



CERTIFICATE NO:
11-MMPS-CF&PAC-204

EFFECTIVE DATE:
23 MARCH 2011

CERTIFICATE OF CASTING FACILITY AND PROCESS APPROVAL

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

NORRHULTS STÅLGJUTERI AB, NORRHULTS, SWEDEN

IS APPROVED TO PRODUCE FERROUS AND NON-FERROUS CASTINGS FOR USE IN MARINE APPLICATIONS AS OUTLINED IN ABS GOTHENBURG PORT OFFICE SURVEY REPORT NO: GB1957906, DATED 23 MARCH 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: 2575736; O2E TASK: 759030; London Ref: 739520

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.