

INTRINSICALLY SAFE POWER SUPPLIES



Apparatus:

Austdac Power Supply Units, Part No. PSU00018 & PSU00019, 24 Volt, 1 Ampere dc output, MDA Exia 14111.

This apparatus was retested at Londonderry Occupational Safety Centre on Wednesday 23 December 1998.

An explosive mixture of gas was ignited with an output current significantly lower than 1 ampere.

The apparatus CAN NOT be considered intrinsically safe and apparatus and cables connected to the power supplies may cause the ignition of flammable gases.

The above power supply units primary supply power to AMR gas monitoring systems.

Action to be Taken:

All Coal Mines are to immediately remove Austdac PSU00018 and Austdac PSU00019 Power Supplies from service and ensure they are de-energised and remain de-energised until further advice is given.

A handwritten signature in black ink, appearing to read "N. Sneddon", is positioned above the printed name.

N. SNEDDON
ASSISTANT DIRECTOR SAFETY OPERATIONS