



Intertek Testing Services



1. **TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**

3. Type Examination Certificate Number: **ITS03ATEX11144**

4. Equipment or Protective System: **GLOBALGEAR/ST RANGE OF PUMPS**

5. Manufacturer: **TUTHILL PUMP GROUP**

6. Address: **Alsip, Illinois USA 60803**

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. ITS Testing and Certification Limited 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 94/9/EC of 23 March 1994

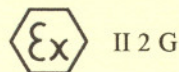
The examination and test results are recorded in confidential Report Number:
ITS Report Ref 02009083 Issue 1, dated July 2003

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 13463-1: 2001 and prEN13463-5: 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 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:-



ITS Testing & Certification Limited
ITS House, Cleeve Road, Leatherhead, Surrey, KT22 7SB
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<http://www.uk.etlsemko.com/>
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

R Adams
Deputy Certification Manager
9 September 2003

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

ITS Intertek Testing Services

13. Schedule

14. **TYPE EXAMINATION CERTIFICATE NUMBER ITS03ATEX11144**

15. DESCRIPTION OF EQUIPMENT OR PROTECTIVE SYSTEM

The Globalgear/ST range of Pumps is a positive displacement type utilising internal gears within a casing. Pumping action is based on a rotor, idler gear and a crescent shaped partition cast integral with the cover. The pump material is stainless steel or cast iron. The pump is intended to be liquid filled but does have self-priming properties. The pump is provided with an input shaft to allow connection to a drive motor.

The explosion protection of the drive motor and the coupling, where used, is outside the scope of this Certificate.

The temperature classification will be dependent on the temperature of the pumped liquid. Temperature limits are indicated in Service Manual 73 for the Globalgear pumps or Service Manual 102 for the ST pumps.

16. REPORT NUMBER

ITS Report Ref 02009083 Issue 1, dated July 2003

17. SPECIAL CONDITIONS FOR SAFE USE

None

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 Report Ref 02009083 Issue 1, dated July 2003.

19. DRAWINGS

Number	Issue	Date	Description
23598-D	-	3.16.01	Pump Assembly - Globalgear
24805-D	-	2.11.02	Pump Assembly - Globalgear
20175-D	3	4.21.97	Pump Assembly - ST
20802-D	4	4.22.97	Pump Assembly - ST
26424-B	-	4.30.03	Label - Globalgear
26507-B	-	7-8-03	Label - ST

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