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: **BAS99ATEX1180/1**

4 Equipment or Protective System: **600T EN SERIES PRESSURE TRANSMITTERS**

5 Manufacturer: **ABB INSTRUMENTATION SpA**

6 Address: **Via Statale 113, 22016 Lenno (Como), Italy**

7 This supplementary certificate extends EC-Type Examination Certificate No. BAS99ATEX1180 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 and without any change, schedule included.

File No: EECS 0619/02/009

BASEEFA Certification Report No. 99(C)1004 dated 22 March 2001

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.

I M CLEARE
DIRECTOR
28 March 2001

HSE Health & Safety Executive

Electrical Equipment Certification Service
Health and Safety Executive
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13 **Schedule**

14 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX1180/1**

Description of the Variation to the Equipment or Protective System

To permit the changes listed below to the 600T EN Series Smart Pressure Transmitter thus creating a 600T EN Series Foundation Fieldbus Pressure Transmitter coded ⟨Ex⟩ II 1 GD T70°C and EEx ia IIC T4 (-40°C ≤ T_a ≤ +60°C) which measures a process pressure and transmits a current modulated digital signal at 31.25Kbit/sec transmission speed.

The permitted changes are:

1. Redesign of the µP board to form a Foundation/Profibus µP Board.
2. Redesign of the PS Board to form a Foundation PS Board.
3. Removal of the meter option.

The input parameters for the Foundation Fieldbus Pressure Transmitter are:-

U_i = 24V (from a source with a current limiting resistance of 95Ω minimum)
P_i = 1.2 W
C_i = 2.4nF
L_i = 0

16 **Report No.**

99(C)1004

17 **Special Conditions For Safe Use**

None

18. **Essential Health and Safety Requirements**

See original certificate

19 **DRAWINGS**

Number	Sheet	Issue	Date	Description
*1H5-15-00720	2	7	20.Dec.00	Circuit Primary Electronics
*1H5-15-04766	1	Original	20 December 2000	Circuit µP Board
*AN 0600/1	1	Original	20 December 2000	Part list µP Board
*1H5-15-04766	2	Original	20 December 2000	PCB µP Board
1H5-15-04766	3	Original	20 December 2000	Circuit PS Board - Foundation
AN 0601/1	1 & 2	Original	20 December 2000	Parts list PS Board - Foundation
1H5-15-04766	4	Original	20 December 2000	PS Board - Foundation

13 **Schedule**

14 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX1180/1**

Number	Sheet	Issue	Date	Description
1H5-15-04767		Original	8 November 2000	Label - Foundation

*These drawings are common to BAS00ATEX1241