

# gas focus

## Use of appropriate flexible hose assemblies on gas appliances

In June 2003, a major fire engulfed the Sorrento Quays complex at Hillarys.

Following a thorough investigation into the cause of the fire, it appears that there had been a failure of a flexible gas hose connection onto a deep fryer. The hose that had been used to connect to the fryer was a type not designed to meet the operating conditions of a commercial appliance.

There are four classes of hose assemblies identified as being approved under Standards Australia AS/NZS1869 Hose assemblies. These are shown on the following table:

In selecting the appropriate hose assembly, it is important to consider the application and temperature limitations. It is also important to strictly follow the manufacturer's installation instructions.

All Australian Gas Association (AGA) approved flexible hose assemblies are marked with the approval number, size and classification (see the following photo). A hose assembly for use on a domestic appliance may not be suitable for the connection of a commercial gas appliance.

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Class	Maximum Working Pressure at 230 C (kPa)	Working Temperature Range (Deg.C)
A	7 kPa	-20°C to +65°C
B	7 kPa	-20°C to +125°C
C	2600 kPa	-20°C to +65°C
D	2600 kPa	-20°C to +125°C



Approved flexible hose connection with requisite markings

## Energy Safety



## Testing, approval and labelling of gas appliances

The following information regarding testing, approval and labelling of Type A gas appliances appeared in the Government Gazette on 19 December 2003.

### **GAS STANDARDS ACT 1972**

#### TESTING, APPROVAL AND LABELLING OF GAS APPLIANCES

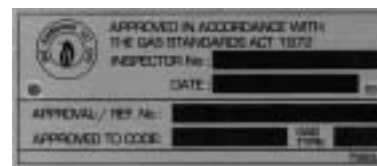
The Director of Energy Safety hereby gives notice that from 1 January 2004:

- (1) Pursuant to Section 13F of the *Gas Standards Act 1972* he adopts the general approvals and safety certifications of Type A gas appliances given in accordance with the Australian Gas Association's national Product Certification Schemes

for gas appliances and components, under the published rules of those schemes, administered and operated by Australian Gas Industry Product Certification Schemes Ltd, 2 Park Way, Braeside, Victoria 3195;

- (2) Pursuant to Section 13E of the *Gas Standards Act 1972* the following bodies, through their relevantly authorised inspectors, are each recognised to be a competent authority to test and approve limited quantities of new Type A gas appliances in WA, under the delegated authority of the Director –
- (a) Alinta Network Services Pty Ltd
  - (b) PSG Gas Consultants
  - (c) Dalefield Pty Ltd
  - (d) Hi Speed Gas Pty Ltd

- (e) Peter's Commercial Kitchens;
- (3) Approval badges in the form shown –



are the recognised mark to be carried by Type A gas appliances approved under (2) above; and

- (4) The Notice published in the Government Gazette dated 10 February 1995 under provisions of the *Gas Standards Act 1972* and titled "Testing, Approval and Labelling of Gas Appliances" is revoked.

ALBERT KOENIG  
**Director of Energy Safety**  
 Department of Consumer and  
 Employment Protection

### PROSECUTIONS FOR BREACHES OF THE GAS STANDARDS (GASFITTING AND CONSUMER GAS INSTALLATIONS) REGULATIONS 1999 1 June 2003 to 31 October 2003

Breach	Name (and suburb of residence at time of offence)	Licence No.	Fine \$	Costs \$
Failed to rectify gasfitting work subject of a notice of defects Regulation 30(1)(a) GSR	Anthony Lumley (Alexander Heights)	GF 000406	600.00	555.40
Failed to provide a notice of rectification to the inspector Regulation 30(1)(b) GSR	Anthony Lumley (Alexander Heights)	GF 000406	600.00	
Installed a gas fired water heater less than 300 mm from an external corner of a building Regulation 32 GSR	Anthony Lumley (Alexander Heights)	GF 000406	600.00	
Carried out gasfitting work without holding the appropriate licence classification Regulation 13A(2) GSR	Robert Harvey (Coogee)	NLH	400.00	287.70
Carried out gasfitting work without holding the appropriate licence classification Regulation 13A(2) GSR	Brendon (Belmont)	NLH	500.00	575.00
Did not attach a badge or label to an installation Regulation 28(2) GSR Failed to submit a Notice of Completion as required Regulation 28(1) GSR Failed to carry out a pressure test Regulation 30(1) GSR	Nathaniel James (Albany)	GF 008970	* 500.00	257.70

GSR Gas Standards (Gasfitting and Consumer Gas Installations) Regulations 1999

NLH No Licence Held

\* Global Fine (more than one offence)

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