

**Gas Industry Liaison Group  
Notes and Actions  
Wednesday 13<sup>th</sup> March 2019 at 10.00am  
Corus reGENCY Hotel, Stratford Rd, Shirley, Solihull B90 4EB**

**1. Attendance/Apologies.**

Ian Moss (IM)	Energy & Utility Skills (Secretariat)
Malcolm Greetham (MG)	Energy & Utility Skills
Bruce Bennett (BB)	Gas Safe Register
Paul Smoker (PS)	Knowhow
Stuart Rattray (SR)	British Gas
Bill Dyer (BD)	T Brown Group
Andy Cartidge (AC)	National Grid Metering
Peter Platten (PP)	GTS
Steve Allitt (SA)	Heat Pro Ltd
John Forest (JF)	GATC
James McConnell (JMc)	BTC
Tony Hopton (TH)	Home Serve
Mick Hallam (MH)	Royal Mail Property & Facilities Solutions
Ben Kutcha (BK)	Quantic Corporation
Mark Baker (MB)	Corgi Technical Services
Stephen Hughes (SH)	Cadent
Tom Donnelly (TD)	Metropolitan Thames Valley Housing

**Apologies**

Reuben Smith	SWAT Gas
Michael Ovenden	Domestic Gas Services
Steven Whittle	GMB
Stephen Simcott	Scottish Power
Steve Mullin	the AA
Andy Brewer (AB)	ENGIE
Jamie Cooper (JC)	Omegaflex Ltd

**2. Minutes from previous GILG meeting (05.12.18)**

The minutes from the previous meeting were reviewed and agreed.

**Note 1 (AOB)**

PS: there are reported instances where an individual have their ACS assessments awards removed from the Gas Safe Registered.

The reason for the removal can be down to the ACS centre rather than the individual who holds them.

**Action IM: to contact Trevor Smallpeice regarding this query.**

**3. 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 to the 31<sup>st</sup> August 2019 and will be subject to discussions at the SCF:

**3.1. ISU 082: IGEM/GM/7A: Electrical connections for gas metering equipment. Published April 2018: Communication # 1803, replaces Edition 1 # 1731.**

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

**3.2. 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

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

Published August 2018 Edition 2 communication # 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

**3.4. 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

**3.5. 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 m<sup>3</sup>/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 6m<sup>3</sup> /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

**3.6. 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

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

Amendment to Standard Published January 2019

Clause 8.3 Ventilation Requirements

**3.8. ISU 090: 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

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

Introduction

Possible cause of corrosion

Use of Washing Up liquid

Methods to reduce the corrosion problem

Guidance

Review of ACS matters of gas safety assessments required:

- TWG to review

**3.10. 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.

**3.11. Frozen Condensate**

HHIC Paper to be considered at future TWG.  
The industry has TB 155 for guidance.

**4. Standards Setting Body re-tender**

Energy & Utility Skills are to extend their 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. It has been suggested by members of the SCF to set up a decision panel to assist with the procurement decision.

**5. Member Items**

**5.1. Commercial Catering Canopies (GTS)**

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

**5.2. Trailblazer Standards**

Paul Smoker updated the group regarding their apprentices that are currently undertaking a Gas engineering apprenticeship. The candidates have completed their ACS which takes place prior to the End Point Assessment, the categories for registration are to be CCN1, CKR1, LE11, LAU, LPG changeover, plus PD, RPH, LAV and Boats.

There has been issues regarding the training, as the candidates initially completed an IGEN/IG/1 approved training programme for domestic gas but completed a non-accredited programme for the LPG. However, as the programmes included on-site work experience the training programmes have been accepted for entry onto ACS. The underlying issue is that a training specification for LPG is not currently available but is being developed.

**5.3. 'How to Report Energy Theft' (Andy Cartlidge)**

AC provided the following link regarding 'How to Report Energy Theft':

<https://www.stayenergysafe.co.uk/stories/how-to-report-energy-theft/>

**6. 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 8<sup>th</sup> January – held to discuss the content of Guidance Note 8
- Wednesday 1<sup>st</sup> 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 group to participate on the 1<sup>st</sup> May should they wish to do so.

IM to provide update at the next GILG meeting (05.06.19)

SH (Cadent) raised potential issues they have with upskilling Service Layers to carry out purge and re-lights. As their operatives are new entrants to the Gas Safe Register they will be required to carry out a managed Learning Programme, build a portfolio of evidence and undertake ACS. Where this may not be a problem for Cadent it was noted that all processes need to be robust to ensure consistent deliver across centres. IM notified the group that these types of issues would be covered at the GN8 review meeting scheduled for the Wednesday 1<sup>st</sup> Mat 2019.

**7. IGEM/IG/1**

**7.1. LPG Training Specification**

IM notified the group that following a number of meetings with representatives of the LPG industry, the draft LPG training specification has now been produced to meet with industry demands. Toby Harris (Calor) has done a substantial amount of work and will be in a position to present to the wider group within the next couple of weeks.

**7.2. IGEM/IG/1 Governance**

IM Notified the group that following the publishing of IGEM/IG/1 in 2014, the standard is now up for review. IGEM are to facilitate the review and would welcome an involvement from the GILG to provide feedback to any proposed amendments.

**7.3. Gas engineering Training Standards inquiry**

Chris Bielby had recently informed the SMB that because of the good work and improvements that have been made by the industry with regard to training the review would not ask for further changes and stated anything that fits into or compliments the National Register requirements will be recognised. IGEM/IG/1 and the new Guidance Note 8 are noted improvements.

A National Register of all approved Training Centres would be rolled out via a Parliamentary Select brief in November 2019. At this launch Ian McCluskey (IGEM) will be asked to represent industry.

**8. Job Practice Analysis (ACS scheme).**

The JPA has now finally 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.

**9. AOB**

The following points were raised under Any Other Business:

- PP: broached the subject of Trainer competence, MG commented that currently in IGEM/IG/1 (under review) there is no formal arrangements for trainer competence or how this could be recognised or audited.
- Gas Safe Register, Defects, MG showed the latest information related to Inspection in the last year that can be attributed to gas work that was done. MG & BB have arranged a meeting to go through the list and collate the information, attempting to identify patterns or trends in these defects based on the MoG's competence assessment criteria.
- TD commented that prominent BSI Standards are not being updated or reviewed. MG will ask a question at BSI GSE 30 meeting (to be held on 8<sup>th</sup> April), what is the benchmark and threshold to update existing Standards.

**Date of next meetings: are to be held at EU Skills, Friars Gate, 1011, Stratford Road, Shirley, B90 4BN unless otherwise stated.**

**Wednesday 5<sup>th</sup> June 2019**

**Wednesday 11<sup>th</sup> September 2019**

**Wednesday 4<sup>th</sup> December 2019**