NICOTRA|Gebhardt

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Checklist relating to Repair / Maintenance for Roof Fans of ATEX-Execution category 3

Fan type			
Serial Number:		Year of construction:	

Legend: √ = checked and ok.   – = not relevant   **f = faulty** (action required)

	checked
General:	
Visual control for damages or obvious faults?	
Motor corresponds to ATEX-requirement (Category acc. to design respectively pressure proof enclosure with certified PTC-thermistors for inverter operation)?	
FAN HOUSING:	
Coated housing and accessories electrically connected (Conductivity test)?	
IMPELLER:	
Bolts of Taperlock bush tightened with a torque wrench / double checked?	
Gap between impeller and intake cone corresponds to manufacturers indications (User manual) adjusted /double checked?	
DOCUMENTS:	
User manual available with ATEX-specific amendments?	
User manual & ATEX-certificate of the motor available?	
TEST RUN:	
Test run made?	
Rotational direction of impeller double checked, subjective evaluation of noise of the fan, motor, bearings made?	
Vibration test made?	
Motor current checked?	

All a. m. operations may only be executed by professionally trained persons.
It must be ensured that no explosion hazard exists during these actions. After having made the checks and interventions it has to be documented which works have been executed. And confirmation has to be made that all relevant prescriptions and checks which are required by the manufacturer have been made prior to putting the fan into operation.
If important changes are made which could reduce the explosion protection a check with an expert will be mandatory. This will not be necessary if the modifications have been made by the manufacturer of the machine concerned.
Only original spare parts supplied by the manufacturer may be used.

If needed our service team can be called. Contact data may be found with www.nicotra-gebhardt.com