

Company Information	Additional Company/ Plant Detail	Confirmation Of Type Approval
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<i>Certificate Number Category Expiry Date</i> 14-JE2616081-X RQS 11/MAY/2019		

>>	<a href="#">Click Here to view more Details</a>
<b>Product</b>	Electrical, Operator Control Station
<b>Model</b>	XLe: Series HE-XE 100, 102, 103, 104, 105; XLT: Series HE-XT 100, 102, 103, 104, 105.
<b>Intended Service</b>	Marine & Offshore Application
<b>Description</b>	Built-in I/O Networking and Removable Mass Storage for Industrial Applications. May include OEM Machine Control to Machine Monitoring in a Plant Environment.
<b>Ratings</b>	Input Voltage: 10 to 30 VDC Maximum; Temperature: 0 to 50° C (XLe Operator Control Stations) ; Temperature: -10 to 60° C (XLT Operator Control Stations); Enclosure: Type 1 Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division I and 2 Groups A, B, C & D Hazardous (Classified ) Locations (XLE Operator Control Stations); Enclosure: Type 4x Nonincendive Electrical Equipment for use in Class I & II, Division 2 Groups A, B, C & D and Class III Division I and 2 Groups A, B, C & D Hazardous (Classified ) Locations (XLT Operator Control Stations)
<b>Service Restrictions</b>	Unit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) Not to be used in Control, Monitoring and Safety Systems of Propulsion Systems (Machinery, Boilers and Vital Auxiliary Pumps). 2) The OCS is certified for installation in a Type 1 Enclosure (XLe) or a Type 4x Enclosure (XLT).
<b>Comments</b>	The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The specific Functional and Operational Arrangements are to be approved for each Application.
<b>Notes, Drawing and Documentation</b>	Supporting Data: - UL508 File E180220 Issued date 12 July 2007 Revised Date 14 February 2008; - MAN0877-01, Specifications//Installation XLE OCS Model HE-XE100, dated 12 Oct. 2007, 2 Pages; - MAN0868-01, Specifications//Installation XLT OCS Model HE-XT100, dated 12 Oct. 2007, 2 Pages; - MAN0808-07, Specifications//Installation XLE OCS Model HE-XE102, dated 12 Oct. 2007, 4 Pages; - Bulletin XL Series Operator Control Stations (OCS), 6 Pages; -Bulletin 0713, HA-102A, All-In-One Intellegent & Powerful Controls, 5 pages;
<b>Term Of Validity</b>	This Product Design Assessment (PDA) Certificate 07-HS275224-2-PDA, dated 30/Sep/2013 remains valid until 29/Sep/2018 or until the Rules or specifications used in the assessment are revised (whichever occurs

first). This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

<b>ABS Rules</b>	2013 Steel Vessels Rules 1-1-4/7.7, 1-1-A3, 4-8-3/13, 4-8-4/27.5.1
<b>National Standards</b>	UL508, 17th Ed.; 2000 ANSI/ISA
<b>International Standards</b>	C22.2 No. 142-M1987, C22.2 No. 213-M1987

<b>Model Certificate</b>	<b>Model Certificate No</b>	<b>Issue Date</b>	<b>Expiry Date</b>
PDA	07-HS275224-2-PDA	30/SEP/2013	29/SEP/2018