



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa08ATEX0086X/1**

4 Equipment or Protective System: **HS-420 Series Accelerometer**

5 Manufacturer: **Hansford Sensors Limited**

6 Address: **Saunderton, Bucs, HP14 4JE, UK**

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa08ATEX0086X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **5943**

Project File No. **08/0340**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa08ATEX0086X/1

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Description of the variation to the Equipment or Protective System

Variation 1.1

To permit the introduction of a new mining version complete with integral fuse, identified as: HS-420MFxxxxyyzz or HS-422MFxxxxyyzz. This version has the simplified set of terminal parameters of:

$$U_i = 16.5V$$

Note: The Pi figure is no longer required and the apparatus no longer needs to be powered from a power limited source containing a 62mA fuse.

Variation 1.2

To permit minor non-electrical changes that do not affect the original assessment.

16 Report Number

GB/BAS/ExTR08.0112/00

17 Special Conditions for Safe Use

None additional to those listed previously

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
HS420-M	1 of 1	A	16.06.08	HS-420M/HS-422M 4-20mA Circuit
P01-026	1 of 1	A	19.05.08	HS420M Connection PCB for M12 Connector
P02-026	1 of 1	A	19.05.08	HS420M Connection PCB
M06-008-B	1 to 4	B	15.05.08	General Arrangement and Product Information for Group I and Group II HS-420 & HS-422 Series Accelerometers
M06-020-A	1 to 4	A	15.05.08	General Arrangement and Product Information for Group I Fused HS-420 & HS-422 Series Accelerometers

These drawings are associated and held with IECEx BAS 08.0034X