



CERTIFICATE NUMBER

03-HG408637/4-PDA

DATE

05 October 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  
**PHOENIX Messtechnik GmbH - Frankfurt**

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: Gauge Glass and Level Indicators

MODEL: 700.2101, 17/215L, 700.2102, 700.5301, 700.5302, 700.2501, 710.098, 710.104, 715 B100, 700 H401, 700 H402

ABS RULE: 2009 Steel Vessel Rules 1-1-4/7.7; 4-6-2/5.5.4/ 5.5.5/ 9.11.3; 4-6-4/11.5.1/ 13.5.6(b), (c)/ 15.3.4(b), (c), 4-8-3/1.7/1.11.1; 2008 Mobil Offshore Drilling Unit Rules 4-2-3/3.5.

OTHER STANDARD N.A.;

AMERICAN BUREAU OF SHIPPING

Hartmut Grömmel

Engineering Type Approval Co-ordinator