



QINGDAO GBS MACHINERY MANUFACTURING CO., LTD. (432260)
XIFU TOWN INDUSTRIAL PARK, CHENGYANG ZONE
QINGDAO CITY, P. R. CHINA, 266109

Reference: UHL/DM T1470138
Project No.: 3591446
Certificate No.: FDYR 1470138

ATTN: Ms. Li Min,

Initial Cast Iron Casting Facility and Process Approval
ABS Approval of Qingdao GBS Machinery Manufacturing Co., Ltd., Qingdao, P. R. China

We have received your declaration stating that the materials used indicated in the submittal are free from asbestos and the ABS plant survey report QD2992318 dated 05 January 2016, along with your submittals of 30 December 2015 together with enclosures relative to the subject. With regard thereto we advise that Qingdao GBS Machinery Manufacturing Co., Ltd., Qingdao, P. R. China is considered approved to produce machinery castings to the requirements of *ABS Materials & Welding Rules Part 2 (2015)* as outlined below, provided the Rules are adhered to in all respects and all production, testing and inspection are to the satisfaction of the attending ABS Surveyor.

Grade	: Non ABS Grades – Gray Iron, Nodular Iron
Melting Practice	: Electric Arc Furnace (EAF)
Casting Practice	: Sand Casting
Maximum Weight	: Gray Iron: 916 Kg; Nodular Iron: 292 Kg
Maximum Thickness/Diameter	: NA
Heat treatment facility	: NA
Application Examples	: Roller, Bedplate, Pump Cover, Engine Sump, Pump Body, Inlet Cover, etc.

Repair by welding are generally not permitted. In case where welding is proposed, full details of the proposed repair are to be submitted for review prior to commencing the repair.

The approval is valid for five years subject to annual endorsement survey and will expire on 04 January 2021. Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters and request annual endorsement survey or renewal of approval prior to the five year expiry date.

A copy of the documentation appropriately stamped to indicate our review is being retained. If you need to contact ABS regarding this review please email Lihong Lin at lin@sgs.org.

Very truly yours,

Bill W. Shi
Vice President of Engineering
ABS Greater China Division

By: 
Xiang-Bin Meng
Principal Engineer
Ship Engineering Department

cc: ABS Greater China, Qingdao Port

GREATER CHINA DIVISION

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