



# Certificate of Compliance

Certificate: 2357629

Master Contract: 248705

Project: 80119399

Date Issued: 2022-04-19

Issued To: Profire Energy, Inc.  
9671 283 Street  
Acheson, Alberta, T7X 6J5  
Canada

Attention: Ryan Northcott

*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: *Joe DaSilva*  
Joe DaSilva



**PRODUCTS**

CLASS - C909801 - MISCELLANEOUS For Hazardous Locations

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

[Redacted]

[Redacted]

[Redacted]



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[REDACTED]

[REDACTED]

PART B:

**Class I, Division 2, Groups A, B, C and D; T4A, Type 4X**

Profire PF1800 Industrial Burner Control, models 1PS18-\*\*\*\*\* where \*\*\*\*\* can be any combination of numbers and letters, input rated: 12/24Vdc, 5A, output rated: pilot valve: 12/24Vdc, 2A(INC), main valve: 12/24Vdc, 2A(INC), combination maximum output 4A(INC), ambient: -40°C to +55°C.

Provided with software Class 2, version Terminal Card TC 1.0.000 dated Feb 22, 2013 and Door Card DC 1.0.005 dated Mar 13, 2013.

CLASS C2632 02 – FUEL BURNING EQUIPMENT (GAS) - Gas Burners, Electrical Equipment for Accessories  
CLASS C2632 82 – FUEL BURNING EQUIPMENT (GAS) - Gas Burners, Electrical Equipment for Accessories  
- Certified to U.S. Standards

[REDACTED]

PART B:

Profire PF1800 Industrial Burner Control, models 1PS18-\*\*\*\*\* where \*\*\*\*\* can be any combination of numbers and letters, input rated: 12/24Vdc, 5A, output rated: pilot valve: 12/24Vdc, 2A(INC), main valve: 12/24Vdc, 2A(INC), combination maximum output 4A(INC), ambient: -40°C to +55°C. Enclosure Type 4X.

Provided with software Class 2, version Terminal Card TC 1.0.000 dated Feb 22, 2013 and Door Card DC 1.0.005 dated Mar 13, 2013.



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Safety function	Timings (secs)
Max flame failure response time	4 sec
Pre-purge time	10 sec (Min), 900 sec (Max)
Post-purge time	10 sec (Min), 900 sec (Max)
Max trial for ignition period	10 sec
Max lock-out time	4 Sec

1. The supplied DC voltage is coming from battery or Class 2 circuit.
2. Above model is Certified as a component model to be used in CSA Certified equipment where the suitability of the combination is evaluated by CSA-International.

**APPLICABLE REQUIREMENTS**

CSA C22.2 No. 0 - 10	General Requirements - Canadian Electrical Code Part II.
CSA C22.2 No. 0.4-2004	Bonding of Electrical Equipment (Protective Grounding)
CSA C22.2 No. 94-M91	Special Purpose Enclosures
UL 50 11 <sup>th</sup> Edition	Enclosures for Electrical Equipment
CSA C22.2 No. 60529, Ed. 2.1	Degrees of protection provided by enclosures (IP Code)
CSA C22.2 No. 199, 3rd Edition /	Automatic Electrical Controls for Household and Similar Use – Part 2:
ANSI Z21.20, 15th Edition /	Particular Requirements for Automatic Burner Ignition Systems and
UL 372, 6th Edition	Components
CSA C22.2 No. 213-M1987	Non-Incendive Electrical Equipment for Use in Class I, Division 2
	Hazardous Locations
ANSI/ISA 12.12.01 - 2007	Non-Incendive Electrical Equipment for Use in Class I and II, Division 2,
	Class III Divisions 1 and 2 Hazardous (Classified) Locations
CSA C22.2 No. 60079-0:11	Electrical Apparatus for Electrical Gas Atmospheres Part 0: General
	Requirements
CSA C22.2 No. 60079-15:12	Electrical Apparatus for Explosive Gas Atmospheres - Part 15:
	Construction, test and marking of type of protection “n” electrical
	apparatus
UL No. 60079-0, Ed. 6	Electrical Apparatus for Electrical Gas Atmospheres Part 0: General
	Requirements
UL No. 60079-15, Ed. 4	Electrical Apparatus for Explosive Gas Atmospheres - Part 15:
	Construction, test and marking of type of protection “n” electrical
	apparatus

Products certified under Class C263202, C263282, C909801, C909881 have been certified under CSA’s ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC).  
[www.scc.ca](http://www.scc.ca)

