

## Technical Bulletin – 10<sup>th</sup> December 2018

### Contents:

- A Message from the Managing Director
- RBAS Lodgement Stats – Nov '18
- Revised Audit Upload Deadline
- Lot20 storage heaters
- Vermiculite insulation
- Tele-switches
- Quidos Christmas Opening Hours



### A Message from the Managing Director



It's been an interesting year with the final nails in the Green Deal coffin being hammered tight, but this then leaves a vacant hole in the Government's policy for energy efficiency. We are closely following the progress of the "Each Home Counts" recommendations, and fully anticipate you all being involved in any new future energy efficiency advice framework. Search 'PAS2035' for further information.

This year, we saw the first PEPA energy assessor conference, and one we will again be supporting in February 2019. It is a great opportunity to witness an industry that can collectively share ideas, thoughts and concerns; with the organisers all being active competitors, it makes for a lively couple of days.

Quidos continues to fight your corner in terms of making the work you do more visible and desirable in consumer and the Government's eyes. We strive to bring about a more relevant auditing regime, and hence the energy certificates will not only be of better quality but more reflective of what property owners want, to aid them in their decisions for making a property more energy efficient.

*Piers Salama*

## RBAS Lodgement Stats – Nov '18

#	RBAS Trigger Description	# EPCs	# DEA	OCT # EPCs	OCT # DEA
1	No main heating system present, but mains gas supply present	12	11	7	7
2	Main building age band of L	47	28	46	27
3	Heating controls of boiler energy manager	0	0	1	1
4	Overridden U-Values for the main walls	8	5	39	10
6	No heating controls present, but main heating system is a gas (incl. LPG) or oil boiler	31	25	23	22
7	Ground floor of main building room height is <1.5m or >4m	9	8	11	11
8	Mechanical ventilation present in property built prior to 2003	28	12	25	16
9	Gas boiler main heating system and hot water from electric immersion	25	22	35	17
11	Age band A (pre-1900) with cavity walls	18	14	24	14
12	No access to the main building loft	1087	211	884	190
13	No access to hot water cylinder	96	48	168	54
15	Wall of any building part that has insulation type unknown	20	18	--	--
16	Floor of any building part that has insulation type unknown	27	21	--	--
17	Non-pitched roof or roof room of any building part has insulation type/thickness 'unknown'	47	35	--	--

We already have a number of assessors on their final warning before we would have to strike them off.

Please remember to double-check all of your data inputs before lodgement, and be doubly careful when it comes to lodgements of age band L dwellings.

### Revised Audit Upload Deadline

Due to the Christmas and New Year bank holidays, the audit reminder emails sent out by iQ-Energy will not be correct.

The deadline for all audit uploads will be 5pm on:

# Thursday 3<sup>rd</sup> January 2018

## Lot20 storage heaters

Lot20 is a European standard introduced in January 2018 for the manufacture of storage heaters. It specifies that manufacturers must include the following features within their storage heating products:

Since 1<sup>st</sup> January 2018, storage heaters must have:

1. Electronic heat charge control with room and/or outdoor temperature feedback or controlled by energy supplier
2. Electronic room temperature control plus week timer
3. Fan assisted output

The introduction of this standard is completely separate to whether a device is a high-heat retention storage heater.

As per RdSAP Convention 4.09: "A storage heater can be classified as high heat retention only if the brand name and model is location in the database [PCDB]."

Unless a Lot20 compatible device is specifically listed as a HHRSH, it should be input to iQ-Energy as the following:

Main Heating System	
<b>Main Heating Type</b>	
Heating Source *	Local Boiler or Heat Source ▾
Efficiency Source *	SAP 2012 Table 4a/4b ▾
Heating Fuel *	electricity ▾
<b>SAP 2012 Table 4a/4b</b>	
Heating Type *	Electric storage systems ▾
Heating Description *	Fan storage heaters ▾

## Vermiculite Insulation



In some older dwellings, DEAs might find vermiculite insulation within the loft. This is usually characterised as a gravel-like material filling between the joists of a loft space.

To model vermiculite insulation within RdSAP, the measured thickness of the insulation must be **HALVED**. This is because the thermal conductivity of the material is much worse than an equivalent thickness of wool-type insulation.

## Tele-switches

Some assessors might note that beside an electricity meter, they can be a large box wired into it with 'RADIO TELESWITCH' on it.

A radio tele-switch is a device that uses the same radio frequency as BBC Radio 4 Longwave to received signals from an electricity company enabling it to switch the charging rate of the meter.

These are a more advanced option to having a physical rate clock beside the meter, although these are now being updated to digital modems and mobile frequency devices. The example seen here is from a recent audit of a dwelling in Oxfordshire.

In line with RdSAP Convention 9.13, this would be considered as a dual rate meter.



## Quidos Christmas Opening Hours

*Have a Merry Christmas and  
a Happy New Year from everyone at*

# Quidos

The Quidos Main Office will be closed for the Christmas break for the following dates:

**CLOSED:** 22<sup>nd</sup> December 2018 - 1<sup>st</sup> January 2019

The office will be open as usual from 9am on  
2<sup>nd</sup> January 2019.

There will be limited online technical support for Energy Assessors over the Christmas period.

All queries should be submitted to the Support Log:  
<http://support.quidos.co.uk> or  
email [support@quidos.co.uk](mailto:support@quidos.co.uk)

## And finally...

Have a very merry Christmas, and prosperous New Year to all of our Energy Assessors – we wish you all the best for 2019.

**David Jones** – Scheme Quality Manager (PCQI)

**Billy Say** – Quality, Training & Support Administrator

**Jon McChesney** – Non-Domestic Support Expert