

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		08-HS379821A-1-PDA
<i>Certificate Number Category Expiry Date</i> 14-JE2616081-X RQS 11/MAY/2019		

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Product	Automation, Modular I/O System
Model	QX451, QX551, QX651, BP41, BP43
Intended Service	Marine & Offshore Application
Description	QX Operator Control Station Base Unit. All-In-One Controller, Embedded Ethernet, and Snap-on I/O. Backpack Options add Local and Remote I/O, Sizes: 8.4", 10.4, and 12.1"
Ratings	Logic Memory: 256K Bytes, Register Memory 32K Bytes, Logic Scan Rate: 0.2mS/K. For details see attached 'pdf'
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.
Comments	The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. For Non-Propulsion related applications. Each particular application and installation is to be specifically approved in conjunction with the relevant system in which the components are used.
Notes, Drawing and Documentation	Supporting Data: - UL File E180220, Vol. 1 Sec. 15, dated 24 May 2007; * Brochure PS/3-1-06, Smart Color-Touch OCS, 2 shts;
Term Of Validity	This Product Design Assessment (PDA) Certificate 08-HS379821A-1-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.
ABS Rules	2013 Steel Vessels Rules 1-1-4/7.7, 1-1-A3, 4-9-7/7, 4-9-7/13
Other	None

Standards

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	08-HS379821A-1-PDA	30/SEP/2013	29/SEP/2018