of Issue: 2016-08-08  
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Signed on behalf of China National Accreditation Service for Conformity Assessment

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OTHER APPROVAL AND CERTIFICATE TO BE CONTINUED