



**CONTINENTAL INDUSTRIE**

**Maintenance Service for Centrifugal Blowers**





To maintain efficient operating of CONTINENTAL INDUSTRIE blower is not required onerous and complex programming. It is recommended during the routine maintenance to control the conditions of the accessories and compile the report with the values of vibration and temperature of bearing blocks, describing the parameters of the service and the process. Also is suitable to control the same parameters for the electrical motor.

This report is important in order to know the performance and condition progress of the machine and schedule exceptional interventions.

In our manual you can find suggestion and specific details for each of the components of our systems.

### General Maintenance

- Daily inspection
- Control of lubrication
- Compile the Maintenance Report





The Maintenance Contract offers to our customers the possibility to ensure proper control and service of the machine.

We provide services and assistance on a global scale by supporting our clients with qualified technicians and facilities in case of emergency.

We support our clients in the management of the maintenance with training and customized service.

Also it's possible to expand the training with one session at our factory.

The Maintenance Contract includes change of blower bearings and **INCLUDES** the spares parts which will be sending to our client as stock.

CONTINENTAL INDUSTRIE guarantees the availability of all other spare parts in its own warehouse for the best client's support.

We offer guarantee the priority in establishing and organizing any exceptional interventions at job site or at the factory due to bad operation or breakage outside of the maintenance.

### **Our Maintenance Contract consists of:**

- **Maintenance Follow up.**
- **SERVICE 1 - On site Inspection for Predictive Maintenance.**
- **SERVICE 2 - On site Intervention for Corrective Maintenance.**





## Maintenance Follow Up

**Is the monthly recompilation of Vibration and Temperature of bearings block, working condition.**

**The readings will be sending to our Service Center which will be redacting the report.**

## Service - 1

**The purpose is the PREDICTIVE maintenance so we organize 1 or more on site inspection for year according with the customer requirements.**

- **Overall check of machine maintenance procedure**
- **Site inspection and check of blower condition**
- **Check of base**
- **Check of the surface and the condition of painting**
- **Laser alignment (in case of direct drive)**
- **V belt alignment and tension (in case of V belt)**
- **Blower and Motor bearings blocks Vibration analysis**
- **Blower and motor bearings block Temperature analysis**
- **Check of the safety or regulation panel**
- **Check of performance**
- **Technical report**





## Service - 2

The propose is the **CORRECTIVE** maintenance and will be program approximately every 9,000 hours however never exceed a year's work.

The **SERVICE 2** will be following the procedure:

### Mechanical Service

- **Intervention in the base**  
(if necessary and according to previously Report of SERVICE1)
- **Intervention on the painting**  
(if necessary and according to previously report of SERVICE1)
- **Blower draining**
- **Check of impellers by endoscope**  
(if necessary and according to previously report of SERVICE1)
- **Check of blower bearings**
- **Blower Lubrication**
- **Motor Lubrication**
- **Change of Inlet air filter**
- **Laser alignment (in case of direct drive)**
- **V belt alignment and tension (in case of V belt)**
- **Change of blower bearings: is expected from 4th / 5th year of operation (36000/45000hours) and will be schedule according with the previously report of SERVICE1**





**Instrumentation and Safety**

- **Check temperature sensors**
- **Checking vibration sensors**
- **Check and setting of Instruments or any other device supply by C.I**
- **Check and update local control panel**

**Motors and valves**

**Corrective maintenance is not included in our services. In case must be necessary the intervention is based on the general conditions of the manufacturer and Continental Industrie will give all the necessary support.**

**Training**

**Technical training will be given to the staff in charge of maintenance and process. The customer can have the possibility to send his technicians on our factory, in order to receive a free training during one day (transport and all local fees at customer charge).**

**Technical Report**

**Intervention reports including detailed analysis of the machine.**

**Our maintenance contract includes professional fees, travel costs and lodging. For the agreements and condition please contact your local agent or directly:**

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