

10. 11-6-2015 request from BC to amend wording on Smoke control proposals

Phil Leech

From: David Bradbury
Sent: 11 June 2015 10:31
To: Hugh Mahoney
Subject: Grenfell AOV Building Control Comment

Importance: High

Hugh,

Paul Hanson from Building Control has just called, can we let him know asap if we mean the statement highlighted in yellow or can it be deleted and resubmitted. He wants us to basically delete it as it doesn't tie in with what we have discussed with him. If we can respond quickly, we can avoid him rejecting the TS. Thanks.

1.1.2 Smoke Control Proposals

The Final smoke control system has been designed to provide the existing stairwell with protection from the Ingress of smoke, from a fire within a dwelling, by means of a mechanical extract system. The system has been designed to provide an average open door velocity, across an open lobby/stairwell door of 2.0m/s. This velocity is in accordance with the recommendation for a Class B pressure differential system as defined in Code of Practice BSEN12101 Part 6: Specification for pressure differential systems — Kits. (bsen12101-6)

It should be noted that as the system is designed to extract air from the lobby, via the open stairwell door, the system is not designed to comply with all the requirements of the aforementioned Code of Practice.

The smoke control measures in the lobby areas will be implemented in two phases. Phase 1 will be to re-instate the natural smoke ventilation system consisting, of two natural smoke extract shafts and two natural air inlet shafts, with new motorised dampers in each lobby complete with a Programmable Logic Control System (PLC)

Kind regards,

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