

EU Declaration of Conformity

We, **Eaton Electric Limited**, Great Marlings, Luton, Bedfordshire, United Kingdom. LU2 8DL

declare under our sole responsibility that the **K1550 Gas Analysers** listed below, to which this declaration relates, conform with the requirements of the Directives below by compliance with the standards listed.

EMC Directive - Council Directive 2014/30/EU relating to Electromagnetic Compatibility.

- a. EN 61326-1:2013 Class B equipment. Table 2 – Industrial locations

Low Voltage Directive - Council Directive 2014/35/EU relating to Product Safety.

- b. EN 61010-1:2010

Compliance with the Low Voltage Directive (LVD) is not required for products covered by the ATEX Directive, however it is included in this declaration as the LVD may apply to these products if they are used in situations not covered by the ATEX Directive.

ATEX Directive - Council Directive 2014/34/EU relating to equipment and protective systems intended for use in potentially explosive atmospheres.

- c. EN 60079-0:2012+A11:2013†
d. EN 60079-1:2014†
e. EN 60079-11:2012†
f. EN 60079-31:2014†

† Where products were initially assessed for compliance with the Essential Health and Safety Requirements of the Directive using earlier harmonised standards, a subsequent review has determined that compliance is unaffected by the current harmonised standard(s) listed above.

Products covered by this declaration:

Product	Description	EMC ¹ Standards	LVD ¹ Standards	Year LVD Applied	ATEX ¹ Standards	ATEX ² Marking	Cat1/Cat2 ATEX Cert. No.	Cat3 ATEX Cert. No.
K1550R	Gas Analyser (5%, 20% or 100% range, with or without compensation)	a	b	2013	N/A	N/A	None	None
K1550FX	Gas Analyser (5%, 20% or 100% range, with or without compensation)	a	b	2013	c, d, e, f	3	See note 3	None

Notes:

- 1 Entries in this column may be either letter notation (a,b,c etc..) indicating which standards from page 1 apply, or N/A if the directive does not apply
- 2 Entries in this column refer to notes below indicating ATEX markings present on products, or N/A if the directive does not apply
- 3 ATEX markings:

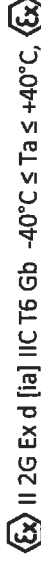

The K1550FX comprises a K1550 Gas Analyser, Hitech 235-0137 remote sensor and MTL766Pac zener barrier. The remote sensor is suitable for mounting in Zone 1 when connected via the zener barrier. The K1550 and MTL766Pac are safe area mounting only. The sensor and barrier are separately certified and marked as follows:

Sensor Certificate: ITS11ATEX17421X Marking:  II 2G Ex d IIB+H2 T6 Gb -40°C ≤ Tamb ≤ +40°C

Barrier Certificate: BAS01ATEX7202 Marking:  II (1) GD [Ex ia Ga] IIC, [Ex ia Da] IIIC -20°C ≤ Tamb ≤ +60°C

The K1550FX may optionally be installed in an Ex d enclosure from JCE Group, part number GUBHC5-05766, in which case the whole assembly is suitable for mounting in Zone 1 or 21 and is marked as follows:

K1550FX in
Ex d
enclosure

Certificate: TRAC12ATEX0013X Marking:  II 2G Ex d [ia] IIC T6 Gb -40°C ≤ Ta ≤ +40°C,  II 2D Ex tb [ia] IIIC T80°C Db IP66

The K1550R is not certified for mounting in, or connection to, hazardous areas.

- 4 The K1550R and K1550FX Gas Analysers may optionally be fitted into a KK650 wall mounted enclosure. When mounted in such an enclosure the instrument continues to comply with the directives stated on this declaration. The KK650 wall-mounted enclosure option is not compatible with the Ex d enclosure option described in note 3.

Notified Bodies responsible for issuing Cat 1 or 2 ATEX Certificates:

0598 SGS Fimko Oy, Helsinki, 00211, Finland
0359 Intertek, Leatherhead, KT22 7SB, United Kingdom
0518 TRAC, Skelmersdale, WN8 9PN, United Kingdom

Notified Body responsible for ATEX QA regime:

0598 SGS Fimko Oy, Helsinki, 00211, Finland
0359 Intertek, Leatherhead, KT22 7SB, United Kingdom
0518 TRAC, Skelmersdale, WN8 9PN, United Kingdom