

## EC Certificate of Quality System Approval

**In accordance with the requirements of the Pressure Equipment Directive 97/23/EC and the Pressure Equipment Regulations 1999, UK Statutory Instrument 1999 No. 2001**

This is to certify that the Quality Management System of:

**Angang Steel Co., Ltd  
Tiexi District, Anshan City, Liaoning Province,  
People's Republic of China**

Has been assessed against the requirements of Annex I, paragraph 4.3 of the Pressure Equipment Directive 97/23/EC, and Schedule 1, paragraph 4.3 of the Pressure Equipment Regulations 1999 and conforms to the requirements for the products shown below:

**Manufacture of carbon steel plates for mechanical and pressure purposes in accordance with Annex I paragraph 4.3 of the Pressure Equipment Directive.**

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive and Regulations, Products are as listed on the attached schedule.

Certificate No: QAC0061123/B

Original Approval: 10 May 2015

Current Certificate: 10 May 2015

Certificate Expiry: 09 May 2018

LRV Notified Body Number 0038



Amanda Wu on behalf of Lloyd's Register Verification

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# EC Certificate of Quality System Approval

## Certificate QAC0061123/B Schedule

Angang Steel Co., Ltd  
Tiexi District, Anshan City, Liaoning Province,  
People's Republic of China

**Product: Hot rolled steel plates up to 100mm in thickness**

### Material Standards and Grade:

Standards	Grades
GB/T 700	Q235B Q235C Q235D
GB 713	Q245R Q345R Q370R 13MnNiMoR 15CrMoR
GB/T 3274	Q345A Q345B Q345C Q345D Q345E
GB 3531	16MnDR 09MnNiDR 06Ni9DR
GB 19189	07MnMoVR
JIS G3103	SB410 SB450
EN 10028-2	P235GH P265GH P295GH P355GH
EN 10028-3	P275NH P355N P355NH P355NL1 P355NL2
EN 10028-4	X12Ni5 X7Ni9 X8Ni9
EN 10028-5	P355M P420M P460M
ASME SA-285/SA-285M	SA285/SA285M Gr.A SA285/SA285M Gr.B SA285/SA285M Gr.C
ASME SA-387/SA-387M	SA387/SA387M Gr11 CL2
ASME SA-515/SA-515M	SA515/SA515M Gr60 SA515/SA515M Gr65 SA515/SA515M Gr70
ASME SA-516/SA-516M	SA516/SA516M Gr60 SA516/SA516M Gr65 SA516/SA516M Gr70
ASME SA-537/SA-537M	SA537/SA537M CL.1

Schedule Issue: 01  
Date of Schedule Issue: 10 May 2015  
Date of Expiry: 09 May 2018  
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# EC Certificate of Quality System Approval Certificate QAC0061123/B Schedule

**Angang Steel Co., Ltd**  
**Tiexi District, Anshan City, Liaoning Province,**  
**People's Republic of China**

**Products: Hot rolled steel plates up to 200mm in thickness**

**Material Standards and Grade:**

Standards	Grades
GB/T 700	Q235B, Q235C
GB 713	Q245R, Q345R, Q370R, Q420R, 15CrMoR, 14CrMoR, 12Cr2Mo1R, 12CrMoVR, 12CrMoVR
GB/T 3274	Q345B, Q345C, Q345D, Q345E
GB 3531	16MnDR, 09MnNiDR, 08Ni3DR, 06NiDR
GB 24510	9Ni490, 9Ni590A, 9Ni590B
EN 10028-2	P235GH, P265GH, P295GH, P355GH
EN 10028-3	P275NH, P355N, P355NH, P355NL1
EN 10028-4	12Ni14, X7Ni9, X8Ni9, X12Ni5
EN 10028-5	P355M, P420M, P460M
ASME SA-203/SA-203M ASTM A203/A203M	SA203/SA203M Gr.D SA203/SA203M Gr.E
ASME SA-283/SA-283M ASTM A283/A283M	SA283/SA283M Gr.A SA283/SA283M Gr.B SA283/SA283M Gr.C
ASME SA-285/SA-285M ASTM A285/A285M	SA285/SA285M Gr.A SA285/SA285M Gr.B SA285/SA285M Gr.C
ASME SA-387/SA-387M ASTM A387/A387M	SA387/SA387M Gr.11 CL1, SA387/SA387M Gr.11 CL2, SA387/SA387M Gr.12 CL1, SA387/SA387M Gr.12 CL2
ASME SA-516/SA-516M ASTM A516/A516M	SA516/SA516M Gr.55, SA516/SA516M Gr.60, SA516/SA516M Gr.65, SA516/SA516M Gr.70
ASME SA-537/SA-537M ASTM A537/A537M	SA537/SA537M CL.1, SA537/SA537M CL.2
ASME SA-553/SA-553M ASTM A553/A553M	SA553/SA553M T1
ASME SA-738/SA-738M ASTM A738/A738M	SA738/SA738M Gr.A

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