



CERTIFICATE NUMBER

07-HS248440-PDA

DATE

04 June 2007

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

## Eaton PQPD

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: Transient Voltage Surge Suppressor (TVSS)

MODEL: LORN-120NNC-NM, LORN-480NNC-NM, LHP-480NNC-NM, LORN-3Y 120/208A-C-NM, LORN-1S 120A-C-NM, LORN-1S 480C-NM, LORN-1S 120A-C-NMX, LORN-120NNC-NMX, LORN-240-NNC-NM, LORN-480NNC-NMX

ABS RULE: 2007 Steel Vessel Rules 1-1-4/7.7, 4-8-2/9.3

OTHER STANDARD: UL 1449 (UL File E75634), MIL-STD-1399;

AMERICAN BUREAU OF SHIPPING

Hans P. Haendler

Engineering Type Approval Co-ordinator