



(1) **TYPE EXAMINATION CERTIFICATE**

(2) **Equipment intended for use  
in Potentially Explosive Atmospheres  
Directive 94/9/EC**

(3) Type Examination Certificate Number : **ISSeP04ATEX077**

(4) Equipment : Automatic Greasing Device type MEMOLUB.

(5) Applicant – Manufacturer – ~~Authorized representative in the Community~~ :  
MEMOLUB INTERNATIONAL S.A.

(6) Address : Rue Bollinckx, 43  
1070 Anderlecht  
Belgium

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) ISSeP certifies that this equipment has been found to comply with the Essential Health and Safety Requirements that relate to the design of Category 3 equipment, which is intended for use in potentially explosive atmospheres. These Essential Health and Safety Requirements are given in Annex II to European Union Directive 94/9/EC of 23 March 1994.

(9) The examination and test results are recorded in confidential report n° 04022.

(10) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of these certificate, has been assessed by reference to :  
EN 50021 : 1999  
EN 50281-1-1 : 1998 + A1 : 2002

(11) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(12) This 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 may apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

(13) The marking of the equipment shall include the following :  
 II 3 G D / EEx nC II T6 – T 85° C – IP66

Colfontaine, 13.07.2004

Renaud Alain  
Manager of Colfontaine division

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(14)

**SCHEDULE**

(15)

**TYPE EXAMINATION CERTIFICATE N<sup>o</sup> ISSeP04ATEX077**

(16) Description of the equipment

The MEMOLUB is an automatic Greasing Device, electromechanical and battery powered. It dispenses pre-defined quantities of grease or oil under a maximum pressure of 25 bars.

The MEMOLUB comprises three parts :

- MEMO for the setting of the MEMOLUB
- MEMOLUB itself
- Lubricant refills and batteries

The degree of protection of the MEMOLUB is not less than IP66.

Authorized variation : None

Electrical characteristic : three batteries type AA, 1,5 Volt

Marking

- Name of the the manufacturer or his registered trade mark.
- Manufacturer's type identification.
- Serial number or batch identification code.
- Code : EEx nC II T6 – T 85° C – IP66
- Specific marking of explosion protection :  II 3G D
- Indication of testing station followed by the reference of the certificate.
- Any other marking required by this and other relevant European Standards with which the apparatus complies.

Routine verifications and tests : (Clause 27 of EN 50021)

The manufacturer shall make the routine verifications and tests necessary to ensure that the electrical apparatus produced complies with the specification.

Eventual prescriptions : According to the Manual "MEMOLUB HPS".

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**SCHEDULE (Continued)**

**TYPE EXAMINATION CERTIFICATE N° ISSeP04ATEX077**

(17) Report n° 04022 of 29.04.2004 (23 pages) completed by the descriptive documents below :

- Letter "EMS-GRIVORY" of 10.06.2004 ref. UBGY-QS/MP related to the Grilon TSG-30 (2 pages).
- Data-sheet related to the "Grilon TSG-30/4" (5 pages).
- Manual "MEMOLUB HPS" of 14.06.2002 (41 pages).
- Drawings :

<u>Number</u>	<u>Revision</u>	<u>Date</u>	<u>Description</u>
513 e	e	14.09.1999	Oberteil
506 g	g	21.03.2001	Unterteil
522 d	d	22.12.1999	Verschlusring

(18) Special conditions for safe use : None

(19) Essential Health and Safety Requirements

The Essential Health and Safety Requirements are covered by :

- The conformity to European Standards EN 50021 and EN 281-1-1.
- All safety measures taken by the manufacturer and described in the descriptive documentation listed at (16).

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