

THE FOLLOWING SCIENTIFIC, INDUSTRIAL AND GOVERNMENTAL organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Associated Chambers of Commerce of Australia
Associated Chambers of Manufactures of Australia
Australian Electrical Manufacturers Association
Association of Mining Electrical and Mechanical Engineers—
Australia
Australian Coal Association
Australian Coal Industry Research Laboratory
Council of Fire and Accident Underwriters of Australia
Electricity Supply Authorities
Joint Coal Board
N.S.W. States Mines Control Authority
State Departments of Mines
Universities

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AUSTRALIAN STANDARD SPECIFICATION

**EQUIPMENT FOR
EARTH-FAULT
PROTECTION,
MONITORING AND
CURRENT LIMITATION
FOR USE IN
COAL AND SHALE MINES**

AS 2081-1977

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P R E F A C E

This standard was prepared by the Association's Committee on Electrical Equipment in Coal Mines as a revision and metrication of AS C318—1958, which it accordingly supersedes.

It aims to establish the mechanical and electrical characteristics and methods of test of equipment used in coal and shale mines.

The standard requires reference to the following Australian standards:

AS 1028 Power Reactors and Earthing Transformers

AS 1039 Mining-type Flameproof Distribution and Control Boxes for Use on A.C. Systems for 3-phase Voltages up to 1100 V

AS 1829 Intrinsically Safe Electrical Apparatus for Explosive Atmospheres

AS C61 Power Transformers

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