

To: Granville Partlow[Granville.Partlow@wittandson.co.uk]
From: David Harrison
Sent: Wed 09/12/2015 2:14:59 PM
Subject: FW: Grenfell Tower

Heads Up.

From: Hugh Mahoney
Sent: 09 December 2015 12:57
To: Jonathon Earl <JonathonEarl@jswright.co.uk>
Cc: Tim Haigh <Tim.Haigh@psbuk.com>; Bob Hill <Bob.Hill@psbuk.com>; David Harrison <David.Harrison@psbuk.com>
Subject: Grenfell Tower

Hi John,
Good to talk.

We anticipate having a pair of men on site for just under two weeks and our price includes board lodge and travelling.
In addition upon completion test certificate's and compliance documentation will be provided.

Basic breakdown of our commissioning work activities as follows (we have to take readings on every floor for both smoke ventilation and environmental ventilation):

Mechanical Smoke Control System to Firefighting Shaft

Static Checklist			Activation Checklist		
	O.K.	Not applicable	Cause and Effect Check List	O.K.	Not applicable
Axial fan terminations checked	A		Control panel put into operation	A	
Smoke detector terminations checked	A		Interlink with smoke detectors checked	A	
Pressure sensor terminations checked	A		interlink with pressure sensors checked	A	
Override switches terminations checked	A		interlink with fire override switches checked	A	
Battery terminations checked	A		Interlink with fans checked	A	
Interface module terminations checked	A		Interlink with interface modules checked	A	
Main panel terminations checked	A		Switching diagram checked	A	

Mimic panel terminations checked	A	Interlink with all dampers checked	A
Standby power changeover links checked		Interlinks with standby power checked	A

Remarks

1. The smoke detectors in each lobby are activated with artificial smoke and velocity readings are taken at each lobby ventilation grille location and across the open stairwell to lobby door.
2. The stairwell door will open at the time the grille readings were taken
3. Pressure sensors connected across the stairwell/lobby (open door condition) provided a signal to the control system which switched the fan from low speed to high speed
4. With the HMI panel override switch activated the individual floor key override switch opened the damper and activated the fan
5. The smoke detector head will be removed from the relay base, after the test, and cleared of the artificial smoke.

Once the smoke detector head was placed back into the relay base the system went back to standby mode and the fans were de-energised and the damper closed automatically.
6. The duty fan will be electrically isolated and the standby fan automatically started
7. Auot- changeover on power failure checked.
8. Repeat the above for Environmental operation.

If you require any further information please let me know.

Regards

Hugh Mahoney
 Technical Sales Manager

PSB UK Ltd

Witt House
 Shelf Mills
 Shelf
 Halifax
 HX3 7BJ
 England

 Tel +
 Fax +
 Mob

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