

Company Information	Additional Company/ Plant Detail	Confirmation Of Type Approval
Horner APG, LLC 59 S. State Ave. Indianapolis IN 46201 United States Tel 317-492-9112 Fax 317-639-4279 Email : brian.stuckey@heapg.com Website : http://heapg.com		14-HS1204748-PDA
<i>Certificate Number Category Expiry Date</i> 14-JE2616081-X RQS 11/MAY/2019		

>>	Click Here to view more Details
Product	Programmable Logic Controller
Model	XL4 and XL7 Series (see attachment)
Intended Service	Marine & Offshore Applications - Programmable Controllers for use in Hazardous Areas.
Description	Programmable Automation Controllers consists of 1MB max. user memory.
Ratings	Primary Power Range: 10 - 30 VDC; Operating Temperature: -40 °C to +60 °C; Hazardous Area Rating: Class I, Division 2 Groups A, B, C & D;
Service Restrictions	Unit Certification is not required for this product. If the manufacturer or purchaser 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) for ACC and ACCU Classed Vessels . 2) Unit certification in accordance with 4-9-3 (as referred to by 4-8-3/15) of the Steel Vessels Rules is required if this product is used for control, monitoring or safety functions.
Comments	The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. 1) Tests and approval are for hardware only. Each particular application and installation is to be specifically approved in conjunction with the relevant system in which the components are used. 2) Controller to be installed in appropriate enclosure in accordance with 4-8-3/Table 2 of the SV Rules.
Notes, Drawing and Documentation	Supporting Data: UL file No. E180220, Project 06CA23091, issued 12 JUL 2007, revised 15 AUG 2012; XL4 OCS Datasheet, dated 03 JUL 2013, 6 pages; XL4 Bill of Materials, dated 22 APR 2014, 4 pages; Dwg. No. PWACPU025-G50/G51CPU025DSN, XLC CPU Daughtercard, Rev. 1, 6 shts.; Dwg. No. PWAPLC006-G50, 1,2PLC006DSN, XL4 Seiko Carrier Board, 3 shts.; XL7 Bill of Materials, dated 04 FEB 2014, 5 pages; XL7 OCS Datasheet, MAN0971-03-EN, 7 pages; Dwg. No. PWAPLC007-G50, 1,2PLC007DSN, XL7 Seiko Carrier Board, 5 shts.; Dwg. No. PWACPU026-G50/G51CPU026DSN, XL7 CPU Daughtercard, Rev. 0.2, 6 shts.; Intertek Report Number: 100755171LAX-001;

Intertek Report Number: 101579537LAX-001;

Horner Test Reports;

Anteco Test Report No. A-000J07668;

**Term Of
Validity**

This Product Design Assessment (PDA) Certificate 14-HS1204748-PDA, dated 23/Jul/2014 remains valid until 22/Jul/2019 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.

ABS Rules

Rules for Conditions of Classification, Part 1 - 2014 Steel Vessels Rules 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following: Steel Vessels 4-8-3/1.11.1, 4-8-3/13.1, 4-8-4/27.5.1; Rules for Conditions of Classification, Part 1 - 2014 Offshore Units and Structures 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following: Mobile Offshore Drilling Units 4-3-3/9.3.1;

**Other
Standards**

None.

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	14-HS1204748-PDA	23/JUL/2014	22/JUL/2019