



Certificate of Compliance

Certificate: 70017227

Master Contract: 213004

Project: 70017227

Date Issued: 2016-06-21

Issued to: R Stahl HMI Systems GmbH
Adolf-Grimme-Allee 8
50829 Koln
GERMANY

Attention: Herr Jens Winkelmann

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by:

D W Holton
D W Holton

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

**Ex ia [ia Ga] [ia Da IIIC] IIC T4 Gb
Class I, Division 1, Groups A, B, C and D:**

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards

**Class I, Zone 1, AEx ia [ia Ga] [ia Da IIIC] IIC T4 Gb
Class I, Division 1, Groups A, B, C and D:**

The **Trex Device Communicator** is a handheld, battery-powered, intrinsically safe, portable maintenance tool, typically for use in a process plant. The device communicates with microprocessor-based measurement and actuation field devices. It supports multiple communication protocols including HART® and FOUNDATION™(TM) Fieldbus. The equipment is powered by four lithium-ion cells (ICR18650K) in a 2-series x 2 parallel combination, with a peak voltage of 8.4 V. $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$.



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Condition of Acceptability

The Trex Device Communicator shall only be charged in a non-hazardous location, using a charger specifically supplied for use with the unit. The ambient temperature during charging shall be in the range 0°C to 45°C.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 61010-1:2012, 3 rd Ed.	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements - Third Edition
CAN/CSA-C22.2 No. 60079-0:2011, 5 th Ed.	Explosive Atmospheres - Part 0: Equipment - General requirements
CAN/CSA-C22.2 No. 60079-11:2014, 6 th Ed.	Explosive Atmospheres – Part 11: Equipment protection by intrinsic safety "i"
ANSI/ISA-61010-1, 3 rd Ed.	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements - Third Edition
UL 913:2013, 8 th Ed.	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations
ANSI/UL 60079-0:2013, 6 th Ed.	Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
ANSI/UL 60079-11:2013, 6 th Ed.	Electrical apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"