



CERTIFICATE NUMBER  
14-MMPS-FF&PAC-561

PORT OFFICE  
ABS MATERIALS HOUSTON

# CERTIFICATE OF FORGING FACILITY AND PROCESS APPROVAL

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

**Luda (Taian) Industrial Co., Ltd., Shandong Province,  
P.R. China**

attended its facilities as indicated in the ABS Qingdao port office survey report number QD2495645-A dated 19 December 2013, in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

**Steel Forgings 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 19 Dec 13 EXPIRATION DATE 18 Dec 18

SIGNATURE

**V. BALASUBRAMANIAM  
PRINCIPAL ENGINEER  
ABS MATERIALS, HOUSTON**

FIRST ANNUAL  
ENDORSEMENT

SECOND ANNUAL  
ENDORSEMENT

THIRD ANNUAL  
ENDORSEMENT

FOURTH ANNUAL  
ENDORSEMENT



Project #: 3244579; Task #: T1180018; Office Ref #: MMPS: 8193

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 limitations 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.