



CERTIFICATE NUMBER

09-HS474649-PDA

DATE

22 June 2009

ABS TECHNICAL OFFICE

Houston SED - Ship Systems

CERTIFICATE OF Design Assessment

This is to Certify that a representative of this Bureau did, at the request of
PHASETRONICS/MOTORTRONICS - CLEARWATER

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: Motor Starter, Electric

MODEL: VMX-XXX-BP

ABS RULE: 2009 Steel Vessels Rules: 1-1-4/7.7, 4-8-2/9.17, 4-8-3/Table 2, 4-8-4/9.3.2
2008 MODU: 4-3-3/3.13.2 (c), 4-3-2/9.13

OTHER STANDARD: UL Report File E136311, Project 05ME06416, dated 16 May 08 (Revised); CAN/CSA C22.2 No. 14-2005; UL 508 17th Ed;

AMERICAN BUREAU OF SHIPPING

Hans P. Haendler

Engineering Type Approval Co-ordinator