



1. **EC-TYPE EXAMINATION CERTIFICATE**

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

3. EC-Type Examination Certificate Number: **ITS06ATEX15124**

4. Equipment or Protective System: **GeoPump™ pump range**

5. Manufacturer: **Marton Geotechnical Services**

6. Address: **Geotechnical Centre, Rougham Industrial Estate, Rougham, Bury St Edmunds, Suffolk IP30 9ND**

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. Intertek 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.

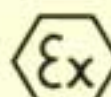
The examination and test results are recorded in confidential Report Number:
Intertek Report Ref 05018034 dated February 2006

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 13463-1: 2001 and EN13463-5: 2003 except in respect of those requirements referred to 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, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

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

 II 1 G, c T6, T_{amb} 1°C to 70°C

Intertek Testing & Certification Limited
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A T Austin
Head of Department
21 February 2006

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Intertek Industrial

13. Schedule

14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS06ATEX15124

15. DESCRIPTION OF EQUIPMENT OR PROTECTIVE SYSTEM

The GeoPump™ range comprises submersible automatic controllerless pneumatic pumps suitable for pumping of leachate and condensate from landfills and also for the selective pumping of hydrocarbons in groundwater remediation. The pump, fitted with inlet and outlet liquid non-return valves, has a float, free to move within an outer casing, which operates air inlet and exhaust valves, resulting in an air pressure and air vent cycle. This air cycle produces a corresponding intake and exhaust of liquid through the pump.

The pump can be energized by compressed air from 2 to 8 bar pressure.

Four types are available:

GP4B – 4" OD GeoPump™ bottom loading

GP4T – 4" OD GeoPump™ top loading

GP3B – 3" OD GeoPump™ bottom loading

GP3T – 3" OD GeoPump™ top loading

16. REPORT NUMBER

Intertek Report Ref 05018034, dated February 2006

17. SPECIAL CONDITIONS FOR SAFE USE

None

18. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (ESHR'S)

The relevant EHSR's that have not been addressed by the standards listed in this certificate have been identified and assessed in Intertek Report Ref 05018034, dated February 2006.

19. DRAWINGS

Drawing	Issue	Date	Description
P0330 (Ex)	1	Dec 05	GP4B – 4" bottom loading pump
P0349 (Ex)	1	Dec 05	GP4T – 4" top loading pump
P0327 (Ex)	1	Dec 05	GP3B – 3" bottom loading pump
P0348 (Ex)	1	Dec 05	GP3T – 3" top loading pump
P0386A-F	5	Feb 06	label

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