

GAMAA Minutes

TECHNICAL COMMITTEE

7 July 2015

GAS APPLIANCE MANUFACTURERS ASSOCIATION OF AUSTRALIA INC.

MINUTES OF A TECHNICAL COMMITTEE MEETING

HELD AT AI GROUP

7 July 2015 COMMENCING AT 10.00 AM

1. PROBITY COMPLIANCE

The Executive Officer confirmed that the meeting had been conducted in accordance with the GAMAA's protocols on Compliance with Part IV of the Trade Practices Act and that the Standing Agenda item on Trade Practices compliance had also been reviewed and its contents observed throughout the meeting by those present. Further that the minutes of this meeting duly record that the activities of the meeting were conducted in accordance with the Protocols and in compliance with the Act.

2. WELCOME AND ANNOUNCEMENTS

The Chair commenced the meeting at 10.00 am.

Present

Andrew Creek (Chairman)	SITGas
Ross Jamieson	SITGas
Michael Llewellyn	APA
Rebecca Searcy	VIPAC
Leon Bogers	Rinnai Aust
Chris Blogg	Rinnai Australia
Matthew Low	Aquamax
Darren Ford	Real Flame
Chris Wealthy	AGA
Billy Tabourlos	AGA
Paul Hodolic	Keefer Bros
Colin Poulter	System Control Engineering
Alan Law	Rheem Aust
Lok Tam	IAPMO R & T Oceana
Anubhav Anand	Techrite
Anthony Edwards	Bosch
Graeme Peterson	DUX Manufacturing

Apologies

Anson Du	IAPMO R & T Oceana
Paul Allwood	Seeley International
Paul Baini	Comcater
Peter Faase	DUX Manufacturing
Richard Calaby	Climate Technologies
Wes Zabielski	Moffat
Steve Bensted	Brivis

In Attendance

Jon Onley	GAMAA Executive Officer
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3. MINUTES OF THE PREVIOUS MEETING

The Minutes of the previous Technical Committee Meeting held on 9 April 2014 were confirmed.

Moved: Paul Hodolic

Seconded: Ross Jamieson

4. MATTERS ARISING

Nil

5. AG-001 MEETING -2 & 3 July Sydney

Agenda items and active projects

Ref. (Item no. from Minutes)	Action Item No.	Issue	Action by
3.2	01	WG-10 to review AS 2658 and AS 5263.0 provide a recommendation	Enzo Alfonsetti
3.3	02	AS 4565 Radiant gas heaters for outdoor and non-residential indoor use— Further discussion	AG-001 Committee
3.6	03	Guarding recommendation on Part 0 revision list as per Document 08 of Meeting No. 35.	Trevor Tucker
3.6	04	Stability clauses to be included on Part 0 revision list as per Document 08 of Meeting No. 35;	Trevor Tucker
3.8	05	Vibration test in line with EN 60068-2-6/EN 15033 Standard to be added on Part 0 revision list.	Trevor Tucker
4.1	06	Seek SA management approval for AS/NZS 5263.1.1,1.2,1.3 and 1.7 2 nd round of public comment and ballot (combined procedure)	Ahshanur Rashid
4.3	07	Seek SA management approval to change the scope of work (project scope) from 'Revised text amendment' to a 'Revision'.	Ahshanur Rashid
4.5	08	Items to be included on AS/NZS 5263.0 revision list from WG 24 Working Group Report	Trevor Tucker

Discussion items

Active projects (Update from AG-001-02)

- (i) AS 5263.1.1 (AS 4551) — Domestic gas cooking appliances
Note: Addition of flame safeguard on AS 5263.1.1 based on GTRC and GAMAA request (effective as of 1 July 2017)
- (ii) AS 5263.1.2 (AS 4552) — Gas Fired Water Heaters
- (iii) AS 5263.1.3 (AS 4553) — Domestic Gas Space Heating Appliances
- (iv) AS 5263.1.7 (AS 4557) — Domestic Gas Barbecues
- (v) AS 5263.1.6 (AS 4556) — Gas ducted air heaters
- (vi) AS 5263.1.8 (AS 4558) — Decorative gas log and other fuel effect appliances

Other discussion items

(a) Submission from members

- (i) Oven door temperature - **some members supported 40 degrees and some supported 60 degrees – discussions continue**
 - (ii) Use of aluminium tubing for gas piping in appliances and how failures occur in caravans - **likely that a vibration test for appliances intended for caravans, boats etc.**
 - (iii) Area heater – **ESV proposal to broaden scope of 4565 to place some restrictions on these products. i.e. no wheels, pass a reduced pressure test and other initiations....similar requirements were suggested for table top patio heaters.**
 - (iv) Safety features of fire pit [Enzo A, Doc 06] - **A demonstration of a gas fire pit was conducted.**
 - (v) Space heater efficiency testing [Chris B and Rebecca S, Doc 07, Doc 08]**GAMAA will lead a working group to progress this. Resources will include Chris B, Rebecca S, Alan Law, Steve Bensted, Paul Allwood, an AGA rep and others.**
 - (vi) Reactivate below WG for to commence working on the space heater and ducted gas heater energy labelling methods of test for possible inclusion in future revisions of AS/NZS 5263.1.3 and AS/NZS 5263.1.6 [Paul A]
- AG-001-00-21 Space heaters/decorative heaters
- AG-001-00-22 Ducted gas heaters
 - (vii) AS 5263.0 Item: Combustion testing using various flue lengths, in particular ensuring the flue lengths which give the worst case result are used [Billy T]
 - (viii) The inclusion of full length flue liners with appliances which are to be installed in a masonry chimney [Billy T] - **Currently there are around 300,000 installations that potentially could/should have full length flue liners. ESV is keen to progress this ASAP.**
 - (ix) Canister Cooker Temperature Hazards Testing [Chris W, Doc 09]
- (b) AS 5263.0 Amendment
—Update from Drafting Leader (Trevor Tucker)
- (c)—List of revision items, track change version of AS NZS 5263.0 is available on HUB, under National/Projects/ASNZS 5263.0. Direct Hub Link:
<https://ecommittee.standards.org.au/livellink/livellink?func=ll&objId=1042086&objAction=browse&viewType=1>

Aged Standards Review—2015

— SA has listed some Standards that are more than 10 years old. AG-001 needs to take decision of 'reconfirm/revise/withdraw of the Standards listed. [Ahshanur R, Doc 10]

Reports from Working Groups

(i) WG 10 (From Convenor)

— Review AS 2658 and AS 5263.0 provide a recommendation [Chris W, Doc 11] – likely that there will be a breakdown of parts of the Standards to be more specific to various sector or categories of appliances.

— Draft MOT for AS 2658 Clause 3.7.1, Overpressure Protection [Martha L, Doc 12]

(ii) WG 24 (From Convenor)

GAMAA will discuss gas bottle connections (up to 9kg) with Gas Energy Australia.

Next AG 001 meeting 3 & 4 September – Sydney

6. OTHER STANDARDS AUSTRALIA COMMITTEE REPORTS

- a. AG-001 - Gas Appliances –meeting was held 2 & 3 July in Sydney– notes in point 5 above.
- b. AG-001-03 - Commercial Catering Gas Equipment –has not met
- c. AG-006 - Gas Installation Committee – Leon reported – meeting 12 May to correct an error in that was introduced in the editing process, this is being worked through. Other discussion points:
 - Clarification around clearance around grease surfaces
 - Cookers in combined living and sleeping areas - lack of ventilation
 - WG to revise appendix “R” spilling from space heaters – adopt a smoke-match test
 - Next meeting of AG 006 -10 & 12 November in NZ
- d. AG-011 - Industrial and Commercial Gas-Fired Appliances – is being reformed – Andrew Mackay is Chair constitution to be re-established
- e. AG-013 - Components used for Gas Appliances and Equipment – Combining with AG-011
- f. CS-028 – Solar Water Heaters& Air Conditioners – last meeting in May – developing a new standard (rewritten in 5 separate parts)
- g. ME-015 - Storage and Handling – Liquefied Petroleum Gases –Committee is active but they are working on Standards not relevant to GAMAA
- h. WS – 026 Valves Primary for use in warm & Hot Water Systems – New Standard for thermostatic mixing taps: AS 1357.1 Minor amendment
- i. Other – WS14 - Active

INACTIVE COMMITTEES:

AG-010 - Natural Gas Quality Specifications

CH-007 - Vitreous Enamel Finishes

CH-038 - Liquefied Petroleum Gas – Composition

CS-007 - Guards for Heating Appliances

AG - Working Group 11

AG-012 - Gas Appliances - Quality of Servicing

7. SI UNITS & STANDARDS AUSTRALIA UPDATES

Ross Jamieson reported:

Ross has applied to Standards Australia to amend the following Standards and approval has been given to allow modifications.

- 4617
- 4618
- 4619
- 4620
- 4621
- 4624
- 4627
- 4628
- 4629
- 4630
- 4631
- 4632

No further information has been received from the National Measurement Institute to change the existing laws to incorporate the above measurement markings.

Ross noted that a number of Standards ratified in 2014 included reference to PSI markings.

Ross advised that the following Standards have just been put out to public comment (2nd July 2015) by Standards Australia. The closing date for comment is 13th August 2015.

AS/NZS 5263.1.1	Domestic gas cooking appliances
AS/NZS 5263.1.2	Gas fired water heaters for hot water supply and/or central Heating
AS/NZS 5263.1.3	Gas space heating appliances
AS/NZS 5263.1.7	Domestic outdoor gas barbecues

8. E3 COMMITTEE UPDATE

David Walker has left the Department. A replacement for David has not been appointed as yet.

Gas Space heaters:

E3 published a research report. A draft report was circulated which GAMAA provided a details submission...this response seemed to have been ignored. A final report was put out without taking on board GAMAA suggestions...the report that was published, highlighted a "no tolerance" stance for StarRating. This report ignored some appliances that had a higher rating than the Stars indicated.

GAMAA is working with E3 and Standards Australia to resolve these potential inconsistencies.

Media reports negative to gas: Leon Bogers managed all media enquiries following the release of the E3 Space Heating findings - the following key points were offered to each media enquiry:

1. The report allows no tolerance between the results declared by the manufacturer and the E3 results for star rating and heat output and this is unrealistic and itself misleading and inconsistent with what is allowed for air conditioners.
2. The effect on the consumer of variances in annual energy consumption are overstated. AEC has little impact on running costs as energy labelling cannot take into consideration dwelling size, orientation, insulation, ventilation, geographic location and usage patterns. GAMAA believe the AEC should be removed from the label. For a consumer, a comparison of the star rating is the best indicator of relative running costs.
3. Energy labels between flued and unflued space heaters are directly comparable, contrary to what the report stated. Energy labels between space and ducted heaters are not directly comparable but this is of no detriment to the consumer as the appliance type is chosen according to what type of heating is required, not according to the energy label.
4. The report contains errors. An example is the standby energy consumption figure quoted for decorative heaters which used the wrong energy unit: \$1284 should be \$356, assuming the pilot is left on all year which itself is unrealistic.
5. GAMAA broadly agrees improvements can be made in the labelling requirements in the Australian Standard for decorative appliances.
6. GAMAA also agrees improvements can be made in the Australian Standards for gas heaters regarding energy labelling requirements.
7. GAMAA pointed out their concerns with the report to E3 in writing prior to its publication but these do not seem to have been considered in the version that was published.

Leon explained the framework of current appliance certification which covers energy labelling of gas heaters and that this is not an “industry” scheme.

Gas Hot water:

Leon provided a summary:

Zoned Energy Rating Label (ZERL) and Hot Water Energy Efficiency

1. Rating information must include Greenhouse Gas Emissions data for all water heating types to be of real value to the consumer and is also consistent with the goals of the GEMS act which E3 underpins.
2. A ZERL label is totally impractical for solar water heating systems.
3. Where a ZERL label is used, the information on it (and more) should also be in a database available from the web.
4. Standardised load profiles, test methodology and allowable tolerances need to be established consistently across all types of water heaters. The most logical mechanism to achieve this is the relevant Australian product Standards. These would all need amendment and publication and then grandfathering period BEFORE ZERL Database is mandated. This is a mammoth task.
5. Is it appropriate for E3 to regulate noise levels? Is there a better mechanism to achieve this?
6. Three climate zones are proposed for solar and heat pump water heaters. This is inconsistent with existing Aust. Standard used for STC allocation for solar and heat pump water heaters – for Australia; solar has 4 zones and heat pumps 5 zones. So it seems there will be Energy labelling information based on different calculations to STC allocation. This does not make sense and logically introduces inconsistencies and duplication in compliance requirements (testing, reporting, registration) the extent and impact of which are not yet known.
7. There should be limited or no zone testing for electric and gas water heaters.
8. E3 aims to bring electric storage, heat pump and solar water heaters under a single RIS and establishing a “working group” to work out methods of test for the ZERL label in 2016. An SA “working group” already exists for gas water heaters energy labelling. It would seem logical to bring Gas water heaters into the same RIS and extend the existing SA working group to include the other technologies. This way consistency can be achieved and repetition avoided. It would not be in the interests of consumers if the

ZERL label was not introduced simultaneously across all water heating technologies, nor would this be fair to manufacturers.

9. The Standards Australia framework should be followed for all changes proposed.

9. AG 001 FLAME FAILURE SAFEGUARDS

Ross Jamieson reported that it is likely that ALL domestic cooking burners/appliances will need to have flame failure, for example change AS/NZS 5263.1.7 and require flame failure on all burners in a future date, implementation of this regulation is likely to be 1 July 2017.

The process has been agreed to introduce the requirement during the revision of the standard in approximately 12 months' time. In the meantime GAMA will be consulting with the broader industry.

Gas BBQs may also need to have Flame Failure devices fitted.

10. CIE DISCUSSION PAPER


The GTRC commissioned the Commission for International Economics (CIE) to undertake research into gas appliance testing standards and frequencies. Their research will encompass discussions with CABS, Industry & Industry associations.

Leon Bogers and Ross Jamieson crafted and circulated a draft paper to the Executive Committee.

The Executive debated the draft document and Leon prepared the final version including a covering comment that was forwarded to Hayden Fisher of CIE.

11. OTHER BUSINESS

1. Sampford Safety Notice 25 June.



GAS HEATER SAFETY MESSAGE
CANNON FITZROY AND CANTERBURY INBUILT GAS HEATERS

Gas heaters provide safe and economical heating for millions of Australian families.

As a leader in the Australian gas heating industry for over 60 years, Cannon is committed to your safety.

Laboratory testing suggests that it may be possible that Cannon Fitzroy or Canterbury inbuilt gas heaters built between 20 March 2001 and 8 October 2009 under AGA Approval 6118 could produce potentially hazardous levels of carbon monoxide if the heater is subjected to certain conditions, including the operation of range hoods and other exhaust fans. This risk may be increased if the inbuilt heater has not been installed properly, or if it has not been serviced regularly, or if your house is tightly sealed.

The build date and AGA Approval number of the heater appear on the heater's ratings label, which is located within the lower fan chamber, and which a suitably qualified person can access by removing the lower fascia panel of the heater.

If you think you have one of these inbuilt gas heaters, you should not use it until you have had it checked by an authorised Cannon service technician to ensure that the operation of exhaust fans or the installation of the heater does not affect the safety of your heater. You or your technician should call Cannon on 1800 035 410 with any questions or concerns.

1800 035 410 www.cannonappliances.com.au/safety-message

This safety notice was picked up by radio networks (including Neil Mitchell 3AW) and other media outlets.

2. Ross Jamieson raised the issue of a lack of “trained” gas fitters. His observation is that in the future, this role may revert back to manufacturers....in an attempt to protect the product integrity and manufacturer’s reputation.

10.ADJOURNMENT

The meeting was closed at 1.35pm

Next meeting: Thursday 10 September.
