

## **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 ETL 15.0022	issı	ue No.:2	Certificate history
Status:	Current			Issue No. 2 (2016-4-22) Issue No. 1 (2015-7-14) Issue No. 0 (2015-5-15)
Date of Issue:	2016-04-22		Page 1 of 4	
Applicant:	ITT - Industrial Process Operating as: Goulds Pump ITT Industries, Goulds Pum 240 Fall Street; Seneca Fall United States of Americ	ps s, NY 13148		
Equipment: Optional accessory:	Condition Monitor (i-ALE None	RT)		
Type of Protection:	Intrinsic Safety (ia)			
Marking:	IECEx ETL 15.0022 Ex ia I Ma; Ex ia IIB T4 Ga; Ex ia IIIC T135°C Da			
Approved for issue on be Certification Body:	ehalf of the IECEx	Don Card		
Position:		Certification Offici	ier	
Signature: (for printed version)				
Date:		-	-	<u>—</u>
2. This certificate is not tr	hedule may only be reproduc ransferable and remains the p nticity of this certificate may be	property of the issuir		Website.

Certificate issued by:

Intertek 3933 US Route 11 South Cortland NY 13045-2995 United States of America





# **IECEx Certificate** of Conformity

IECEx ETL 15.0022 Certificate No.:

Date of Issue: 2016-04-22 Issue No.: 2

Page 2 of 4

Manufacturer:

ITT - Industrial Process
Operating as: Goulds Pumps Inc or
ITT Industries, Goulds Pumps
240 Fall Street; Seneca Falls, NY 13148
United States of America

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

IEC 60079-11 : 2011

Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

IEC 60079-26: 2006 Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga

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: US/ETL/ExTR15.0021/00

US/ETL/ExTR15.0021/01

US/ETL/ExTR15.0021/02

Quality Assessment Report:

NO/PRE/QAR15.0042/00



## **IECEx Certificate** of Conformity

Certificate No.:

IECEx ETL 15.0022

Date of Issue:

2016-04-22

Issue No.: 2

Page 3 of 4

Schedule

#### EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

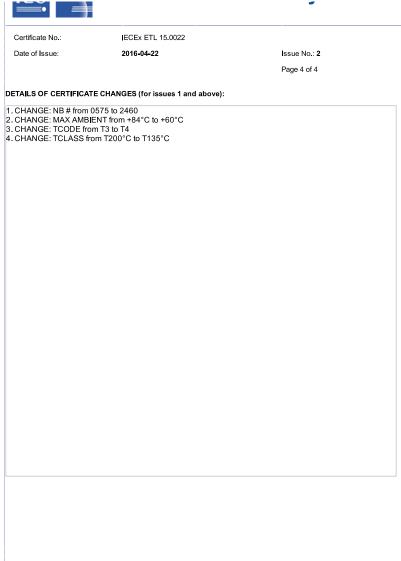
The product is a data acquisition device with respect to vibration. This device takes vibration from a pump using a sensor (accelerometer). The data is then manipulated by a digital signal processor to do analysis. This analysis is then stored into memory. This stored data is then transferred to the user via low energy Bluetooth to an iPhone using an app when requested. The product is battery powered and for fixed installation. The product employs intrinsic safety for type of protection for use in hazardous locations. The product's enclosure is comprised of a housing cover and encapsulation to cover the PCB Assembly and battery. The encapsulation serves as an enclosure and not as a protective feature under intrinsic safety protection type with the exception of encapsulating the fuse. Intrinsic safety is provided by use of limited cell energy and power, protective fuse and resistors, and protective spacings, accordingly. The completed enclosure assembly/system provides adequate ingress protection (greater than IP20).

Please see Annex 1 for Manufacturer's Documentation.

CONDITIONS OF CERTI	FICATION: NO		
	ii.	 	



**IECEx Certificate** of Conformity



Annex: Annex 1 IECEx ETL 15\_0022.pdf