

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

CR:110AIS Noise Dosemeter

IS / I / 1 / ABCD / T4 Ta = 60°C; IP54

I / 0 / AEx ia IIC / T4 Ta = 60°C; IP54

Special Conditions of Use

1. *The Sealing Base Plate must be fitted to the charging socket in service, to ensure that a degree of protection against the ingress of dust and moisture of at least IP54 is maintained.*

Equipment Ratings:

Intrinsically safe for Class I, Division 1, Groups A, B, C and D and Class I, Zone 0, Group IIC.
Temperature Class T4 with a maximum ambient temperature of 60°C. Ingress protection IP54

FM Approved for:

Cirrus Research plc
Hunmanby
North Yorkshire
United Kingdom YO14 0PH



This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	1998
Class 3610	2007
Class 3810	2005
ANSI/ISA 60079-0	1999
ANSI/ISA 60079-11	2002
NEMA 60529	2004

Original Project ID: 3038456

Approval Granted: *15 April 2010*

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC



Robert L. Martell, Jr.
Assistant Vice President

April 15, 2010
Date