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DET NORSKE VERITAS

THIRD PARTY COMPLIANCE CERTIFICATION REPORT

P.O. Number: 4505326903	Date: 21-23 May 2013	Main Vendor: Eaton	Location: Highland, IL USA
Sub Vendor: Eaton's B Line Business	Vendor Contact: Travis Shelton	Sales No: N/A	Vendor Phone: 618- 651-2019
Part No.: Several/ See Report	Quantity: 8 Sample Types	Project No: PP075257	Serial No.: None / See Report

Equipment Description

Project:

Third Party Compliance Certification for Survey of Cable Ladders/ Cable Trays in accordance with IEC 61537 "Cable Trays and Ladders" dated October 2006, and DNV Offshore Standard DNV-OS-D201 "Electrical Installations" Ch.2 Sec.10, Articles C203, C500, C600 and Ch 2 Sec 11, Article D200 dated April 2011.

End user:

None Identified

Equipment Reviewed:

Eaton's B-Line 125mm Cable Ladders are designed to support typical cable loads with minimum weight of the ladder itself. Siderails are manufactured from 1.2 mm thick steel with standard 300mm rung spacing.

Eaton's B-Line 150mm Cable Ladders are designed for applications with heavy cable loads or long support spans. These ladders allow them to be supported less frequently, saving material and labor on the support structure. Siderails are manufactured from 1.2 mm thick steel with standard 300mm rung spacing.

Both the 125mm and 150mm Cable Ladders are fabricated from 316 Stainless Steel (or equivalent), or galvanized carbon steel. Part Numbers are based on ladder size and material per Eaton's B-Line Business catalog.

Purpose of Survey:

To verify compliance via Third Party Certification of design standards, comparison to applicable cited IEC and DNV standards, and witness testing to validate that equipment is in compliance with referenced standards and requirements.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

Review Plan:

Each component piece tested herein was reviewed for compliance with IEC and DNV Standards as referenced. Discrepancies, if noted were returned for corrections. No discrepancies were noted.

Date/place of review:

21 May 2013 through 23 May 2013 at Highland, IL, USA

Remarks:

- A) Dimensional drawings were provided electronically as applicable portions of Eaton's B Line Business catalogs.
- B) Cable Ladders tested do not have serial numbers and are not designated for any specific vessel.
- C) All comments and/or questions were resolved satisfactorily during the review process.
- D) Testing performed in accordance with IEC 61537 and was found to be in compliance with DNV-OS-D201.
- E) Impact testing was performed at -25°C in accordance with IEC 61537; results satisfactory.
- F) Electrical continuity/conductivity testing was performed in accordance with IEC 61537; conductive results satisfactory with no additional electrical connections between ladder sections required to establish or maintain electrical continuity.

Deliverables:

Third Party Compliance Certification Report

Statement of compliance /non-compliance with requirements:

The items reviewed for IEC 61537 and DNV OS-D201 compliance referenced herein are found to be in compliance with referenced Standards as of the date of the report.

Surveyor/Date:

Kevin G. Peterson
13 June 2013