

**To:** David Harrison[David.Harrison@psbuk.com]  
**From:** Granville Partlow  
**Sent:** Fri 13/05/2016 8:01:05 AM  
**Subject:** Fwd: flow readings Grenfell Tower

I know you've got this mail but someone more knowledgeable than me needs to say how we can do this and what kit we need to satisfy BCO also purchase a calibrated spring gauge in newtons

Granville  
Sent from my Samsung mobile

-----Original message-----

From: Alan Whyte <AlanWhyte@jswright.co.uk>  
Date: 13/05/2016 7:54 am (GMT+00:00)  
To: David Harrison <David.Harrison@psbuk.com>  
Cc: Granville Partlow <Granville.Partlow@wittandson.co.uk>, Paul Featherston <PaulFeatherston@jswright.co.uk>  
Subject: RE: flow readings Grenfell Tower

David

To satisfy building control and the consultant and close out this job in your help with the points below.

Building control what measured flow rates at each high and low damper done with hoods and not calculated from the velocity vs free area.

The consultant what proof that each door does not each 100N of pull force.

We also need the revised des-ops including the new environmental strategy and the O & M information.

This will need PSB to attend with the correct calibrated kit for the flow readings and door pull tests, please advise of your first availability

I you do consider this additional to your scope, please provide cost.

Thanks in advance for you assistance.

Kind regards,

PSB00001140 0001

**PSB00001140/1**

Alan Whyte

Senior Contracts Engineer

Tel: [REDACTED] | Fax: [REDACTED] | Mob: [REDACTED] | Email: [alanwhyte\(S\).iswright.co.uk](mailto:alanwhyte(S).iswright.co.uk) | Web: [www.iswright.co.uk](http://www.iswright.co.uk)



One of the Leading Mechanical & Plumbing Design & Installation Companies in the UK  
Winners of the H&V Award for "Outstanding Contribution to the Industry 2013"

Head Office - J S Wright & Co Ltd, The Atlas Building, 16 Portland Street, Aston, Birmingham, B6 5RX  
London Office - J S Wright & Co Ltd, 1 Northumberland Avenue, London, WC2N 5BW Tel:

The contents of this email and any attachments are the property of J S Wright & Co Limited and are for the confidential use of the named recipient(s) only. They may be legally privileged and should not be communicated to or relied upon by any person without our express written consent. If you are not an addressee please notify us immediately at [mailto:iswright@iswright.co.uk](mailto:mailto:iswright@iswright.co.uk). Any files attached to this email will have been checked with virus detection software before transmission. However, you should carry out your own virus check before opening any attachment. J S Wright & Co Limited accepts no liability for any loss or damage which may be caused by software viruses.

Please Consider the Environment before Printing this E-mail

From: David Harrison [<mailto:David.Harrison@psbuk.com>]  
Sent: 11 May 2016 11:30  
To: Alan Whyte  
Cc: Granville Partlow  
Subject: RE: flow readings Grenfell Tower

Morning Alan

Please find attached the anemometer calibration certificate for the measured rates during our final commissioning.

Regarding the other points Granville has been trying to contact you on numerous occasions to discuss in detail so if you would give him a call it would be appreciated. Should you require any additional visits to site will require an additional PO in advance.

Best Regards

David

**From:** Alan Whyte [mailto:AlanWhyte@jswright.co.uk]  
**Sent:** 10 May 2016 11:12  
**To:** David Harrison <David.Harrison@psbuk.com>  
**Cc:** Granville Partlow <Granville.Partlow@wittandson.co.uk>; David Bradbury <DavidBradbury@jswright.co.uk>; Phil Leech <philleech@jswright.co.uk>; Paul Featherston <PaulFeatherston@jswright.co.uk>  
**Subject:** RE: flow readings Grenfell Tower

Good Morning David

We have a few requirements/ outstanding items to address to close out Grenfell Tower -

Building control have ask for measured flow rates in fire mode at each damper. This would be satisfied by a schedule of measured rates for all dampers at both high and low speeds with the use of an anemometer with a suitably size hood in relation to grill sizes, Anemometer calibration certificate will need to be provided

Max Fordhams need to see pull tests on each lobby door, carried out with fans in low speed to prove we are not exceeding 100NM. This would be satisfied by the a schedule of each door and a calibration cert for the force gauge used.

Building control have questioned the design of the ground and 1<sup>st</sup> floor, were there is no air path to the roof top penthouse louver. On these floors the fans run at high speed for a short time with an open door then reduce to low speed with the door open. In this scenario are we achieving the required face velocity of 2m/s across the open door? Please provide a statement/evidence.

Revised des-ops to include environmental operation

O & M information.

Could you come back to me on these items asap please.

Kind regards,

Alan Whyte

Senior Contracts Engineer

Tel: ■ ■ | Fax: | ■ Mob: || Email: alanwhyte@jswright.co.uk | Web: www.iswright.co.uk



One of the Leading Mechanical & Plumbing Design & Installation Companies in the UK

Winners of the H&V Award for "Outstanding Contribution to the Industry 2013"

Head Office - J S Wright & Co Ltd, The Atlas Building, 16 Portland Street, Aston, Birmingham, B6 5RX  
London Office - J S Wright & Co Ltd, 1 Northumberland Avenue, London, WC2N 5BW Tel: [REDACTED]

The contents of this email and any attachments are the property of J S Wright & Co Limited and are for the confidential use of the named recipient(s) only. They may be legally privileged and should not be communicated to or relied upon by any person without our express written consent. If you are not an addressee please notify us immediately at <mailto:jswright@iswright.co.uk> Any files attached to this email will have been checked with virus detection software before transmission. However, you should carry out your own virus check before opening any attachment. J S Wright & Co Limited accepts no liability for any loss or damage which may be caused by software viruses.

Please Consider the Environment before Printing this E-mail

**From:** Granville Partlow [<mailto:Granville.Partlow@wittandson.co.uk>]  
**Sent:** 06 May 2016 12:39  
**To:** Alan Whyte  
**Cc:** David Harrison  
**Subject:** flow readings Grenfell Tower

Hi Alan

If you want the flow readings for the above you need to let me have the grille sizes and the lobby door sizes if you want the open door values in m3/sec

Best Regards

*Granville Partlow*  
**Commissioning Manager**

**Witt & Son UK Holdings**  
**Fan Systems Group**

**Witt & Son UK**

Witt House  
Shelf Mills  
Shelf  
Halifax  
HX3 7BJ  
England

Tel [REDACTED]  
Fax [REDACTED]

PSB00001140 0004

PSB00001140/4

If you are an unauthorised recipient of this email, you are requested to preserve the identity of it and advise the sender immediately of any error in transmission. Any disclosure, copying, distribution or action taken, or omitted to be taken, by an unauthorized recipient in reliance upon the contents of this e-mail is prohibited and may be unlawful. You should carry out your own virus checks before opening any attachment. The contents of any attachment may contain software viruses which could damage your own computer system. While the Witt UK Group has taken every reasonable precaution to minimise this risk, we cannot accept liability for any damage which you may sustain as a result of software viruses. Please note that in replying to this e-mail you are granting the right for that reply to be forwarded to any other individual within the business and externally and to be read by others, for instance in the event that the intended recipient is out of the office or is no longer employed by us.

This e-mail has been scanned for all viruses by Claranet. The service is powered by MessageLabs. For more information on a proactive anti-virus service working around the clock, around the globe, visit;  
<http://www.claranet.co.uk>

This e-mail has been scanned for all viruses by Claranet. The service is powered by MessageLabs. For more information on a proactive anti-virus service working around the clock, around the globe, visit:  
<http://www.claranet.co.uk>