



CERTIFICATE NUMBER

05-LD489786A-PDA

DATE

08 March 2005

ABS TECHNICAL OFFICE

London Ship Engineering

# CERTIFICATE OF Design Assessment

This is to Certify that a representative of this Bureau did, at the request of

**ABB Oy**

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate. It will remain valid for five years from the date of issue or until the Rules or specifications used in the assessment are revised (whichever occurs first).

PRODUCT: Motors, Low Voltage

MODEL: M2FA

ABS RULE: 2005 Steel Vessel Rules 1-1-4/7.7 and 4-8-3/3

OTHER STANDARD: IEC 60034-1;

AMERICAN BUREAU OF SHIPPING

Jean-Claude G. Dennemont

Engineering Type Approval Co-ordinator