



CERTIFICATE NUMBER
13-MMPS-CF&PAC-488

PORT OFFICE
HOUSTON MATERIALS

CERTIFICATE OF CASTING FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of

Bischoff Stahl-Und Edelstahlguß,Luedinghausen,Germany.

attend its facilities as indicated in the ABS Chicago port office survey report number HN2222412 dated 25 October 2012, in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Steel Castings for Marine Applications

in accordance with the ABS Approval letter, ABS Rules, designated standards and ABS approved drawings. The approval is valid subject to adherence to relevant ABS Rules and survey requirements and annual facility endorsement by an ABS representative.



ISSUE DATE 25 Oct 2012 EXPIRATION DATE 24 Oct 17

SIGNATURE

Gopal Magadi
MANAGER, ABS MATERIALS, HOUSTON

FIRST ANNUAL
ENDORSEMENT

SECOND ANNUAL
ENDORSEMENT

THIRD ANNUAL
ENDORSEMENT

FOURTH ANNUAL
ENDORSEMENT

Project #: 2710503; Task #: T1048573; Office Ref #: STM/SM:T1032401

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, 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 ABS 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 full 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 ABS 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.