

To: David Bradbury[DavidBradbury@jswright.co.uk]
Cc: Granville Partlow[Granville.Partlow@wittandson.co.uk]; Alan Whyte[AlanWhyte@jswright.co.uk]
From: David Harrison
Sent: Wed 08/06/2016 12:32:00 PM
Subject: RE: Grenfell Tower

Hi David

We have reviewed your correspondence and would comment as follows: -

- 1.0 An anemometer measures velocity and not volume flow. As far as I am aware there are no products in the market place which can measure the volume flow rate, but I might be wrong. Should additional tests be required by the BC we are unable to accommodate the request on this occasion & suggest you contact a specialist organisation to fulfil BC requirements.
- 2.0 We do not understand why they will not accept the simple calculation we have put forward as this is a standard format in our industry not to mention the standard method in the HVCA industry.
- 3.0 Whilst there is a requirement for a smoke ventilators at the head of a stairwell, there are no requirements in any standards or codes of practices for there to be an automatic opening ventilator at the base of a stairwell for smoke ventilation purposes, therefore we are unsure the purpose of the request.
- 4.0 Our commissioning results show that the system is achieving the design requirement without an AOV at the base of the stair, therefore we consider there is no justification for this request or any additional testing.

As previously stated, if BC has information which we have not been a party to please send a copy for our evaluation / comment to advise but we trust the above helps in closure of the project?

Best Regards
David

From: David Bradbury [mailto:DavidBradbury@jswright.co.uk]
Sent: 07 June 2016 16:38
To: David Harrison <David.Harrison@psbuk.com>
Cc: Granville Partlow <Granville.Partlow@wittandson.co.uk>; Alan Whyte <AlanWhyte@jswright.co.uk>
Subject: RE: Grenfell Tower

Thanks David, unfortunately the windows in question are not linked to the BMS so we can't operate on fire signal.

Regarding the volume, I believe building control have requested the flow rates to be measured via a calibrated anemometer and not converted from the velocity. Please see attached email. If you have objections or concerns please let me know as soon as possible as we need to close this out. thanks.

Kind regards,

Dave Bradbury
Design Manager
Head Office

 



 [website](#)

From: David Harrison [mailto:David.Harrison@psbuk.com]
Sent: 07 June 2016 16:21
To: David Bradbury <DavidBradbury@jswright.co.uk>
Cc: Granville Partlow <Granville.Partlow@wittandson.co.uk>; Alan Whyte <AlanWhyte@jswright.co.uk>
Subject: RE: Grenfell Tower

Hi David

I understand the windows in question operate from the BMS which our system sends a fire signal to, we suggested that

you should use this facility.

Regarding the m³/s we have previously requested the dimensions to confirm the flow rates, which to date we have not received, can you please forward to enable us to convert.

Trust this helps?

Best Regards
David

From: David Bradbury [<mailto:DavidBradbury@jswright.co.uk>]
Sent: 07 June 2016 15:29
To: David Harrison <David.Harrison@psbuk.com>
Cc: Alan Whyte <AlanWhyte@jswright.co.uk>
Subject: Grenfell Tower
Importance: High

Hi David,

As per our telephone conversation, building control have issued the following statement (as on the attached):

5] Various openable windows within the main entrance lobby to Grenfell Tower area required to be linked to main powered ventilation system for the building, so that such windows open on operation of the system and provide makeup air at the bottom shaft for the system.

- a) Can you confirm if you agree with the above, and if so, how much air is required for make-up (for the ground and Mezz).
- b) Building control have also asked for the flow rates to be confirmed in m3/s? so therefore please issue the flow rates in m3/s.

Your earliest response would be appreciated.

Kind regards,

Dave Bradbury
Design Manager
Head Office



[website](#)

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