

10 August 2012

Ref: 26154/VT/AA/kb

**Contact: Anubhav Anand**  
**Phone: +61 3 9580 4500:**  
**Email: [aanand@aga.asn.au](mailto:aanand@aga.asn.au)**



Mr Michael Dingli  
Siemens Ltd  
Building 3, 885 Mountain Hwy  
Bayswater VIC 3153

Dear Mr Dingli

**RE: Siemens – LMV51..., LMV51.0..., LMV51.3..., LMV52..., LMV52.2..., LMV52.4...  
Burner Management System with optional flame scanners  
AGA Certificate 6436/ Application No. 11833**

I refer to our recent communications relating the above referenced Application for Modification of the LMV5... series of automatic burner controllers.

This Application is for change associated with AGA Certification **6436** and the modifications concern:

- Modification to hardware and software of already certified burner controllers
- Implementation of a new actuator SQM9... for fuel-air ratio control
- Addition of new models of burner management system:  
LMV51.040C1, LMV51.040C2, LMV51.140C1, LMV51.140C2, LMV51.300B1, LMV51.300B2, LMV51.340B1, LMV52.240B1, LMV52.240B2, LMV52.400B2, LMV52.440B1
- Addition of optional flame scanners. These include QRA7, QRA2, QRA4U, QRA10 and QRB. ( Note: QRA2, QRA4 and QRA10 are compatible for use with AGQ1 device)
- Addition of O<sub>2</sub> trim control module to LMV52..., LMV52.2... and LMV52.4... burner management system
- Upgrade to current standard AS 4625-2008
- Change of name to Brand, Certificate Holder and Manufacturer

I acknowledge receipt of (i) updated specification documentation, (ii) technical drawings including layout drawings & circuit diagrams (iii) relevant operating and installation instructions, (iv) password protected software (which is securely locked away) (v) TUV Test Report Nos. GA 09 2011 Z14 and GA 09 2011 E12, and (vi) Siemens Ltd Australia "Disclosure Undertaking" dated with respect to the Siemens LMVxx Automatic Burner Controllers under coverage of AGA Certificate #6436.

Following a detailed review of the submittal documentation, I confirm the above modifications are accepted. As such no further assessments are required for this project. Further to this, the final inspection has been waived and these products will be subject to the next scheduled Product Verification Audit.

Please find enclosed:

- Revised AGA Certificate **6436**
- Revised Specification Issue **04**
- Revised entry as will appear in the "Directory of AGA Certified Products", available on our website [www.aga.asn.au](http://www.aga.asn.au)
- Our invoice to cover Certification fee for this project.

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

Yours Sincerely,

Billy (Vasilios) Tabourtos  
**Senior Engineer, AGA**

The Australian Gas Association  
A.B.N. 98 004 206 044



# Tax Invoice

Date: 10/08/12  
Attn: Accnts Payable  
Company: Siemens Limited  
Bld 31/885 Mountain Highway  
Address: BAYSWATER VIC 3153

Invoice No: **M0039189**  
Your Ref #: Appl 11832  
\*SIEMENS

**QF702/1**

UNITS/HRS	CODE NO:	DESCRIPTION	UNIT PRICE	GST	TOTAL
1.00	CERCOMP	Component Certification Fee	1000.0000	100.00	1100.00

Certification fee for:-  
Siemens LMV5 Series Burner Management System  
Modification to existing Certificate 6436

Purchase Order Number - 4503954360

Sub-Total: 1000.00  
GST :: 100.00

INVOICE TOTAL DUE: \$AUD 1100.00

Please detach slip and return with payment

TERMS: NETT 30 DAYS

DATE: 10/08/12

Invoice No: **M0039189**

Code: \*SIEMENS  
Name: Siemens Limited  
Address: Bld 31/885 Mountain Highway  
BAYSWATER VIC 3153

AMOUNT DUE:  
\$AUD 1100.00

REMITTANCES TO: The Australian Gas Association  
PO BOX 122 BRAESIDE VIC 3195 Australia  
Tel: (613) 9580 4500 Fax: (613) 9580 5500  
Banking Details: National Australia Bank  
BSB (Branch) No. : 082902 A/C: 028372121  
Swift: NATA AU3302S  
179 London Circuit, Canberra ACT 2600



# AGA CERTIFIED PRODUCT

Certificate Holder: **SIEMENS LIMITED**

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

Manufacturer: **Siemens AG**

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

Type of Component: **Burner Management System with  
Integrated Valve proving  
Class 2A or 1A**

Model No. & Description: **Siemens LMV5 Series**  
*(Refer [www.aga.asn.au](http://www.aga.asn.au) for more details)* **LMV5 (1, 2) (0, 1, 2, 3, 4) (00,40) (A,B,C) (1, 2)  
(XX)**

**Weishaupt  
W-FM 100/200**

**Note: Classification depends on the method  
of flame monitoring**

Relevant Standard(s): **AS 4625 - 2008,  
AS 4630 -2005  
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: **17 June 2003**

Certificate No:

**6436**

This copy valid from: **10 August 2012**

Refer specification issue:

**04**

# Directory Certificate Entry

## Components

### Electronic Flame Safeguards and Detectors

Siemens Ltd

(Building 31, 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  
AS 4630 | 2005 | Leakage detection systems | 1/06/2005

#### SIEMENS, WEISHAAPT

6436 6.03

*LMV5 Series Microprocessor Based Burner Management System with Integrated Air/Fuel Control and Load Control for Forced Draft Burners*

Siemens Models LMV5 (1, 2) (0, 1, 2, 3, 4)(00, 40)(A, B, C) (1, 2) (XX)

Weishaupt Models: W-FM 100/200

Class	Class Note
1A	
2A	
1A	
2A	

*Classification 1A or 2A - Depends on method of flame monitoring*  
*Continuous Operation with: Self-checking QRI Device, Self-checking QRA7 device or flame Ionisation*  
*Intermittent Operation with: Type QRA2, QRA4.U, QRA10... with AGQ1.1A27, QRB... or flame Ionisation*  
*Suitable for use with the following auxiliary devices:*  
*Actuators SQM4... and SQM9....*  
*O2 Controller type PLL52... (LMV52 only)*  
*Optional one external frequency converter (VSD) with fan motor speed sensor AGG5.3..(LMV51.3...)*  
*Contact Manufacturer for further information*

Friday, 17 August 2012