

Prepared (also subject responsible if other)		No		
IXGGSOU	IXG/DO	2/154 31-CNT 298 0020 Uen		
Approved	Checked	Date	Rev	Reference
IXG/DM (I LIMENOPOULOS)	IXGATHP	2001-12-12	B	

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FAN MAGAZINE FAULT

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1 Introduction

1.1 Scope

This Operational Instruction concerns alarm handling.

This document describes the actions to take when a FAN MAGAZINE FAULT alarm is received.

The alarm printout is generated when a fault occurs on the fan unit.

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2 Procedure

2.1 Prerequisites

2.1.1 Conditions

The following conditions must apply before this procedure can be completed:

- A FAN MAGAZINE FAULT alarm is received.
- The Regional Processor (RP) is not blocked.
- A technician is available on site.

2.1.2 Data

No data is necessary for this procedure.

2.1.3 Special Aids

The following special aid is required to complete this procedure:

- Grounding wrist strap (LYB 250 01 or equivalent)

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2.2

Actions

Analyze Alarm Information

1. Analyze alarm printout FAN MAGAZINE FAULT.
2. Does the alarm event indicate a communication fault?
Yes
Go to Step 3 on page 4 .
No
Go to Step 7 on page 4 .

Replace Fan Unit Cables

3. Turn off the power of the fan unit.
- 4.

Caution!

Removing or inserting a fan unit with the power on may cause service interruption and equipment damage.

Disconnect the cables from the RP or the previous fan unit to which the unit is connected to.

5. Connect new cables to the RP or to the previous fan unit to which the unit was connected to.

Check Alarm

6. Is the alarm removed?
Yes
Go to Step 14 on page 6 .
Note: If the magazine follow the BYB 501 equipment practice, the Manual Intervention Allowed (MIA) Light Emitting Diode (LED) of the fan unit will be extinguished, indicating that no manually intervention is allowed. For more information, see Additional Information, Section 3.1 on page 7 .
No
Go to Step 9 on page 5 .

Replace Fan Unit

7. Prepare to replace existing fan unit.
8. Turn off the power of the fan unit.

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9.

Caution!

Removing or inserting a fan unit with the power on may cause service interruption and equipment damage.

Disconnect the cables from the RP or from the previous fan unit to which the unit is connected to.

10.

Warning!

Removing or inserting a fan unit without wearing a grounding wrist strap can damage equipment.

Replace the fan unit with a new one.

11.

Caution!

Removing or inserting a fan unit with the power on may cause service interruption and equipment damage.

Connect the cables to the RP or to the previous fan unit to which the unit was disconnected from.

12. Turn on the power of the fan unit.

Check Alarm

13. Is the alarm removed?

Yes

Go to Step 14 on page 6 .

Note: If the magazine follow the BYB 501 equipment practice, the Manual Intervention Allowed (MIA) Light Emitting Diode (LED) of the fan unit will be extinguished, indicating that no manually intervention is allowed. For more information, see Additional Information, Section 3.1 on page 7 .

No

Contact the next level of maintenance support. Further action is outside of the scope of this Operational Instruction.

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Job Completed

14. Make a report.
Note: See Operational Instruction Report of Finished Work.
15. The job is completed.

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3 Additional Information

3.1 MIA LED Operation

In the BYB 501 equipment practice, the manual intervention on the fan unit is indicated by the MIA LED. The controller RP provides access to the MIA LED on the fan unit magazine.

The LED can be:

- ON indicating that the fan unit can be removed without any system disturbance.
- OFF indicating that the fan unit cannot be removed without disturbance.

The MIA LED is illuminated (turned to ON) when there are faults on the fan units, indicated by the FAN MAGAZINE FAULT alarm, or the controller RP is manually blocked.

The MIA LED is extinguished (turned to OFF) when there is no fault on the fan unit, or the controller RP is removed (undefined).

In the case that the LED is not turned ON, it could be due to one of the following reasons:

- The controller RP is already blocked or faulty.
- The fan unit has hardware or communication faults.
- The function is not supported.

If the LED is not turned OFF, it might be due to one of the above indicated reasons.

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Glossary

LED

Light Emitting Diode

MIA

Manual Intervention Allowed

RP

Regional Processor

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5 References

5.1 Operational Instructions

Report of Finished Work

5.2 Printout Descriptions

FAN MAGAZINE FAULT