



DEPARTMENT OF MINERALS AND ENERGY

OUR REF. 361

YOUR REF.

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16 June 1994

ATTN Mr T Willis
The Manager
Bramco Electronics
PO Box 15
LAMBTON NSW 2299

Dear Sir

**MODIFICATION APPROVAL - EARTH LEAKAGE RELAY I-a/b
QMD 94 7346 X**

I refer to your correspondence dated 21 March 1994 requesting approval alterations in accordance with the following Drawing Nos:

A001900 Original Issue Dated 1 February 1994
A001901 Original Issue Dated 3 November 1993

with approved variations:

1. Option to package the Earth Leakage Relay component with its Power Supply from the approved CMP-1 Protection Module in its own individual enclosure.
2. Addition of a Metering Point for a Graphical Display and Current Loop Output Device, as required.

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for the Benefit of the Community"*



ADDITIONAL APPROVAL CONDITIONS

1. The Voltage and Current switched by the Relay Output Contacts of the Intrinsically Safe Relay shall not exceed 250 Volts rms and 5 Amps, respectively, and the product of the Voltage and Current shall not exceed 100 VoltAmps.
2. Each Earth Leakage Tripping Device shall trip when the Fault Current flowing in the connected circuit exceeds the Current Setting.

The Tripping Time shall not exceed 50 milliseconds on instantaneous setting.

You are advised that the modifications are considered not to adversely affect the original approval and are therefore accepted as part of the approval. The modification approval number shall be QMD 94 7346X.

Apart from the above modification, the relay must comply with the original approval and a copy of this letter must accompany any future relays supplied.

Yours faithfully



B J LYNE

Chief Inspector of Coal Mines