



Lloyd's Register Type Approval Certificate

This is to certify that the undernoted products have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System, 2014

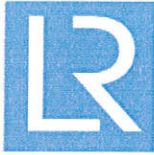
This certificate is issued to:

PRODUCER	Circor Energy DBA Circor Instrumentation Technologies DBA Hoke, Inc.	
PLACE OF PRODUCTION	405 Centura Court, Spartanburg, South Carolina 29303 USA	
DESCRIPTION	Adjustable Pressure Reducing Regulators	
TYPE	PR-1 Series	
APPLICATION	Pressure reduction systems	
DESIGN CODE	Lloyd's Register Rules and Regulations for Classification of Ships 2014 Lloyd's Register Rules and Regulations for Offshore Units 2014	
RATINGS	Inlet Pressure Psi	Upto 6000
	Outlet Pressure Psi	0 to 750
	Maximum Temperature	500° F
	Minimum Temperature	Minus 40° F
	Outer pressure containment material	316L, Inconel, Monel, Titanium and Hastelloy
Certificate No.	15/60016	
Issue Date	2 Oct 2015	
Expiry Date	1 Oct 2020	
Sheet	1 of 2	

Gopal Nair
Lloyd's Register North America Inc.

*Lloyd's Register North America Inc.
1330 Enclave Parkway, Suite 200, Houston, Texas, 77077*

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OTHER CONDITIONS

1. Where downstream components are not rated for upstream inlet pressure of the pressure reducing regulator, pressure gauges and suitable relief valves having sufficient capacity should be provided on the downstream side to protect the downstream piping as part of installation.
2. Internal components are non- metallic materials and where applicable the effect of exposure to fire should be assessed prior to installation.
3. The inlet and outlet connections are threaded type and suitability of threaded connections should be evaluated for each application.

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register North America Inc. of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No.15/60016 and its supplementary Type Approval Terms and Conditions form part of this Certificate

Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with. Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register North America, Inc. reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.

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