



# AGA CERTIFIED PRODUCT

Certificate Holder: **SIT GAS CONTROLS PTY LTD**  
ABN/ACN No. (if applicable): **006 090 357**  
Manufacturer: **SIT S.p.A**  
Agent (if applicable): **N/A**  
Type of Component: **ELECTRONIC FLAME SAFEGUARDS & IGNITERS**  
Model No. & Description: **SIT**  
(Refer [www.aga.asn.au](http://www.aga.asn.au) for more details) **537 ABC Series**  
Working Temperature Range: **-20°C to +60°C**

0537001, 0537002, 0537003, 0537004, 0537005, 0537006, 0537007, 0537008,  
0537009, 0537101, 0537103, 0537201, 0537203, 0537204, 0537301, 0537304,  
0537305, 0537306, 0537307, 0537308, 0537309, 0537401, 0537402, 0537403,  
0537404, 0537501 & 0537502

IGNITION	FAN	Waiting Time (Tw)	Safety Time (Ts)	Lock-out	Recycling
Direct Spark Ignition or Intermittent pilot ignition	Atmospheric or Fan-assisted	1.5, 5, 10 or 30 s	5, 7.5, 10, 30 or 60 s	Volatile or Non-Volatile	1

(The safety time for direct spark ignition models cannot be greater than 15 seconds)  
*Specific model with unique combination of features within the above ranges;  
Refer to AGA technical specification for details of all features and options*

*See page 2 for complete model classifications*

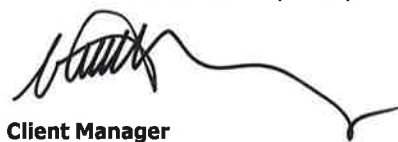
Relevant Standard(s): **AS 4625 - 2008**

This is to certify that the particular **COMPONENT** specifically described herein and supplied to The Australian Gas Association (hereafter called the AGA) by the Certificate Holder named above has been subject to "type-testing" and assessed by the AGA to comply with the requirements of the AGA's Product Certification Scheme for Type Tested Gas Products.

**This Certificate is issued on the express conditions that:**

- (i) The Certificate Holder undertakes to comply with the Rules Governing The AGA's Product Certification Scheme (hereafter called the Rules Governing);
- (ii) This Certificate remains the property of the AGA; and
- (iii) The AGA reserves the right to cancel this Certificate in accordance with the Rules Governing, and in such an event the Certificate Holder undertakes to surrender the Certificate to the AGA upon request.



  
**Client Manager**

  
**Certificate Authorised**

Certificate first issued: **7 February 2000**

Certificate No: **5959**

This copy valid from: **7 August 2017**

Refer specification issue: **06**



# AGA CERTIFIED PRODUCT

Model No. & Description: **SIT 537 ABC Series**

AS 4625 CLASSIFICATION OF 537 ABC FLAME AFEGUARDS	Classification	Superscript Notes
<i>Fan Draught Direct Spark Ignition Applications:</i>		
Ts = 5 s; Non-Volatile Lock-out;	CLASS 2Ca	
Ts = 5 s; Volatile Lock-out;	CLASS 2Cb	23
Ts = 7.5, or 10 s; Volatile Lock-out;	CLASS 2Cb	3
Ts = 7.5, or 10 s; Non-Volatile Lock-out;	CLASS 2Cb	3
<i>Atmospheric Direct Spark Ignition Applications:</i>		
Ts = 5 s; Volatile Lock-out;	CLASS 2Cb	123
Ts = 5 s; Non-Volatile Lock-out;	CLASS 2Cb	123
Ts = 7.5, or 10 s; Volatile Lock-out;	CLASS 2Cb	13
Ts = 7.5, or 10 s; Non-Volatile Lock-out;	CLASS 2Cb	13
<i>Fan Draught Intermittent Start Flame Applications:</i>		
Ts = 5 s; Volatile Lock-out;	CLASS 2Cb	23
Ts = 5 s; Non-Volatile Lock-out;	CLASS 2Cb	23
Ts = 7.5, 10, 30 or 60 s; Volatile Lock-out;	CLASS 2Cb	3
Ts = 7.5, 10, 30 or 60 s; Non-Volatile Lock-out;	CLASS 2Cb	3
<i>Atmospheric Intermittent Start Flame Applications:</i>		
Ts = 5 s; Volatile Lock-out;	CLASS 2Cb	123
Ts = 5 s; Non-Volatile Lock-out;	CLASS 2Cb	123
Ts = 7.5, 10, 30 or 60 s; Volatile Lock-out;	CLASS 2Cb	13
Ts = 7.5, 10, 30 or 60 s; Non-Volatile Lock-out;	CLASS 2Cb	13

The safety time for direct spark ignition models cannot be greater than 15 seconds.

**Superscript Notes:**

1. Inter-waiting time between ignition trials is less than 5 minutes for atmospheric burner controls. Suitability for use of these controls is subject to its intended application and relevant product standards.
2. Type Cb with rigorous main flame establishment period (5 seconds or less).
3. Type Cb with single re-ignition only

**Client Manager**

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# Directory Certificate Entry

## Components

### Electronic Flame Safeguards Including Igniters

SIT Gas Controls Pty Ltd

(10 Treforest Drive, Clayton, 3168 VIC AUSTRALIA Ph: 03 9538 9900)

Relevant Standard/s:

AS 4625 | 2008 | Electronic flame safeguards and flame detectors | 31/12/2008

#### SIT

5959 2.00

#### 537 ABC Series Electronic Flame Safeguards and Igniters

0537001, 0537002, 0537003, 0537004, 0537005, 0537006, 0537007, 0537008, 0537009, 0537101, 0537103, 0537201, 0537203, 0537204, 0537301, 0537304, 0537305, 0537306, 0537307, 0537308, 0537309, 0537401, 0537402, 0537403, 0537404, 0537501 & 0537502

#### IGNITION:

Direct Spark Ignition or Intermittent Pilot Ignition

#### FAN:

Atmospheric or Fan-assisted

#### WAITING TIME (Tw)

1.5, 5, 10, 30 s

#### SAFETY TIME (Ts)

5, 7.5, 10, 30 or 60 s

#### LOCK-OUT:

Volatile or Non-Volatile

#### RECYCLING:

1

(The safety time for direct spark ignition models cannot be greater than 15 seconds)

Specific model with unique combination of features within the above ranges;

Refer to AGA Technical Specification for details of all features and options.

#### AS 4625 CLASSIFICATION OF 537 ABC FLAME SAFEGUARDS

#### Fan Draught Direct Spark Ignition Applications:

Ts = 5 s; Non-Volatile Lock-out

2Ca

Ts = 5 s; Volatile lock-out;

2Cb 23

Ts = 7.5, or 10 s; Volatile Lock-out;

2Cb 3

Ts = 7.5, or 10 s; Non-Volatile Lock-out;

2Cb 3

#### Atmospheric Direct Spark Ignition Applications:

Ts = 5 s; Volatile Lock-out;

2Cb 123

Ts = 5 s; Non-Volatile Lock-out;

2Cb 123

Ts = 7.5, or 10 s; Volatile Lock-out;

2Cb 13

Ts = 7.5, or 10 s; Non-Volatile Lock-out;

2Cb 13

#### Fan Draught Intermittent Start Flame Applications:

Ts = 5 s; Volatile Lock-out;

2Cb 23

Ts = 5 s; Non-Volatile Lock-out;

2Cb 23

Ts = 7.5, 10, 30 or 60 s; Volatile Lock-out;

2Cb 3

Ts = 7.5, 10, 30 or 60 s; Non-Volatile Lock-out

2Cb 3

#### Atmospheric Intermittent Start Flame Applications:

Ts = 5 s; Volatile Lock-out;

2Cb 123

Ts = 5 s; Non-Volatile Lock-out

2Cb 123

Ts = 7.5, 10, 30 or 60 s; Volatile Lock-out;

2Cb 13

Ts = 7.5, 10, 30 or 60 s; Non-Volatile Lock-out;

2Cb 13

The safety time for direct spark ignition models cannot be greater than 15 seconds.

**Superscript Notes:**

1. Inter-waiting time between ignition trials is less than 5 minutes for atmospheric burner controls. Suitability for use of these controls is subject to its intended application and relevant product standards.
2. Type Cb with rigorous main flame establishment period (5 seconds or less).
3. Type Cb with single re-ignition only.

*Working Temperature Range: -20°C to +60°C*

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***Friday, 1 September 2017***