IEC	IECEX
®	тм

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 SIR 13.0156	issue No.:4	Certificate history: Issue No. 4 (2017-6-5)
Status:	Current		Issue No. 4 (2017-0-5) Issue No. 3 (2017-3-27) Issue No. 2 (2016-10- 13)
Date of Issue:	2017-06-05	Page 1 of 5	Issue No. 1 (2015-3-16) Issue No. 0 (2014-2-5)
Applicant:	Gill Instruments L. 67 Gosport Street Lymington Hampshire S041 9E0 United Kingdom		
Equipment: Optional accessory:	I.S. WindObserver F	Power Supply Unit 1360	
Type of Protection:	Intrinsically Safe an	nd Dust	
Marking:	[Ex ia Ga] IIC [Ex ia Da] IIIC Ta = -30°C to +6	0°C	
Approved for issue on b Certification Body:	ehalf of the IECEx	N Jones	
Position:		Certification Manager	
Signature: (for printed version)		n. Jones.	
Date:		2017-06-05	
2. This certificate is not	chedule may only be rep transferable and remain enticity of this certificate	produced in full. Is the property of the issuing body. May be verified by visiting the Official	IECEx Website,
Unit 6, Ha Hawarde	Certification Service CSA Group warden Industrial Park en, Deeside, CH5 3US nited Kingdom		CSA Group



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

 Edition: 6.0
 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

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:

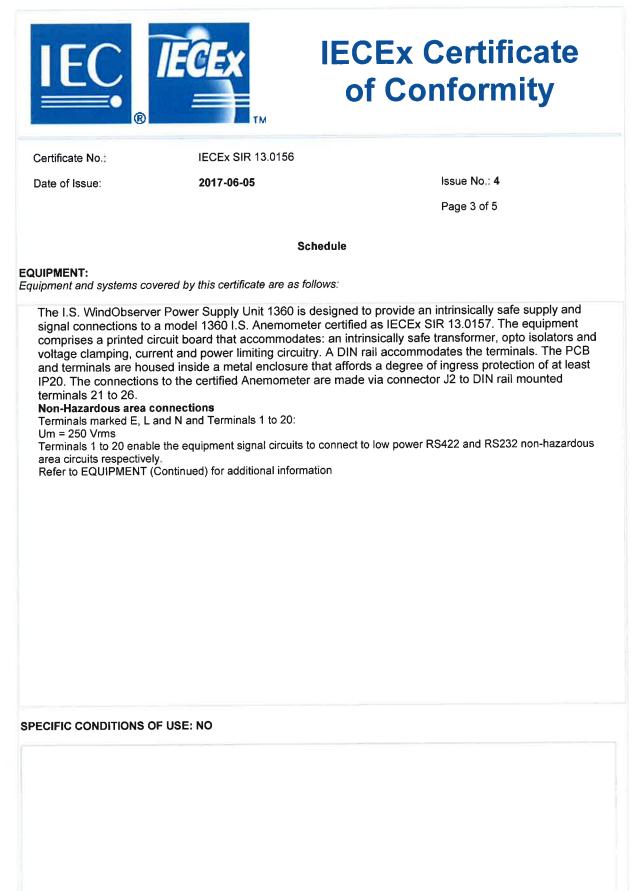
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report: GB/SIR/ExTR14.0018/00 GB/SIR/ExTR17.0054/00

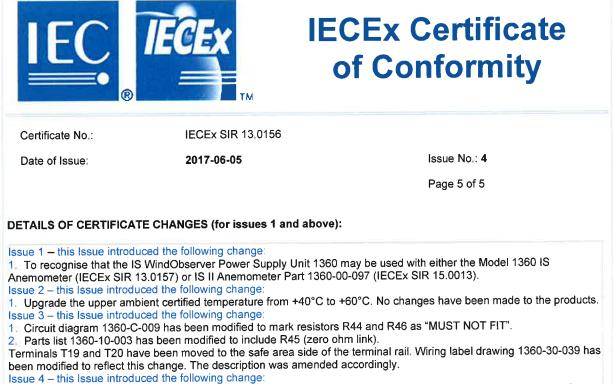
GB/SIR/ExTR15.0071/00 GB/SIR/ExTR17.0106/00 GB/SIR/ExTR16.0260/00

Quality Assessment Report:

GB/SIR/QAR10.0007/02



				ertificate formity			
Certificate No.:	IECEx SIR 13	3.0156					
Date of Issue:	2017-06-05	Issue No.: 4		ue No.: 4			
			Pa	ge 4 of 5			
EQUIPMENT(continu	ied):						
Hazardous area cor Terminals 21 to 26	nections						
Uo = 11.55 V	lo = 162 mA	Po = 0.417W	Ci = 0	Li = 0			
Cable parameters The capacitance and either the inductance or the inductance to resistance (L/R) ratio of the load connected to each separate circuit listed above must not exceed the following values.							
Group	Capacitance (µF)	Inductance		_/R Ratio (µH/W)			
IIC IIB	1.59 10.8	800 3200		90 360			
IIA	43	6400	-	720			
 Conditions of manufacture The Manufacturer shall comply with the following: 1. The Power supply unit transformer, T1, is subject to routine tests at voltages of 2500 V between input and output windings, 1000 V rms between windings and core, and 1500 V between the winding supplying I.S. circuit and the other output winding, in accordance with clause 11.2 of IEC 60079-11:2011. 							



1. Cover Plate drawing 1360-M-037 has been modified to add a note regarding surface of cover plate being free of scratches. No changes have been made to the products.