

# THE INSTITUTION OF GAS ENGINEERS AND MANAGERS

## Gas Quality Standard Working Group

16<sup>th</sup> May 2017

**PRIVATE AND CONFIDENTIAL**

**MINUTE NOS. 066 to 076**

The 7<sup>th</sup> Meeting of the Gas Quality Standard Working Group of the Institution of Gas Engineers and Managers was held at 10.00 a.m. on Tuesday 16<sup>th</sup> May 2017 at IGEM, IGEM House, Kegworth, Derbyshire, DE74 2DA.

### **066**

#### **ATTENDANCE**

There were present:

Angus McIntosh (AM)	SGN (Chairman)
Ross Anderson (RA)	ICOM
Kevin Bradley (KB)	Isle of Grain, LNG National Grid
Phil Bradwell (PB)	SGN
Martin Brown (MB)	DNVGL
Julie Cox (JC)	Energy UK
Mark Crowther (MC)	Kiwa Gastec
Stuart Gibbons (SG)	Cadent
Damien Heylen (DH)	Isle of Grain, LNG National Grid
Robyn Jenkins (RJ)	National Grid Transmission
Sarah Kimpton (SK)	DNV GL
Dave Lander (DL)	Dave Lander Consulting
Andy Lewis (AL)	Gas Innovation governance group
Stewart McEwen (SM)	HSE
Ian McCluskey (IM)	IGEM Head of Technical Services, Secretary
Neil McDonald (NM)	HHIC
David Mitchell (DM)	Chemical Industries Association
Martin Thompson (MT)	HSE/HSL
Nancy Thompson (NT)	SGN
Alex Webb (AW)	SGN
Tom Bancroft (TB)	IGEM Technical Officer

Apologies for absence were received from:

Ian Marshall, WWU; Graham McKay, BSI; Steve Sutton, HHIC; Jim Stancliffe, HSE; John Harris, National Grid

AM welcomed everyone to the meeting, introductions were made and the facilities information was given.

### **067**

#### **PAPERS CIRCULATED BEFORE THE MEETING**

IGEM-TSP-17-116 – BP Gas Quality Booklet

IGEM-TSP-17-117 – Gas Quality and Pipeline Crack Arrestment

IGEM-TSP-17-120– Marcogaz Proposal “Scenarios and Priorities for gas applications”

IGEM-TSP-17-121 – Marcogaz conversion of m<sup>3</sup> to kWh for non-conventional gases injected in the gas network

IGEM-TSP-17-122 – Marcogaz Workplan

IGEM-TSP-17-126 – Summary main results investigations on natural gas impact on gas applications

## **068**

### **MINUTES OF THE LAST MEETING**

- (a) The minutes of the last meeting were signed off as an accurate reflection of the meeting.

## **069**

### **WORKING GROUP FUNDING UPDATE**

AM gave an update on group funding – IGEM have to own standards to ensure validity, allow them to be used and to have full rights to set up governance. There is a variety of outputs including a database of prior studies/presentations and analysis with the intention that this will be available publicly. There is also the OFGEM piece on smarter networks portal. National Grid Transmission have some reservations about how the contract has been written. The next GIG meeting will assess the positions of everyone. There are also a number of work streams for example the peer review with Mark and Dave.

## **070**

### **I AND C RESEARCH PROJECT**

There has been lots of legal dialogue, the scope has been agreed and all networks are funding except WWU. The contract has been circulated, it is a standard template and should be relatively straight forward. IM to circulate the scope.

**ACTION: Ian McCluskey**

In terms of timescales it is not unusual for these things to take a while to finalise. Has been sanctioned by National Grid Transmission just waiting for Cadent and this will be tabled at the gas futures group.

In IGEM news GSMR needs mentioning in stuff that has gone out so far and there has been no proposals or decisions to change GSMR yet. ENA call for evidence didn't do that and a lot of people are unaware this is going on. JC to email contacts for the people she would like to be invited.

**ACTION: Julie Cox**

IM to circulate latest timelines.

**ACTION: Ian McCluskey**

## **071**

### **REVIEW OF PAPERS**

#### **REF PAPER:**

IGEM-TSP-17-116 – BP Gas Quality Booklet

IGEM-TSP-17-117 – Gas Quality and Pipeline Crack Arrestment

IGEM-TSP-17-120– Marcogaz Proposal "Scenarios and Priorities for gas applications"

IGEM-TSP-17-121 – Marcogaz conversion of m<sup>3</sup> to kWh for non-conventional gases injected in the gas network

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All of the papers that had been circulated before the meeting were discussed and it was decided these papers (particularly Marcogaz) were there for information and a database will be created to show details of each one. There will be a 6 monthly IGEM report to make clear the relevance and direction of the papers and a paragraph summary of what report entails on each paper.

**ACTION: Tom Bancroft**

## **072**

### **GAS QUALITY PIPELINE CRACK ASSESSMENT PRESENTATION**

Dave Lander gave a presentation on pipeline crack assessment which focused on:

- Impact on transmission pipeline cracks
- Velocity curves
- Not a wobbe index problem
- Further work needs doing but probably not in this group
- Project with National Grid about to finish – due end of May/June and should be ready for the next meeting
- Safety and reliability group to discuss pipeline crack propagation.

There was a detailed discussion on entry requirements and AM will circulate what SGN did on this issue.

**ACTION: Angus McIntosh**

## **073**

### **BIOMETHANE**

A discussion was had on the last slide regarding biomethane. IM to write to John Baldwin around the costs of ballasting.

**ACTION: Ian McCluskey**

RJ made a general point that the group needs to start explain costs and benefits to industry. IM to given an explanation in a paper.

**ACTION: Ian McCluskey**

## **074**

### **Martin Brown presentation Siloxanes**

MB gave a presentation to the group on siloxanes.

The aim of this study was to provide the technical basis for standards for silicone containing compounds in biomethane for domestic equipment installed in the UK by considering safety, appliance performance and gas usage.

Action on the group to give their thoughts on the study. Slides have been circulated and responses will be collated.

**ACTION: All**

## **075**

### **GSMR REVIEW**

Responses shared everything else was on the work covered by this group. Hydrogen will also be looked at an appropriate stage.

## **076**

### **ANY OTHER BUSINESS**

No other business

**077**  
**DATES OF MEETINGS FOR 2017**

Tuesday 26<sup>th</sup> July

END