



Certificate No : MD00/2251/0007/4

BAOSHAN IRON & STEEL CO., LTD.

Core Base

No. 885 Fujin Road

Baoshan District

Shanghai

201900

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 carbon, carbon-manganese and alloy steel

(maximum 180 mm diameter, 30 mm wall thickness)

Including steelmaking

Including eddy current testing in lieu of hydraulic testing

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 : 22 October 2016

Date of Issue : 15 January 2014

John D Evans

Metallurgical Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group



**Lloyd's
Register**

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TO		LR Shanghai Port		DATE 21 January 2014	
FROM		Materials and NDE		YOUR REF	
SUBJECT		Scope of Approval		OUR REF MAT/M2251/JEE/	
		BAOSHAN IRON & STEEL CO., LTD.			
		Core Base			
		No. 885 Fujin Road			
		Baoshan District			
		Shanghai			
		201900			
		China, People's Republic of			
MAKE OF APPROVED TESTING MACHINE		TYPE	MACHINE NUMBER	CAPACITY	UNIT
ZWICK		Tensile	Z2000	2000	kN
ZWICK		Tensile	Z1000	1000	kN
ZWICK		Tensile	Z300	300	kN
ZWICK		Impact	ZWICK/ROELL450	450	Joules
ZWICK		Impact	PSW600	600	Joules
Seamless		GRADES carbon	180.00 mm diameter	30.00 mm wall thickness	
		carbon-manganese	180.00	30.00	
		alloy	180.00	30.00	

Including steelmaking

Including eddy current testing in lieu of hydraulic testing