



CERTIFICATE NO:  
11-MMPS-CF&PAC-195

EFFECTIVE DATE:  
15 FEBRUARY 2011

## CERTIFICATE OF CASTING FACILITY AND PROCESS APPROVAL

BASED ON ENGINEERING REVIEW AND A PLANT SURVEY OF THE FACILITY,  
IT IS HEREBY CERTIFIED THAT

### **BRAFE ENGINEERING LTD, SUFFOLK, UNITED KINGDOM**

IS APPROVED TO PRODUCE FERROUS AND NON-FERROUS CAST PRODUCTS FOR USE IN MARINE APPLICATIONS AS OUTLINED IN ABS HULL PORT OFFICE SURVEY REPORT NO: HU1948022, DATED 15 FEBRUARY 2011 AND APPROVAL LETTER ISSUED.

THIS APPROVAL IS VALID FOR FIVE YEARS FROM THE EFFECTIVE DATE ON THIS CERTIFICATE. THE RELEVANT ABS RULES ARE TO BE ADHERED TO IN ALL RESPECTS AND PRODUCTION, INSPECTION, AND TESTING OF THE CASTINGS ARE TO BE TO THE SATISFACTION OF THE ATTENDING ABS SURVEYOR.



**Gopal Magadi**  
Senior Managing Principal Engineer,  
ABS Materials, Houston

Ref: OID: 2531826; O2E TASK: 740586; London Ref: 734714

Note: This certificate evidences compliance with one or more of the Rules, Guides, Standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof.