	FORM	Ref No. :-
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PLANT FAULT NOTIFICATION AND REPAIR REPORT

Section 1: Fault Notification

Detailed description of fault:-

I.D fan showing fault 33 – several plant trips. Failure to reset

Location: INC

Was a call out necessary: Yes

How long was the contractor on site: 1 day

Was the problem fixed: Yes

Date fault notified: 20/07/13

Fault notified by: J Davies

Section 2: Repair Report

Repair scheduled for: (if applicable)

Date repair carried out: 31/07/13

Detailed description of repair carried out:

On investigation by Roy Beech – Electrical Engineer from LME it was found that the motor inverter was getting hot – 90°F. The temps of the building being at least another 10 or 15 degrees higher at the time of the motor tripping. The suspected cause being the inverter going over 100 degrees – therefore the inverter protecting itself, trips out.
All phases have been checked and are balanced, the motor isn't pulling excessive amps – the motor itself is running at a normal temperature.
New ducting has been fitted to cool the inverter by directing air to the heat sinks. A new cooling fan should be Fitted on a shutdown to aid cooling further. Cooling fan can only be fitted with the power off.
A mesh guard has been fitted around the motor and fan to aid cooling as a precautionary measure.

Further work required: Yes – will arrange work for next shutdown

Section 3: Repair sign off

Repair Completed by	Print Name Roy Beech	Signed
Maintenance supervisor Sign off	Print Name M Munro	Signed

	INITIALS	DATE
OK FOR PUBLIC REGISTER	LC	6.9.13
COPIED TO PUBLIC REGISTER	JB	EDRM

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