

### Blowers and Exhausters Maintenance and Servicing schedule

|   | Daily                                 | Weekly   | Monthly   | Each 4 months   | Yearly                               | 2-Yearly  |
|---|---------------------------------------|--|---|---|--------------------------------------|---|
| Bearing housings                        |                                       |  | Changing of the grease of grease-lubricated Housings (see § 5.2 ATEX user manual) | Changing of the oil of oil-lubricated housings (see § 5.2 ATEX user manual) |                                      |   |
| Drive elements                          |                                       |  |   | Checking alignment and fixing (1)   |                                      |   |
| Earthing connection                     |                                       | Visual inspection (2)  |   |   | Checking operation.<br>Tighten bolts |   |
| Connection of monitoring and assistance | Collect measurements.<br>Check alarms |  |   |   | Check operation                      |   |
| Whole unit blower / exhauster           |                                       | Cleaning and inspect coating (3) & (4)<br>Check noise level, temperatures and vibration during operation |   |   | Tighten bolts                        | Revision incl. bearing, bearing seals and bearing housing |

(1) Check that the elements of the transmission are in perfect condition and that screws and nuts are perfectly tight.

(2) Check that the electric cables do not present signs of deterioration and that connections are firmly tight; check that the earthing conductors are in good condition.

(3) Coating: Carry out a specific analysis of the damage of the coating and corrosion. Cure the damage before those do worsen. When the equipment is installed in places where corrosive agents are present and each time some need arises, it is wise to repaint the equipment to protect external surfaces from corrosion.

(4) Control that no electric or mechanical modification of the blower/exhauster and/or his accessories was made. This control must also be carried out at the time of a stop/restarting of the equipment.

#### Replacement interval for wear parts

|                  |                           |
|------------------|---------------------------|
| Bearing housings | 20.000 hours of operation |
| Bearings         | 2 years                   |
| Seals            | 2 years                   |
| V-belts          | 2 years                   |

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Blowers and Exhausters

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