



CERTIFICATE NUMBER
13-MMPS-CF&PAC-454
MMPS: 5848;
OID: 2977843;
O2E: T1016428

PORT OFFICE
ABS MATERIALS HOUSTON

CERTIFICATE OF CASTING FACILITY AND PROCESS APPROVAL

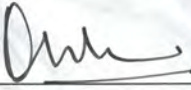
This is to certify that a representative of ABS did, at the request of
**Schonlau-Werke: Maschinenfabrik und Eisengießerei
GmbH & Co. KG, Geseke, Germany**

attend its facilities as indicated in the ABS port office survey report number HN2302381 dated 25 February 2013, in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Iron 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 Feb 13 EXPIRATION DATE 24 Feb 18

SIGNATURE 

for Gopal Magadi
ABS MANAGER, MATERIALS, HOUSTON



FIRST ANNUAL ENDORSEMENT Kluth.  

SECOND ANNUAL ENDORSEMENT Ringelboud 16 Feb. 2015

THIRD ANNUAL ENDORSEMENT Ringelboud 11 Feb. 2016

FOURTH ANNUAL ENDORSEMENT

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.