

Australian Standard AS 4575 2019 Gas Appliances – Servicing of Type A Appliances specifies requirements and standards for Type A gas appliance servicing and is recommended as a servicing guide. Any open-flued appliance spillage test is to be carried out in accordance with the current version of AS/NZS 5601.1.

## **Servicing gas fitters:**

- Must be an appropriately qualified gas fitter (with servicing endorsement).
- Must also hold an electrical workers licence to carry out any electrical work.
- Must ensure the worksite is safe. Carry out a Job Risk Analysis (JRA) and only proceed if safe to do so.
- Should follow an all-inclusive and thorough process when servicing gas space heaters.
- As part of overall servicing, include and follow the appliance manufacturer's servicing instructions (where available).
- Are required to ensure any replacement components are those nominated by the manufacturer or manufacturer's agent.
- For open-flued gas space heaters, the overall servicing must include installation compliance verification (location, air supply for appliances, flue installation, etc.), flue function test and spillage test.
- For flue-less gas space heaters the overall service must include installation compliance verification ensuring the room where the heater is installed has the required, unrestricted high and low ventilation.
- Upon completion of the servicing process:
  - are encouraged to provide the customer with a copy of a service checklist; and
  - are required by the Regulations to attach an appropriately detailed service label to the appliance.

To assist gas fitters, the following check-sheet is offered as a guide and may be used when servicing gas space heaters.

The check-sheet should not be deemed as comprehensive in every instance.

Gas fitters may use their own comprehensive check-sheet.

## Space heater service checklist

Appliance	Yes/No or N/A	Action/notes
Is the appliance certified?		
Is the appliance certified for use in the current location?		
Is the appliance subject to any <a href="#">safety alerts</a> , recalls, etc.?		
Is the appliance configured for the type of gas?		
Is the appliance appropriately installed?		
<ul style="list-style-type: none"> <li>• Location</li> </ul>		
<ul style="list-style-type: none"> <li>• Appropriate fixing, fastening locating devices</li> </ul>		
<ul style="list-style-type: none"> <li>• Air supply</li> </ul>		
<ul style="list-style-type: none"> <li>• Flue installation</li> </ul>		
<ul style="list-style-type: none"> <li>• Ventilation for flue-less space heaters</li> </ul>		
<ul style="list-style-type: none"> <li>• To manufacturer's installation instructions</li> </ul>		
Is the gas hose assembly in good condition?		
Is electrical isolation appropriate? (Switched cord and plug, double pole isolator to socket outlet with cord and plug to appliance, etc)?		
Is electrical isolation accessible for operation?		
Is cord and plug assembly in good condition? Free from cuts, wear, abrasions, etc. (Visual inspection only)?		
Is the appliance gas inlet pressure correct?		
Are air filters clean?		
Do the appliance burners (pilot, main) indicate any flame abnormality?		

Check for flame safeguard functionality		
Do the burner/s remain stable when any turn-down/up settings are operated?		
Are appliance motors/fans operating smoothly and quietly?		
Is there any external evidence of damage or excessive carbon deposits?		
Is the heater adequately distanced from combustible materials?		

Before completing the following steps, electrically isolate appliance.  
(Turn off socket outlet switch or double pole isolator and remove cord and plug from socket outlet.)

Appliance	Yes/No or N/A	Action/notes
Is the appliance gas tight/leak free?		
Is the appliance clean? Internally/externally? (Clean all dust, lint, carbon deposits, etc)		
Are all components correctly located? (Flame rods, thermocouples, pilot assemblies, burners, etc.)		
Do all components appear fit for service? (Free from damage, deformation, etc.)		

Reassemble appliance and plug in any electrical cord and plug assembly into the appliance specific socket outlet.

Appliance	Yes/No or N/A	Action/notes
Is the appliance operating as it should?		
Is the flame safeguard system functioning correctly?		
Is appliance flue functioning appropriately?		

For open flued appliances, has a spillage test been carried out in accordance with AS/NZS 5601.1?		
Did the spillage test prove the appliance and flue are operating correctly?		
Has a flue function spillage test report sheet been completed?		

Other observations, tests or important points to note		
Appliance	Yes/No or N/A	Action/notes