



# Certificate of Compliance

**Certificate:** 1211828

**Master Contract:** 164367 (082566\_0\_000)

**Project:** 70175442

**Date Issued:** 2019-01-16

**Issued to:** Circor Instrumentation Technologies  
775 Spartan Blvd.  
Suite 209  
Spartanburg, South Carolina 29301  
USA  
Attention: Paul Marquez

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:** *Kerry Barnett*  
Kerry Barnett

## PRODUCTS

CLASS - C909801 - MISCELLANEOUS-For Hazardous Locations

CLASS - C909881 - MISCELLANEOUS-For Hazardous Locations - Certified to US Standards

**Class I Division 1 Groups A, B, C and D;**

CV, DHR, HPR-2, HPR-2XW, HBP, CV2, and DH2 Series Heated Adjustable Pressure Regulators  
Rated 120Vac and 230Vac 50/60Hz for:

40W (Temp. Code T2D/215C);

50W (Temp. Code T2B/260C)

100W (Temp. Code T1/450C);

40W, 50W, 100W, 150W, 200W with a TCO heater installed (Temp Code T3/200°C max)

250W with a TCO heater installed (Temp Code T2C/230°C max)

Notes related to the standards CSA C22.2 No: 61010-1-12 and UL 61010-1-3<sup>rd</sup> Edition:

1. The above models are:
  - a. Permanently connected;
  - b. Of continuous operation;
  - c. Overvoltage category II;
  - d. Pollution Degree 3; and



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- e. Class I (PE Connected) equipment.
- 2. The above models are intended for:
  - a. Indoor use;
  - b. Altitude up to 2 000 m;
  - c. Ambient Temperature: -30°C to +55°C;
  - d. maximum relative humidity 80 % for temperatures up to 31 °C decreasing linearly to 50 % relative humidity at 40 °C;
  - e. Mains supply voltage fluctuations up to ±10 % of the nominal voltage

### **APPLICABLE REQUIREMENTS**

CSA C22.2 No. 30-M1986	- Explosion-proof Enclosures for Use in Class I Hazardous Locations
CSA C22.2 No.61010-1-12	- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
ANSI/UL Standard 1203-2009	- Explosion-Proof and Dust-Ignition-Proof Electrical Equipment For Use in Hazardous (Classified) Locations
UL 61010-1-3rd Ed.	- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

### **MARKINGS**

Refer to certification report for complete details on marking.



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70175442	2019-01-16	Continuation of project 70149106. Update of the report 1211828 to include the addition of the new vaporizing regulator series HBP, C V2 and DH2. Modification of existing certified series CV, DHR, HPR-2 and HPR-2XW with a new temperature controller PCB, a new heater, and modified ground connection terminals. Regular standard updated to C22.2/UL 61010-1 Ed. 3.
2646331	2013-09-27	Update of Report 1211828 to add Class No. 909881 to US certification.
1211828	July 18, 2011	Transfer of Certification of Products Currently Certified under Master Contract 159411 to Master Contract 164367; Change in Company name from Go. Inc. to Hoke Incorporated.