



CERTIFICATE NUMBER

06-HS177001-PDA

DATE

05 December 2006

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  
**A-T CONTROLS**

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: Actuator, Pneumatic

MODEL: 10,20,40, 80, 130, 200, 300, 500, 850, 1200 & 1750 SP & SPD Prefix and DA, DAR, SR, or SO Suffix.

ABS RULE: 2006 Steel Vessel Rules 1-1-4/7.7, 4-6-1/5, 4-6-1/Table 1, 4-6-1/7.1.3, 4-6-4/13.5.3, 4-6-7/3.5.5, and 4-6-7/5.3.3.

OTHER STANDARD: ISO 9001, ISO 5211; Burst Pressure Test Report;

AMERICAN BUREAU OF SHIPPING

Hans P. Haendler

Engineering Type Approval Co-ordinator