



Intertek Testing Services



1. **TYPE EXAMINATION CERTIFICATE**

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

3. Type Examination Certificate Number: **ITS02ATEX4050**

4. Equipment: **STAGING VALVE, Part number 422465**

5. Manufacturer: **Whittaker Controls Inc**

6. Address: **12838 Saticoy Street, PO Box 3951, North Hollywood, California 91605 USA**

7. This equipment is specified in the schedule to this certificate and the documents therein referred to.

8. ITS Testing and Certification Limited certifies that this equipment 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 Council Directive 94/9/EC of 23 March 1994.

The examination and test results are recorded in file number: ITS reference 02008494

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with the applicable parts of: EN50021: 1999, 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 certificate relates only to the specified equipment identified in Section 4 above.

12. The marking of the equipment shall include the following:-



II 3 G,  
EEx nC II T3, T<sub>amb</sub> 150°C, duty cycle 30 seconds in any hour

ITS Testing & Certification Limited  
ITS House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
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A T Austin  
Principal Engineer  
Dated 12th February 2003

Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

13. **Type Examination Certificate Number:** ITS02ATEX4050

14. **Schedule**

15. **Equipment:** STAGING VALVE, Part number 422465

16. **DESCRIPTION OF EQUIPMENT**

**THE STAGING VALVE, Part number 422465** comprises a dc solenoid operator, which actuates a mechanical valve that controls the gas supply to a gas turbine. Hermetically sealed switch contacts rated at 32 V dc 100mA, located in the solenoid housing, sense movement of the armature and can be used to provide positional feedback.

The solenoid housing and valve body are manufactured from stainless steel.

The solenoid is rated at 95-140 V dc, with a duty cycle that must not exceed 30 seconds energized in any hour.

17. **REPORT NUMBER**

ITS file reference 02008494.

18. **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (EHSR'S)**

The relevant EHSR's that have not been addressed by the standards listed in this certificate have been identified and assessed in ITS file reference 02008494.

19. **DRAWINGS**

Number	Issue	Date	Description
C422465	-	1.30.03	General Assembly
C422464	-	1.03.03	Valve Assembly (Sheets 1 and 2)
C201287	-	1.30.03	Label plate
C159460	H	00.5.17	Coil
C159462	D	95.3.2	Switch
C201194	-	95.1.17	Label
C325657	E	95.10.12	Top cover
C325659	D	95.9.5	Top cap

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and is subject to ITS Testing and Certification Conditions for Granting Certification.