

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Crane Instrumentation and Sampling dba Hoke Inc. dba GO Regulator.
Address	405 Centura Court, Spartanburg, South Carolina 29303 USA
Place of Production	Crane Instrumentation and Sampling dba Hoke Inc. dba GO Regulator. 405 Centura Court, Spartanburg, South Carolina 29303 USA
Type	Valves - General
Description	Adjustable Pressure Reducing Regulators
Trade Name	PR-1 & PR- 7 Series
Application	Pressure reduction systems for Industrial, Offshore and Marine Applications
Specified Standard	MSS-SP-99-2016 Lloyd's Register Rules and Regulations for Classification of Ships 2019 Lloyd's Register Rules and Regulations for Offshore Units 2018
Ratings	Maximum Inlet Pressure Upto 6000 psi Outlet Pressure 0 to 750 psi Maximum Temperature 500 °F Minimum Temperature Minus 40 °F Outlet Pressure Containment material 316L, Inconel, Monel, Titanium and Hastelloy

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A member of the Lloyd's Register group

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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 Quality Assurance Inc of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR2160569TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.