



Department of Consumer
and Employment Protection

EnergySafety

Procedures for the Certification

of Individual Type A Gas Appliances

December 2007

Procedures for the Certification Of Individual Type A Gas Appliances

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Procedures for the Certification of Individual Type A Gas Appliances

1. Technical and Safety Requirements for Type A Gas Appliances

The [Technical and Safety Requirements for Type A Gas Appliances.doc](#) to be read in conjunction with these procedures.

2. Type A Gas Appliance Certification Inspector

The Director of Energy Safety designates appropriately qualified and experienced persons as Inspector (Gas) under the *Energy Coordination Act 1994*. A Type A Gas Appliance Certification Inspector is an Inspector who has been delegated the functions of the Director of Energy Safety pursuant to Section 13D(2) of the *Gas Standards Act 1972*, for the approval of Type A gas appliances.

This document sets out the procedures to be followed by each Type A Gas Appliance Certification Inspector. By accepting his/her designation and delegation the Inspector is agreeing to comply with the "Technical and Safety Requirements for Type A Gas Appliances", these procedures and the more general requirements of the "Code of Practice for Inspectors (Gas) in Western Australia".

This scheme is subject to regular auditing by EnergySafety, which may include physical examination of certified appliances.

3. Delegation of Functions: Conditions and Limitations

Type A appliance means an appliance of a class or type specified in Schedule 1 of the *Gas Standards (Gasfitting and Consumer Gas Installations) Regulations 1999*. {Refer to Section 7 - list of Type A appliances.}

New And Reconditioned Type A Appliances

The delegation covers the following categories of Type A appliances:

- Reconditioned appliances;
- Individual appliances imported by their owners;
- Individual appliances imported by a manufacturer or agent for evaluation;
- Custom-built or rarely manufactured appliances; and
- Individual appliances for which market potential is to be ascertained.

Generally an Independent Type A Inspector can carry out the certification only for an individual gas appliance, up to a total limit of 20 units of the same make and model in any calendar year for a particular supplier (irrespective of inspector carrying out the assessment). Each unit requires a separate application, separate testing and separate certification.

For 'type approval' of up to a maximum of 5 appliances the Director's written approval must be obtained prior to carrying out the certification. Each appliance must be separately tested but can be covered by a single "type approval" number.

For 'type approval' exceeding 5 appliances of the same make/model in any one calendar year, it is necessary to refer to *Energy Safety* for advice and approval.

Reconditioned Commercial Catering Equipment

The inspector may carry out approvals of Type A commercial catering gas appliances that were at some time approved for installation and due to the appliance's removal from an installation, needed to be reconditioned and thus require re-certification.

4. Application for Certification Approval

The person seeking certification for the gas appliance must complete an application form and submit it to the designated Type A Gas Appliance Certification Inspector before any assessment and test is carried out.

{Refer to appendix A - Application for Approval/Certification of a Type A Gas Appliance}

The following information must be provided:

- Installation instructions if relevant, and operating and servicing instructions;
- Appliance specification together with relevant detailed drawings;
- If the appliance contains electrical (include electronic) parts, a statement by a licensed electrical contractor or 'A' grade electrical worker experienced in electrical appliance repair to verify that a safety compliance inspection of the electrical sub-assembly/parts has been carried out;
- Any other technical information and/or test data that may be available.

Testing is not to be carried out unless all information required in the application form is properly completed.

5. Processing of the Application

Upon receipt of an Application for Certification Approval, the Type A Gas Appliance Certification Inspector shall open a file and record the application with the associated literature.

An approval/certification number is then to be allocated to the appliance prior to commencement of testing. The approval/certification number is a ten-character number with the first three letters to identify the Certification Inspector's company, followed by the year and the last three digits as 001 for the first application, eg ESD2004001.

The Type A Gas Appliance Certification Inspector shall maintain a register of the certified appliances together with their certification number and these shall be made available for auditing by EnergySafety.

6. Assessment and Approval Requirements

The “Technical and Safety Requirements for Type A Gas Appliances” (the document) sets out the technical and safety compliance requirements for Type ‘A’ gas appliances. The document identifies the essential requirements for gas equipment, including Type ‘A’ gas appliances. Gas inspectors who accept their certificate of designation to approve Type ‘A’ gas appliances are required to ensure the essential requirements set out in the document are satisfied.

Appendix 1 of the document also provides for the procedural requirements for the approval of Type ‘A’ gas appliances which must be followed and is to be read in conjunction with the *Procedures for the Certification of Individual Type A Gas Appliances* as published from time to time.

Testing of the appliance should be carried out in a suitable workshop. Where this is impractical (eg. due to appliance size), testing/certification at the manufacturer’s premises is permitted. Where in situ testing/certification is required to be carried out, the written approval of the Gas Supplier must be obtained prior to connection to gas supply and the commencement of any testing.

7. Reporting Requirements

A completed copy of the “Certification of a Type A Gas Appliance” application form for each gas appliance approved/certified shall be submitted to EnergySafety within 14 days of appliance approval.

{Refer to appendix A - Certification of a Type A Gas Appliance}

8. List of Type A Gas Appliances

- Domestic cooking appliances
- Domestic space heating appliances having a maximum hourly input rate of 150 megajoules
- Domestic refrigerators
- Domestic outdoor barbecue grillers
- Water heaters
- Swimming pool heaters
- Commercial catering equipment — boiling tables, open and closed top
- Catalytic spaceheaters having a maximum hourly input rate of 20 megajoules
- Domestic decorative gas log fires having a maximum hourly input rate of 72 megajoules
- Incinerating toilets
- Cooking, lighting, or heating appliances that use LPG and are designed for outdoor use
- Commercial catering equipment — salamanders and grillers
- Commercial catering equipment — solid griller plates, griddles
- Commercial catering equipment — barbecue grillers
- Commercial catering equipment — ovens
- Commercial catering equipment — boiling water units
- Commercial catering equipment — stock pots
- Commercial catering equipment — atmospheric steamers
- Commercial catering equipment — fryers
- Commercial catering equipment — food warmers Bain-Marie
- Commercial catering equipment — convection ovens
- Laundry dryers
- Overhead heaters
- Industrial mobile air heaters
- Indirect fired air heaters
- Air conditioning units

Commercial means designed and manufactured for commercial use, whether or not it is in fact so used.

Domestic means designed and manufactured for domestic use, whether or not it is in fact so used.

Unless otherwise specified, a reference to an appliance in the Table is a reference to an appliance having a maximum hourly input rate of 500 megajoules.

Any queries with regards to this procedure should be directed to:

Chief Gas Inspector
Energy Safety Division
Department of Consumer and Employment Protection
PO BOX 135
CANNINGTON WA 6987
Phone 9422 5297
energysafety@docep.wa.gov.au

Revision 4. December 2007

APPENDIX A

Forms

- ***Application for Approval/Certification of a Type A Gas Appliance***
- ***Certification of a Type A Gas Appliance***



Application for Approval Certification of a Type A Gas Appliance

Pursuant to Section 13E of the Gas Standards Act 1972. Please complete the two-page form using block letters.

To: Type A Gas Appliance Certification Inspector

For Office Use Only									
Approval Number:									

I, the undersigned, apply for approval of the gas appliance described below in accordance with the requirements of Sections 13D and 13E of the *Gas Standards Act 1972 (WA)* and I accept the General Conditions of Approval.

Gas Appliance Details				
Appliance Type: <small>**Please Tick Appropriate Box</small>	<input type="checkbox"/> **Domestic	<input type="checkbox"/> **New	No. of Appliances Covered by this Application (Must be Identical)	
	<input type="checkbox"/> **Commercial	<input type="checkbox"/> **Reconditioned		
Appliance Description:			Trade Name:	Gas Type:
Appliance Category: <small>(Refer AGA Certification List)</small>	Model No.:		Serial No.:	
	Gas Consumption in MJH:	Injector Size(s):	Operating Pressure, kPa:	
Appliance Documentation Must Be Submitted With Application:			Does the appliance contain electrical equipment: If YES, attach a Test Report from an approved Testing Laboratory OR complete the details below by a Licensed Electrical Contractor or 'A' Grade Electrical Worker experienced in electrical appliance repair.	
Technical specifications	<input type="checkbox"/>			
Installation instructions	<input type="checkbox"/>			
Operating instructions	<input type="checkbox"/>			

Safety Inspection of the Electrical Parts (sub-assemblies and/or components) of a Gas Appliance		
The undersigned person experienced in electrical appliance repair who holds an Electrical Contractor or 'A' Grade Electrical Workers Licence hereby declares that the electrical parts in the gas appliance described below have been inspected and the electrical sub-assembly and components are suitable for connection to consumer electrical installations in Western Australia and comply with one or more of the following Standards as relevant:		
<ul style="list-style-type: none"> • AS/NZS 3100 • AS/NZS 60065 • AS/NZS 60335.1 		
Name of manufacturer/importer:		
Appliance Description:		
Electrical Nameplate Marking:		
Voltage rating: <small>volts</small>	Frequency: <small>Hz</small>	Power/Current rating:
Inspection by Electrical Contractor or 'A' Grade Electrical Worker experienced in electrical appliance repair:		NAME:
Licence No.:	Signature:	Date:

Preliminary Appliance Checks		
<small>**Please tick appropriate box for each question</small>		
• Has a pressure test been carried out and is the appliance gas tight?	<input type="checkbox"/> **YES	<input type="checkbox"/> **NO
• Does the flame safeguard (if fitted) cut off the gas within the specified time?	<input type="checkbox"/> **YES	<input type="checkbox"/> **NO
• Has a combustion test been carried out and is the CO/CO ₂ ratio within acceptable limits?	<input type="checkbox"/> **YES	<input type="checkbox"/> **NO
CO _____ CO ₂ _____ CO/CO ₂ Ratio _____		
• Have you carried out your own checks on this appliance in accordance with design requirements?	<input type="checkbox"/> **YES	<input type="checkbox"/> **NO
• Name of person who carried out checks: _____		

General Conditions of Approval

The applicant hereby agrees:

- (i) That the Inspector will not be held responsible for loss, injury or damage from any cause while the appliance described above is in transit, in situation, or being examined and tested for the purpose of approving the appliance.
- (ii) That this approval will only apply to the particular appliance described above and that the approval does not extend to any other appliance (whether it is identical or not).
- (iii) That for 'type approval' of up to a maximum five (5) identical appliances each appliance must be separately tested but can be covered by a common 'approval number'. In this case the Director of Energy Safety's written approval must be obtained prior to carrying out certification.
- (iv) That the installation and operation instructions are submitted for approval as part of this appliance.
- (iv) That any individual Badge of Approval is issued on the following conditions:
 - 1. That the certification shall apply only to the particular appliance specifically described in this application and to which Energy Safety's badge carrying this Approval Certification number has been affixed.
 - 2. That the appliance shall only be used for the gas for which it has been designed and tested by the Inspector.
 - 3. That the certification shall cease to be valid if any alteration is made to the original approved appliance or if the appliance is not operated in accordance with the approved manufacturer's instruction.
- (v) That the cost of testing shall be borne by the applicant regardless of the success or otherwise of the tests.

The manufacturer or distributor warrants that the appliance is safe to use and fully complies with all Australian or Australian Gas Association Standards/Codes and seeks approval to sell, hire or advertise the appliance in accordance with Section 13D of the *Gas Standards Act 1972*.

Applicant's Details

Applicants Name: _____	
Business Name (If Applicable): _____	
Address: _____	
Postcode: _____	
Telephone Number: _____	Fax Number: _____

Note: Failure to supply all the relevant details and documents may delay the assessment of this application. Applicants should allow a minimum of 5 working days for processing of this application.

Signature of Applicant: _____	Print Name: _____	Date: _____
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Proposed Installation Details (if available)

Name: _____	Telephone Number: _____
Address: _____	
Postcode: _____	

FOR OFFICE USE ONLY

Approved: <input type="checkbox"/>	Not Approved: <input type="checkbox"/>	Code Approved To: <input type="checkbox"/>
Inspector No: <input style="width: 100%;" type="text"/>		
Comments: _____		
Signature of Type A Gas Appliance Certification Inspector: _____		Date: _____



Department of Consumer
and Employment Protection
EnergySafety

No. of Appliances Covered by
this Application.

1

NEW



RECONDITIONED:

Certification of a Type A Gas Appliance

Inspectors No.	GI 00621	Approval Number:									
Inspectors Name:	John Westwood	J	W	W	2	0	0	4	1	0	1
Location of Approval:	WORKSHOP: <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/> Give detail:									

APPLICANT'S DETAILS	
Applicants Name:	BILL BAILEY
Business Name (If Applicable):	N/A
Address:	42 WRIGHT STREET, HIGHGATE
	Postcode: 6003
Telephone Number: 0401 223 345	Fax Number:

PROPOSED INSTALLATION DETAILS (if available)	
Name:	Telephone Number:
Address:	AS ABOVE
	Postcode:

GAS APPLIANCE DETAILS			
Appliance Type:	<input type="checkbox"/> Domestic	<input checked="" type="checkbox"/> Commercial	Code Approved To: AS 4563
Appliance Description:	6 BURNER GAS RANGE		Gas Type: LP Gas
Model No. WAL6BRLP	Serial No. 2004-1102	Operating Pressure kPa: 2.75	
Injector Sizes: REAR H/PLATE: 3 X 0.8MM, FRONT H/PLATE: 3 X 1.05MM, OVEN: 1 X 1.65MM			
	Gas Consumption in MJH: 89.5		

Appliance Documentation Submitted With Application		
Technical specifications <input checked="" type="checkbox"/>	Installation instructions <input checked="" type="checkbox"/>	Operating instructions <input checked="" type="checkbox"/>
Safety Inspection of the Electrical Parts		
Licence No: EW: 432145	Name: JOHN SPARK	

Comments:	COMMERCIAL RANGEHOOD TO BE SUPPLIED BY "AIR-CLEAR PTY LTD"	
Signature of Type A Gas Appliance	Date:	
Certification Inspector: John Westwood	3 December 2007	