



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

TO	LR Shanghai Port	DATE	21 January 2014	
FROM	Materials and NDE	YOUR REF		
SUBJECT	Scope of Approval 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 carbon-manganese alloy	180.00 mm diameter 180.00 180.00	30.00 mm wall thickness 30.00 30.00

Including steelmaking

Including eddy current testing in lieu of hydraulic testing