



CERTIFICATE NUMBER

DATE

01-HG212796/2-PDA

02 April 2009

ABS TECHNICAL OFFICE

Hamburg Engineering Services

CERTIFICATE OF Design Assessment

This is to Certify that a representative of this Bureau did, at the request of
PINTSCH BUBENZER GMBH - D-57548 KIRCHEN-WEHBACH

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 as noted below or until the Rules or specifications used in the assessment are revised (whichever occurs first).

PRODUCT: Electromagnetic Motor Brake

MODEL: SFB 6.3, 10, 16, 25, 40, 63, 100, 160, 250, 400, 630, 1000

ABS RULE: 2009 Steel Vessel Rules 1-1-4/7.7, 4-8-3/1.7/1.11.1/1.17

OTHER STANDARD: N.A.;

AMERICAN BUREAU OF SHIPPING



Harmut Grommel

Engineering Type Approval Co-ordinator



CERTIFICATE NUMBER

07-HG261522/2-PDA

DATE

02 April 2009

ABS TECHNICAL OFFICE

Hamburg Engineering Services

CERTIFICATE OF Design Assessment

This is to Certify that a representative of this Bureau did, at the request of
PINTSCH BUBENZER GMBH - D-57548 KIRCHEN-WEHBACH

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 as noted below or until the Rules or specifications used in the assessment are revised (whichever occurs first).

PRODUCT: Electromagnetic Motor Brake

MODEL: MA 1, MA 6, MA 10, MAp 25

ABS RULE: 2009 Steel Vessel Rules, 1-1-4/7.7, 4-8-3/1.7/1.11.1/1.17

OTHER STANDARD: N.A.;

AMERICAN BUREAU OF SHIPPING


Hartmut Gremmel

Engineering Type Approval Co-ordinator