

AS/NZS 60079.18:2005  
IEC 60079-18, Ed.2.0 (2004)

AS/NZS 60079.18:2005

Australian/New Zealand Standard™

**Electrical apparatus for explosive gas  
atmospheres**

**Part 18: Construction, test and marking  
of type of protection encapsulation ‘m’  
electrical apparatus**

## **AS/NZS 60079.18:2005**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-014, Electrical Equipment in Hazardous Areas. It was approved on behalf of the Council of Standards Australia on 8 April 2005 and on behalf of the Council of Standards New Zealand on 15 April 2005.  
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AS/NZS 60079.18:2005

Australian/New Zealand Standard™

## **Electrical apparatus for explosive gas atmospheres**

### **Part 18: Construction, test and marking of type of protection encapsulation ‘m’ electrical apparatus**

Originated as AS 2431—1981.

Jointly revised and redesignated as AS/NZS 60079.18:2005.

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-014, Electrical Equipment in Hazardous Areas; it will supersede AS 2431—1981, *Electrical equipment for explosive atmospheres—Encapsulated apparatus—Type of protection m*, two years from publication.

This Standard is identical with, and has been reproduced from IEC 60079-18, Ed. 2.0 (2004), *Electrical apparatus for explosive gas atmospheres - Part 18: Construction, test and marking of type of protection encapsulation “m” electrical apparatus*.

The objective of this Standard is to specify requirements for the construction, test and marking of electrical apparatus, parts of electrical apparatus and Ex components with the type of protection encapsulation ‘m’.

This Standard will run concurrently with AS 2431—1981, *Electrical equipment for explosive atmospheres—Encapsulated apparatus—Type of protection m* for two years from publication; after two years, AS 2431—1981 will be withdrawn.

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