

[859] THE WESLEY, EUSTON:**15.10.13. DUCTWORK ACOUSTIC STATEMENT**

This statement has been prepared to accompany the proposed lift shaft enclosure planning application at the Methodist International Centre, and should be read in conjunction with all other documentation. The proposed enclosure will affect the existing ductwork currently assumed to be serving the kitchen and conference facilities. The largest duct will be relocated and grouped together with the two adjacent ducts.

Prior to any construction work being undertaken; the Methodist International Centre will undertake an environmental noise survey in order to measure the prevailing background noise climate at the site in its current operation. The background noise data will then be used to ensure that there is no increase of plant noise through the re-diversion of the existing ductwork. This will form part a contractual obligation by the party responsible for undertaking the project construction work.

All Measurements will be made generally in accordance with the requirements of ISO 1996-2:2007 Acoustics - Description, measurement and assessment of environmental noise – Part 2: Determination of environmental noise levels.

The noise emission shall be monitored from one set location for 24 hours and the results split into three distinct periods:

- Day time 07:00 - 19:00
- Evening time 19:00 - 23:00
- Night time 23:00 - 07:00

Post construction work; the Methodist International Centre will undertake a second environmental noise survey to ensure that no increase of plant noise through the re-diversion of the existing ductwork has occurred.