



CERTIFICATE NUMBER

09-GTW476050/1

DATE

30 June 2009

ABS TECHNICAL OFFICE

Singapore Engineering Services

# CERTIFICATE OF Design Assessment

This is to Certify that a representative of this Bureau did, at the request of  
**EXCEL MARCO INDUSTRIAL SYSTEMS PTE LTD. - SINGAPORE**

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: Monitoring System, Total Vessel Supervisory System (Monitoring/Alarm and Data Logging System)

MODEL: EM-VMS 5000

ABS RULE: Rules for Building and Classing Mobile Offshore Drilling Units 2008  
Rules for Building and Classing Steel Vessels 2009

OTHER STANDARD

AMERICAN BUREAU OF SHIPPING

Goke Tin Wong  
Engineering Type Approval Co-ordinator