



TRANSLATION

(1) **Type Examination Certificate**

(2) **- Directive 94/9/EC -**
Equipment and protective systems intended for use
in potentially explosive atmospheres

(3) **BVS 07 ATEX H 030 X**

(4) **Equipment:** Manual drills of type series LBB 26 EPX

(5) **Manufacturer:** Atlas Copco Tools and Assembly Systems

(6) **Address:** Sickla Industriväg 15
131 34 Nacka
Sweden

(7) The design and construction of this equipment and any acceptable variation thereto are specified in the schedule to this type examination certificate.


(8) The certification body of DEKRA EXAM GmbH certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment of equipment group II category 2 GD intended for use in potentially explosive atmospheres, given in Annex II to the Directive.
The examination and test results are recorded in the test and assessment report 1100/059e/07 BVS-BI.

(9) The Essential Health and Safety Requirements are assured by compliance with:
DIN EN 13463-1:2002, Non-electrical equipment for use in potentially explosive areas, Part 1: Basic principles and requirements with correction 1:2003

(10) 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.

(11) This Type Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to Directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the equipment shall include the following:

 **II 2 G IIB T4**
II 2D 135 °C

DEKRA EXAM GmbH

Bochum, dated 21 June 2007

Signed: Dr Eickhoff

Signed: Dr Wörsdörfer

Certification body

Special services unit

Page 1 of 2 of BVS 07 ATEX H 030 X

This certificate may only be reproduced in its entirety and without change.

DEKRA EXAM GmbH, Dinnendahlstrasse 9, 44809 Bochum, Germany, Phone +49 (0) 234-3696-105, Fax +49 (0) 234-3696-110, zs-exam@dekra.com

TRANSLATION

(13) Appendix to

(14) **Type Examination Certificate****BVS 07 ATEX H 030 X**(15) 15.1 Subject and Type

Manual drills of type series LBB 26 EPX

15.2 Description

The manual drills of type series LBB 26 EPX are equipped with a pistol handle and are used for the usual drilling processes outside of potentially explosive areas. Inside potentially explosive areas, the manual drills of type series LBB 26 EPX must not be used for drilling but as drive units, e.g. for stirrers.

Table 1 lists the specification of the manual drills of type series LBB 26 EPX (manufacturer's specifications).

Table 1: Specification manual drills of type series LBB 26 EPX, given an operational overpressure of 6.3 bar

| type | clamping range of drill chuck up to mm | idle speed in min ⁻¹ |
|---------------|--|---------------------------------|
| LBB26 EPX 060 | 8 | 870 |
| LBB26 EPX 045 | 8 | 560 |
| LBB26 EPX 023 | 8 | 560 |
| LBB26 EPX 026 | 8 | 460 |
| LBB26 EPX 013 | 10 | 460 |
| LBB26 EPX 007 | 13 | 350 |
| LBB26 EPX 005 | 13 | 305 |

(16) Test and Assessment Report

1100/059e/07 BVS-BI, as of 21 June 2007

(17) Special Conditions for Safe Use

Inside potentially explosive areas, the manual drills of type series LBB 26 EPX may only be used as drive units. Using them for drilling processes is only permitted outside of potentially explosive areas.