

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard

Domestic solid fuel burning appliances—Method for determination of flue gas emission

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies a test method for determining the particulate emission factor from batch-fed domestic solid fuel burning appliances and the associated particulate emission acceptance criteria.

1.2 APPLICATION

1.2.1 General

This Standard applies to domestic solid fuel burning appliances.

1.2.2 Included appliances

Appliances within the scope of this Standard include—

- (a) space-heating appliances; and
- (b) space-heating appliances which include water-heating devices.

~~1.2.3 Excluded appliances~~

Appliances excluded from this Standard are—

- (a) site-built masonry appliances;
- (b) central heating appliances;
- (c) cooking appliances;
- (d) appliances intended solely for water heating;
- (e) appliances intended solely to distribute convective heat via ducting to locations remote from the appliance;
- ~~(f) appliances that when fired at the high burn rate prescribed in this Standard have a maximum carbon dioxide output from the combustion chamber of less than 5% by volume with any optional doors fitted and closed; and~~
- (g) appliances with volumetric flow rates through the combustion chamber which are too high to allow for total smoke capture by the method described in this Standard.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
2918	Domestic solid fuel burning appliances—Installation
AS/NZS	
4012	Domestic solid fuel burning appliances—Method for determination of power output and efficiency
4014	Domestic solid fuel burning appliances—Test fuels (series)