

**Standards Consultation Forum
Notes and Actions
Wednesday 27th March 2019 at 10.00am
Energy & Utility Skills, Friars Gate, 1011, Stratford Road, B90 4BN**

1. Attendance

Trevor Smallpeice (TS)	TS Enterprises (Chair)
Ian Moss (IM)	Energy & Utility Skills (Secretariat)
Bruce Bennett (BB)	Gas Safe Register
Richard Payne (RP)	Certification Bodies
Tony Ganner (TG)	Plumbers Teachers Association
David Whitehead (DW)	NCC
Dave Bendle (DB)	British Gas
Joanne Bone (JB)	IGEM
Peter Hurst (PH)	IGEM
Gavin Jones (GJ)	BSI
Martin Garbutt (MG)	Home Serve
Peter Fawbert (PF)	LBF
Dave Thorley (DT)	Cadent
Dale Thomson (DT)	SNIPEF
Peter Baulch (PB)	CESRB
Ross Anderson (RA)	ICOM

Apologies

Reuben Smith	GILG (Chair)
Richard Harper	GCS Moderation group
Duncan Wilson	SNIPEF
Peter Hurst	IGEM
Barry Mathews	OPGO
Malcolm Greetham	Energy & Utility Skills
Neil Macdonald	HHIC
Richard Hakeem	UKLPG
Graeme Dryden	APHC
Chris Ganderton	Gas Teachers Association

2. Minutes from previous SCF meeting (12.12.19).

The minutes from the previous meeting were reviewed and agreed.

Note 1 (AOB):

Raise issue surrounding the provision of a single point of contact for instances where Gas Safe Registered engineers identify issues relating to gas supplies into a property e.g. built over gas services, faulty regulators etc. Suggestion from the Forum is to refer to TB 003

Note 2 (Note 1 (AOB))

BM: tabled a proposal at a previous meeting regarding the process involved with Registered engineer's access to standards, the original proposal was to increase the subscriptions to all engineers and in doing so provide access to standards for all Gas Safe registered engineers. This did not happen as at the time as HSE had started the GSR procurement process. TS has agreed to keep this on the agenda and discuss with HSE when appropriate, it was also agreed by the Forum to discuss the use of 'Recognised' manuals for future ACS & GCS assessments e.g. NICEIC on-site gas guide.

Note 3 (Item 4)

There is an outstanding action on TS and IM to write an article for the Registered Gas Engineer magazine regarding the changes to GN8, it was agreed this would be completed once the final version was agreed.

Note 4 (Note 3 Item 6.10)

David Whitehead provided an update regarding CoP 306 in that it may be withdrawn should BSI agree to include the content in the replacement standard for BS 5482. Whereas, the installation of tanks may be covered in BS 1949, the maintenance criteria will need to be included in the new standard replacing BS 5482. It was agreed to keep this item on the agenda.

Action DW: Discuss issues with the GSE 24 committee.

3. Standard Setting Body

3.1. Future of the Standard Setting Body (SSB) post April 2019.

Energy & Utility Skills currently facilitate and manage the SSB, this activity is funded from Gas Safe Register revenue, via a contract between Capita and Energy & Utility Skills. This contract is due to expire on 31st March 2019. Energy & Utility Skills have been asked to extend the current contract for a 12-month period up to the 31st March 2020. Post April 2019 a Procurement exercise will be facilitated by Capita to appoint an organisation to facilitate and manage the Standard Setting Body from 1st April 2020 for a four-year period. Nominations have now been received for industry to set up a 'decision panel'. The next steps are to await further instruction from Capita with a view to understanding the process and answering any questions regarding the SSB specification which was forwarded to them in January 2019.

3.2. SCF Terms of Reference.

Following the provision of the Standard Setting Body specification it has been suggested that the SCF term of Reference should be updated to mirror the specification, this should also apply to the SMB Terms of Reference. It was agreed by the Forum that this task should be completed before the next SCF meeting i.e. 19th June 2019.

Action IM & TS: Revise the Terms of Reference and circulate for comment.

4. ACS Entry Routes and Changeover requirements

Following the queries regarding the revised Guidance Note 8 process, the following meetings have been planned to discuss the content and implementation of the guidance:

- Tuesday 8th January – held to discuss the content of Guidance Note 8
- Wednesday 1st May 2019 – to discuss the necessary processes to underpin the guidance note to ensure that all centres are delivering the guidance on a consistent basis.

IM invited the Forum to participate on the 1st May 2019 should they wish to do so.

5. Standards Update

5.1. GSR TB's Document Control

TS noted that a number of changes have been made to Technical Bulletins without the version control changing. Following a discussion by the Forum it was agreed that all TBs should have their version control changed when a change occurs to the TB.

Action BB/TS: BB to feedback concerns to Gas Safe Register and TS to reply to David J Smith of GSR Technical

5.2. IGEM (Joanne Bone)

JB provided a paper to the activity currently being carried out by IGEM (see attached paper).

PH provided an update regarding the progress made by the IGEM Low Pressure working group (see attached paper)

PH notified the Forum that two Recognisers of Training have not to date placed their approved training providers on the Energy & Utility Skills website and that the matter is to be raised at the next SMB meeting (09.04.19).

The Forum voiced real concerns that the process appeared slow with some Recognisers of Training appearing to be obstructive and asked for movement on this issue as soon as possible.

5.3. BSI (Gavin Jones)

GJ provided an update of the standards that are under review by BSI in the downstream gas sector, please find below a link to the BSI website for Standards Development:

<https://standardsdevelopment.bsigroup.com/>

6. Qualification Products Development Projects

Following the changes to the NOS for the Gas engineering qualifications in 2017, Mike Morris (Energy & Utility Skills associate) has been carrying out a project to amend the products i.e. qualifications to be in line with the changes to the NOS. Funded by Skills Development Scotland and managed by SQA, the project is due to finish by the end of March 2019.

See attached paper for further information.

7. Standards Consultation Forum - update.

The following revised standards are being considered in relation to their impact on the MoGS criteria, the review period will run from 1st January 2019 to the 31st August 2019 and will be subject to discussions at the SCF and TWG:

7.1. ISU 082: IGEM/GM/7A: Electrical connections for gas metering equipment.

General: updated references to Legislation and other Standards
Section 1 Introduction: enhanced information including meter pulse utilization.
Section 3 Legislation and Standards: updated Information
Section 4: Inputs, Outputs and Interface equipment. updated Information
Section 5: Installing Equipment: new and updated Information
Appendix 1 Glossary, acronyms, abbreviation, units and symbols. Change.
Appendix 3 Peripheral equipment and meter types. update
Appendix 4 Pulse Input and Output design: update

Review of ACS matters of gas safety assessments required:

- CMIT1
- CMA1

7.2. ISU 083: IGEM/GM/7B: Hazardous area classification for gas metering equipment.

Published March 2018, Communication # 1804, replaces Edition 1 # 1732.

Section 1: Introduction: revision & reference to SPAA.
Section 2: Scope: Natural Gas in vapour form with a CV no greater than 45 MJ m3
Operating at a gauge pressure not exceeding 100 bar.
Section 3: Legal and Allied considerations: updated Information.
Section 4: Hazardous Area Classification: Idea to simplify the more complex requirements of IGEM/SR/25.
Section 5: Procedures for Hazardous Area Classification: New section to provide guidance to determine the extent of Zone 1 & Zone 2 Ventilation requirements.
Section 6: Hazardous Area Classification Documentation: Following the risk assessment of the Hazardous area, a list of documents and drawings will be either be displayed & accessible on site. Suitably marked Hazardous areas shall have suitable signage.
Section 7: Use of Electrical Equipment: reference to IGEM/GM/7A.
Appendix 3: background information
Appendix 4: worked example information
Appendix 5: Pressure at less than 100mbar
Appendix 6: Further guidance to Confined or Congested Installations

Review of ACS matters of gas safety assessments required:

- CMIT1
- CMA1

7.3. ISU 085: IGEM/UP/11: Gas for Educational establishments.

Published August 2018 Edition 2 commination # 1821 replaces # 1744

General: updated references to Legislation and other Standards

Section 1: Introduction:

Section 2: Scope:

Section 5: Location and Selection:

Section 6: Pipework

Section 7: Isolation of Pipework and Appliances:

Section 8: Laboratories: 8.2.2. Mobile LPG benches:

Section 11: Installing Appliances:

Section 12: Ventilation and Flues:

Section 13: Electrical Supplies and Wiring:

Section 14: Testing, Commissioning and maintenance:

Section 16: Emergencies:

Review of ACS matters of gas safety assessments required:

- CCCN1
- COCN1
- Generic Commercial Core Part A
- CODNCO1

7.4. ISU 086 IGEM/UP/17: Edition 2 Shared chimney and flue systems for domestic gas appliances.

Published October 2018 Edition 2 communication # 1826 replaces 1754

General: updated references to Legislation and other Standards

Section 1: Introduction:

Section 3: Legal and Allied considerations:

Section 4: Responsibilities and Management:

Section 5: Recognising types of shared and communal flues systems:

Section 6: Installing replacement appliances on existing shared flue systems:

Section 7: Maintaining shared flue systems and appliances:

Section 8: Labelling:

Section 10: Duct refurbishment and modification:

Review of ACS matters of gas safety assessments required:

- CCN1
- CENWAT

7.5. ISU 087: BS 6400 - 2: 2018 Specification for the installation, exchange, relocation, maintenance and removal of gas meters with a maximum capacity not exceeding 6 m³/h - Part 2: Medium pressure (2nd family gases) and highlights areas of significant change that the amendments have introduced.

Published December 2018 the revised Standard replaces the 2006 version and accompanies BS 6400 -1 & 3 as regards meter installations not exceeding 6m³ /hr

General: updated references to installations new information as regards inspection and maintenance

Section 1: Scope

Section 4: Planning and exchange of information

Section 5: Competency

Section 6: Design
Section 7: Gas Transporter appraisal of primary meter Installation
Section 8: Meter work
Section 9: Testing, purging and commissioning of regulator assembly
Section 11: Commissioning of the meter Installation
Section 15: Meter Installation removal.
Section 17: Post Installation checks
Section 18: Inspection and Maintenance

Review of ACS matters of gas safety assessments required:

- REGT1

7.6. ISU 088: IGEM/GM/4 Edition 3 Flow metering practices. Inlet pressure exceeding 38bar and not exceeding 100bar.

Published January 2019 Edition 2 communication # 1815 replaces # 1719.

General: updated references to Legislation and other Standards

Section 1: Introduction:
Section 4: System Design
Section 5: Orifice Meters
Section 6: Turbine Meters
Section 7: Ultrasonic Meters
Section 8: Secondary Instrumentation
Section 9: Gas Properties relative to Metering
Section 10: Installation and Commissioning
Section 11: Operation and Maintenance
Section 12: Audit

Appendix 3

Review of ACS matters of gas safety assessments required:

- TBC

7.7. ISU 089: UKLPG CoP 24 Part 3 Use of LPG for Commercial Catering events, Street Food and Mobile Catering - January 2019 Amendment

Published January 2019 Edition 2 communication # 1827 replaces # 1760

General: updated references to Legislation and other Standards

Section 3: Legal and Allied considerations:
Section 4: Procedures and Communications
Section 5: Actions on site
Section 6: Safe work practices
Section 7: Gas escapes from non-gas transporter networks

Review of ACS matters of gas safety assessments required:

- TBC

7.8. ISU090: IGEM/SR/29 Dealing with Gas escapes

Published January 2019 Edition 2 communication # 1827 replaces # 1760

General: updated references to Legislation and other Standards

Section 3: Legal and Allied considerations:
Section 4: Procedures and Communications
Section 5: Actions on site
Section 6: Safe work practices
Section 7: Gas escapes from non-gas transporter networks

Review of ACS matters of gas safety assessments required:

- TBC

7.9. ISU 091 BS5864: 2019: Installation of gas fired ducted air heaters

Review of ACS matters of gas safety assessments required:
Draft changes discussed at TWG to DAH1

7.10. TB 059: Potential gas escapes on stainless steel pliable or semi-rigid gas meter connections

After a Forum discussion it was agreed that the representative from the Plumbing Industry would forward the technical bulletin to their members i.e. APHC, SNIPEF and the Gas Plumbing Association.

Action GD/MR/TG: to forward the attached Technical Bulletin to their members and if possible publish the TB in their trade magazines.

7.11. Pre-requisites

MG notified the Forum of a draft paper (see attached) that outlines the necessary pre-requisites for ACS Cores and other ACS elements. The paper requires further discussion and will be discussed at future meetings of the SCF and TWG.

7.12. Safe Electrical Isolation.

A two Stage approach has been agreed and discussed at the TWG, since then MG has drafted '2 products' based on the current Best Practice document and guidance found in Standards.

The next is for the SCF to propose the next stages.

Action IM: Place Safe Electrical Isolation on the agenda of the next SCF to agree the next steps

7.13. Commercial Catering Canopy Testing procedure

The paper submitted by SA has been passed to CESRB for consideration.

7.14. Frozen Condensate

HHIC Paper to be considered at future TWG.

The industry has TB 155 for guidance.

7.15. Biogas and Hydrogen

Questions have been raised over the use of Biogas and Hydrogen in the supply network and in particular how it would affect competences for engineers. The general consensus was that these fuels are covered by the Installation and Use regulations and that engineers would need to prove their competence. Bio Gas is currently used in the supply network but does not necessarily affect the gas safety process adopted by Gas Safe Registered engineers. However, the introduction of Hydrogen will affect competence but will be dependent on the percentage mixture. It was felt that any future training and any possible assessment would be on differentials around the gas rather than the appliances.

Action IM/TS: Raise questions at the next SMB meeting (09.04.19)

8. IGEM/IG/1: update

8.1. IGEM Governance

The governance for the implementation of IGEM/IG/1 continued to be carried out by IGEM. A series of audits will take place over the next twelve-month period. These audits will include both quality system audits held at the Recognisers of Training premises and a sample of audits at the Training Providers premise. IGEM are having difficulty in arranging the audits as Recognisers of Training to date have failed to supply dates for the audit visits. The Forum expressed disappointment and urged the process to move forward rapidly. The matter is to be discussed at the next SMB meeting (09.04.19).

8.2. LPG Training Specification

IM notified the Forum that following a meeting with representatives of the LPG industry, the draft LPG training specification is to be revised to meet with industry demands. Good progress is being made with a draft copy of the specification being available for comment over the next couple of months.

8.3. Training Specification format

The format of the existing training specifications i.e. domestic, meters/emergency service provider and non-domestic have been amended to provide a consistent approach. The Forum agreed for IM to forward the amended versions to IGEM, once agreed by IGEM they will be circulated to the SCF of sign-off.

Action IM: forward training specifications to IGEM for sign-off.

9. SCF working group – ACS Re-assessment

The JPA has produced potential changes to the scheme but will require additional work to transfer proposed changes into the ACS criteria. To support this work, MG has provided the HSE with a business brief on how much work is needed to complete the review, this brief includes timeframes and approximate costs. HSE will confirm to whether funding can be provided for this activity. TS agreed to forward the 'Original Proposal' that was agreed by the SCF & SMB to ensure initial thoughts and agreements were not lost.

10. Other items

RP: requested that Energy & Utility Skills look at the ACS processes with regard to the initial pass rates and number of attempts candidates are allowed to take.

Action IM: arrange working group meeting to review ACS processes

Date of next meetings: to be held at Energy & Utility Skills, Friars Gate, 1011, Stratford Road, Shirley, B90 4BN.

Wednesday 29th June 2019

Wednesday 18th September 2019

Wednesday 11th December 2019

Agenda	Actions meeting 39	By
Note 3 (Item 6.10)	Discuss issues regarding the pending withdrawal of Code of Practice 306 with the GSE 24 committee.	DW
Item 3.2	Revise the Terms of Reference and circulate for comment.	IM/TS
Item 4	Send invite to interested parties for the GN8 review meeting planned for 8th January 2019	IM
Item 5.1	Feedback concerns regarding the version control of Technical Bulletins to the Gas Safe Register	BB/TS
Item 5.2	Raise the issue surrounding two Recognisers of Training having not included their approved training providers on the Training Directory.	IM
Item 7.10	Forward Technical Bulletin 059 to their members and if possible publish the TB in their trade magazines.	GD/MR/TG
Item 7.12	Place Safe Electrical Isolation on the agenda of the next SCF to agree the next steps	IM
Item 7.15	Raise questions regarding Biogas and Hydrogen at the next SMB meeting (09.04.19)	IM/TS
Item 8.3	Forward revised training specifications to IGEM for sign-off	IM
AOB	Arrange working group meeting to review ACS processes	IM