



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx CSA 13.0006X Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2016-12-07\)](#)
Date of Issue: **2016-12-07** [Issue No. 0 \(2013-02-18\)](#)
Applicant: **McCoy Global Canada Corp.**
14755-121A Avenue
Edmonton, Alberta, T5L 2T2
Canada
Equipment: **Model 60-TSA-aa-bb-cc-dd-ee weCATT Wireless Torque Sub**
Optional accessory:
Type of Protection: **Ex d [ib]**
Marking:
Ex d [ib Gb] IIB Gb T4
Tamb: -40 to +70C

*Approved for issue on behalf of the IECEx
Certification Body:*

Dorin Stochitoiu

Position:

Technical Advisor

*Signature:
(for printed version)*

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

CSA International
178 Rexdale Boulevard
Toronto, Ontario M9W 1R3
Canada
and
1707 - 94th Street
Edmonton, AB T6N 1E6
Canada





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Manufacturer: **Farr Canada Corporation**
14755-121A Avenue
Edmonton, Alberta
Canada, T5L 2T2
Canada

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6
IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[CA/CSA/ExTR12.0021/00](#) [CA/CSA/ExTR12.0021/01](#)

Quality Assessment Report:

[CA/CSA/QAR13.0001/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The 60-TSA-aa-bb-cc-dd-ee Series Wireless Torque sub records oil rig torques, turns, hook loads, and transmits data to monitors by a wireless transceiver. The Torque Sub is powered by a 14.4V nominal Lithium-Thionyl Chloride battery pack.

Model breakdown is as follows:

aa = Box Thread (01 or 02)

bb = Pin Thread (01 or 02)

cc = Box Recuts (00, 01 or 0X)

dd = Pin Recuts (00, 01, 02 or 0X)

ee = Thread Orientation (00 or 01)

CONDITIONS OF CERTIFICATION: YES as shown below:

“WARNING – DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT”

“WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS”



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1: Update to include minor, non-critical revision of manufacturer documentation. Applicant name update from Farr Canada Corporation to McCoy Global Canada Corp.