



EC TYPE-EXAMINATION CERTIFICATE

- 1.
2. **Equipment or Protective System Intended for use in
Potentially Explosive Atmospheres Directive 94/9/EC**
3. EC-Type Examination Certificate Number: ITS03ATEX11245
4. Equipment or Protective System: LVDT Part No C152774-1
5. Manufacturer: Whittaker Controls Inc
6. Address: 12838 Saticoy Street, PO Box 3951, North Hollywood, California 91605
USA
7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
8. The ITS Testing and Certification Limited, notified body number 0359 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report Number:
ITS Report Ref 02007585WHT2, dated July 2003
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014:1997, EN 50018:200
except in respect of those requirements listed at item 18 of the Schedule.
10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
11. This EC-TYPE EXAMINATION CERTIFICATE relates only to the design of the specified equipment or protective system. Further requirements of this Directive apply to the manufacture and supply of this equipment or protection system.
12. The marking of the equipment or protective system shall include the following:-



II 2 G, EEx d IIB T4 (Tamb= -20°C to 105°C)

ITS Testing & Certification Limited
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Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977
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Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

R M Adams
Deputy Certification Manager
23 July 2003

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

13. Schedule

14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS03ATEX11245

15. DESCRIPTION OF EQUIPMENT OR PROTECTIVE SYSTEM.

LINEAR VARIABLE DIFFERENTIAL TRANSFORMER (LVDT) Part No. C152774-1 consisting of a cast aluminium alloy enclosure, the enclosure cover is secured by 4 socket head cap screws. The LVDT sensor is fitted into the end wall of the enclosure. The equipment is rated at 7 Vac, 3000 Hz, 0.025A.

The LVDT is for use with Whittaker electric gas metering valve, the valve will provide an external earth facility.

External connections must be made via an approved flameproof cable entry device to the gas metering valve.

16. REPORT NO. ITS REPORT REF 02007585WHT2.

17. SPECIAL CONDITIONS FOR SAFE USE
None

18. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The essential health and safety requirements not covered by reference to the standards identified in Section 9 above.

None

13. DRAWINGS

Number	Issue	Date	Description
C152774	D	00.01.18	General Assembly
C326690	B	96.4.19	Cover
C326691	B	96.4.15	Adapter
C326689	A	96.10.10	Base
C159669	A	96.1.31	Sensor
C326818	-	96-3-6	Internal label
C201241	C	01.8.21	Label

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