

Suite 630  
2710-17<sup>th</sup> Avenue SE  
Calgary AB T2A 0P6  
phone: (403) 290-6300  
fax: (403) 290-6301

www.ETCorp.ca

## EC Declaration of Conformity

We,

Extreme Telematics Corporation (ETC)  
2710 17<sup>th</sup> Avenue S.E., Suite 630  
Calgary, Alberta, T3K3V7, Canada

Herein declare that the following products are designed and manufactured in accordance with the requirements of the stated EC Directives based upon its design and type, as brought into the European Community. Any modification to the product after delivery will invalidate this Declaration.

Product Name: **ET-11000-1019-0200 (Cyclops ATX)**  
ATEX Certificate Number: **ETC 15 ATEX 0001 X**, issued by ETC per Annex VIII: Internal Control of Production  
Explosion Protection Type: **CE Ex II 3G Ex nA IIC T4 Gc (-40°C ≤ Ta ≤ +70°C)**  
Applicable EC Directives: **Directive 94 / 9 / EC**, Explosive Atmospheres (ATEX)  
**Directive 2004 / 108 / EC**, Electromagnetic Compatibility  
Applicable Standards:

EN 60079-0:2012	Explosive Atmospheres – Part 0: Equipment - General Requirements
EN 60079-15:2010	Explosive atmospheres. Part 15: Equipment protection by type of protection "n"
EN 61000-6-4:2011	Electromagnetic compatibility (EMC)–Part 6-4: Generic standards – Emission standard for industrial environments
EN 61000-6-2:2005	Electromagnetic compatibility (EMC)–Part 6-2: Generic standards – Immunity for industrial environments
EN 55011:2010	Radiated and Conducted Emissions, Class A Group 1
EN 61000-4-2:2008	Electrostatic Discharge - 4 kV contact; 8 kV air
EN 61000-4-3:2010	Radiated RF Immunity - 10 V/m
EN 61000-4-4:2012	Electrical Fast Transients - 2 kV DC & 1kV I/O
EN 61000-4-5:2005	Surge immunity test - 0.5 kV L-L & 0.5 kV L-G
EN 61000-4-6:2013	Conducted RF Immunity - 10 Vrms

Place of Issuance: **Calgary, Alberta, Canada**  
Date of Issuance: **November 2, 2015**  
Issued by:

11/2/2015

X Valens D. Silva

Signed by: valens.dsilva



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1. **ATEX Category 3 Certificate** (Annex VIII assessment)
2. Equipment intended for use in potentially explosive atmospheres
3. Certificate Number: **ETC 15 ATEX 0001X**
4. Equipment: **ET-11000-1019-0200 (Cyclops ATX)**
5. Manufacturer: Extreme Telematics Corporation (ETC)
6. Address: 2710 17<sup>th</sup> Avenue, Suite 630  
Calgary  
Alberta Canada T2A 0P6
7. This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
8. ETC attests that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres give in Annex II to the directive 94/9/EC. The examination and test results are recorded in confidential report no.: ET-11000-1019-0220
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
EN 60079:0:2012/A11:2013 EN 60079-15:2010
10. If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate
11. Certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC
12. The marking shall include the following:



II 3G Ex nA IIC T4 Gc

Signed on behalf of ETC by:

11/2/2015

X

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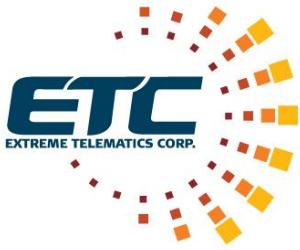
Valens D'Silva  
Chief Technical Officer  
Signed by: valens.dsilva

Certificate ETC 15 ATEX 0001X

This certificate may only be reproduced in its entirety and without any change, schedule included.

The certificate is valid only when it carries an original signature.

For help and assistance relating to this certificate, contact Extreme Telematics Corporation, Canadian location.



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**ATEX Category 3 Certificate Schedule**

**Certificate number: ETC 15 ATEX 0001X**

**Equipment Description:**

The product covered by this report is a 3 wire plunger arrival sensor for use in hazardous location. This equipment detects disturbances in an external magnetic field to detect the movement of plungers (ferrous objects) in oil/gas artificial lift systems.

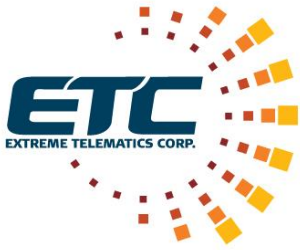
**Documents**

Document No.	Description	Revision	Date (m/d/y)
ET-11000-1019-0000	Cyclops Assembly Drawing	3	06/11/2012
ET-11000-1019-0200-BOM	BOM – Cyclops ATX Plunger Arrival Sensor ET-11000-1019-0200	3	10/30/2015
ET-11000-1019-1001	Revision 4.1; Cyclops Plunger Arrival Sensor schematic, component layout and PCB Bill of Material.	4.1	01/09/2015
ET-11000-1019-1002	Cyclops panel fabrication drawing.	4.1	01/20/2015
ET-11000-1019-2205	Install Guide – Cyclops ATX ET-11000-1019-0200	1	10/14/2015
ET-11000-1019-2206	Non-sparking Control Drawing - Cyclops ATX ET-11000-1019-0200	3	10/30/2015
ET-11000-1019-2207	Non-sparking Nameplate Label – Cyclops ATX ET-11000-1019-0200	3	10/30/2015
ET-11000-1019-2003	Inside lid label with Cyclops label. Label for connector terminal and switch designation	6	7/7/2015
ET-11000-1018-1010	Aluminum ADC-12 body and cover, continuous silicone gasket, stainless steel captive screws used.	1	07/02/2015

**Conditions of Certification:**

The end user must select and install ATEX certified cable glands with a rating suitable for use with gas group IIC and EPL Gc. Cable glands and blanking plugs shall have an operating temperature suitable for an environment of  $-40^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$ .

Certificate ETC 15 ATEX 0001X  
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**Special conditions of certification:**

The temperature range of the product falls outside the normal ambient temperature range  
and is marked:  $-40^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$

Certificate ETC 15 ATEX 0001X

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