

23 June 2014

Ref: 27323/IM/SL/jmb

Contact: Shaun Li
Phone: (03) 9580 4500
Email: sli@aga.asn.au



Mr Michael Dingli
Siemens Limited
885 Mountain Highway
Building 31, Ground Floor
Bayswater VIC 3153

Dear Mr Dingli,

**RE: Siemens Flame Safeguard LFL1 Series
AGA Certificate No. 2734 / AGA Application No. 11821**

I refer to your Application for modification to Certificate No. 2734 received November 2009 and our more recent communications relating to the Certificate referenced above. This Application relates to:

- Standards upgrade (AS 4625-2008 and EN 298:2003)
- Addition of lower voltage variants ending with "110V"
- Change of brand and certificate holder details.

Following a review of your submission documentation, including TÜV Test Reports GA 46 2007 T1 and GA 46 2007 E4, and our follow up communications up until 23 June 2014, I advise that no further assessments are required. We have also taken this opportunity to update the AS 4625 classifications to cover the various burner control ignition options.

Please find enclosed:

- Revised Certificate No. **2734**
- Revised Specification, **Issue 08**
- The revised entry as will appear in the "*Directory of AGA Certified Products*", available on our website www.aga.asn.au

Please review all documents and advise if any detail is incorrect or inadequate.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Ivan Marsic', is written over a white background.

Ivan Marsic,
Manager, Certifications AGA

AGA CERTIFIED PRODUCT



Certificate Holder: **SIEMENS LIMITED**

ABN/ACN No. (if applicable): **004 347 880**

Manufacturer: **SIEMENS LIMITED**

Agent (if applicable): **N/A**

Type of Component: **ELECTRONIC FLAME SAFEGUARD**

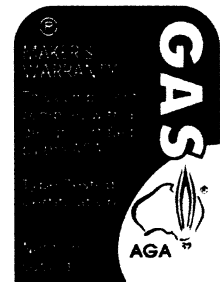
Model No. & Description: **SIEMENS**
(Refer www.aga.asn.au for more details) **LFL1.122, LFL1.133, LFL1.322, LFL1.333, LFL1.335, LFL1.622, LFL1.635, LFL1.638 LFL1.148**
LFL1.122-110V, LFL1.133-110V, LFL1.322-110V, LFL1.333-110V, LFL1.335-110V, LFL1.622-110V, LFL1.635-110V, LFL1.638-110V
For use with QRA 2, 4 or 10 UV flame detector or Ionisation probe *
(see Page 2 for complete AS 4625 classification)

Relevant Standard(s): **AS 4625 – 2008**
EN 298:2003

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.



COMPONENT

Reviewing Officer

Certificate Authorised

Certificate first issued: **31 October 1980**

Certificate No: **2734**

This copy valid from: **23 June 2014**

Refer specification issue: **08**



AGA CERTIFIED PRODUCT

Certificate Holder:

SIEMENS LIMITED

Model No. & Description:

SIEMENS

(Refer www.aga.asn.au for more details)

LFL 1 SERIES ELECTRONIC FLAME SAFEGUARDS

For use with QRA 2, 4 or 10 UV flame detector or Ionisation probe *

Direct Spark Ignition Applications:

LFL1.122, LFL1.133, LFL1.322, LFL1.333, LFL1.335, LFL1.622 LFL1.635, LFL1.638 LFL1.122-110V, LFL1.133-110V, LFL1.322-110V, LFL1.333-110V, LFL1.335-110V, LFL1.622-110V, LFL1.635-110V, LFL1.638-110V	CLASS 2A
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Interrupted Start Flame Applications:

LFL1.322, LFL1.333, LFL1.335, LFL1.622, LFL1.635, LFL1.322-110V, LFL1.333-110V, LFL1.335-110V, LFL1.622-110V, LFL1.635-110V	CLASS 2A
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Intermittent Start Flame Applications:

LFL1.322, LFL1.333, LFL1.335, LFL1.622, LFL1.635, LFL1.638, LFL1.322-110V, LFL1.333-110V, LFL1.335-110V, LFL1.622-110V, LFL1.635-110V, LFL1.638-110V	CLASS 2A
LFL1.122, LFL1.133, LFL1.122-110V, LFL1.133-110V	CLASS 2B²
LFL1.148	CLASS 2B

* LFL1.148 is to be used with ionisation probe only

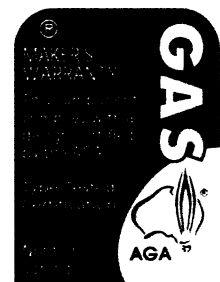
SUPERSCRIPT NOTES:

2: Type B with rigorous main flame establishment period (5 seconds or less)

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.

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COMPONENT

Reviewing Officer

Certificate Authorised

Certificate first issued: **31 October 1980**

Certificate No: **2734**

This copy valid from: **23 June 2014**

Refer specification issue: **08**

Directory Certificate Entry

Components

Electronic Flame Safeguards and Detectors

Siemens Ltd

(Building 1, Level 2 885 Mountain Highway, BAYSWATER, 3153 VIC AUSTRALIA Ph: 03 9721 2000)

Relevant Standard/s: AS 4625 | 2008 | Electronic flame safeguards and flame detectors | 31/12/2008
EN 298 | 2003 | Automatic gas burner control systems for gas burners and gas burning appliances with or without fans | 3/10/2003

SIEMENS

2734 10.80

	Class	Class Note
LFL1 Series Electronic Flame Safeguards and Detectors		
LF 1 Series Electronic Flame Safeguards (with QRA 2,4 or 10 UV flame detector or ionisation probe*)		
Direct Spark Ignition Applications:		
LFL1.122, LFL1.133, LFL1.322, LFL1.333, LFL1.335, LFL1.622, LFL1.635 LFL1.638, LFL1.122-110V, LFL1.133-110V, LFL1.322-110V, LFL1.333-110V LFL1.335-110V, LFL1.622-110V, LFL1.635-110V, LFL1.638-110V	2A	
Interrupted Start Flame Applications:		
LFL1.322, LFL1.333, LFL1.335, LFL1.622, LFL1.635 LFL1.322-110V, LFL1.333-110V, LFL1.335-110V, LFL1.622-110V, LFL1.635-110V	2A	
Intermittent Start Flame Applications:		
LFL1.322, LFL1.333, LFL1.335, LFL1.622, LFL1.635, LFL1.638, LFL1.322-110V LFL1.333-110V, LFL1.335-110V, LFL1.622-110V, LFL1.635-110V, LFL1.638-110V	2A	
LFL1.122, LFL1.133, LFL1.122-110V, LFL1.133-110V	2B	2
LFL1.148	2B	
*: LFL1.148 is to be used with ionisation probe only		

SUPERSCRIPT NOTES:

2: Type B with rigorous main flame establishment period (5 seconds or less)

Monday, 30 June 2014