

Acoustics, Ventilation and Overheating Guide launch & workshop

Thursday 30th January 2020 at CIEH, 15 Hatfields, London SE1 8DJ

The long-awaited Acoustics, Ventilation & Overheating: Residential Design Guide (“AVO Guide”) will be published in December 2019. Come to this workshop to hear about the content of the AVO Guide, and learn how to apply the guidance in practice. This event is aimed at acoustic practitioners who may need to assess or understand the potential impact of noise on residential development - e.g. acoustic consultants and local authority officers. You will leave with an understanding of how to consider the guidance for noise and ventilation, and for noise & mitigating overheating in residential developments.

PRESENTATIONS

The morning will involve a review of the AVO guidance. This includes how the guidance fits within the current government policy on noise in England, and a reminder of the gaps in guidance that the AVO Guide fills. The acoustic environment is considered in the context of continuously providing ventilation for good indoor air quality while occupied, as well as mitigating overheating as and when required. These two separate parts to the assessment of acoustic conditions in residential accommodation are described, along with the proposed noise guidelines. The implications and constraints of different ventilation strategies will be explained. The AVO Diagram will be introduced, along with an explanation of its application in considering the noise levels with the duration of exposure while mitigating overheating.

WORKSHOP SESSIONS

The afternoon will involve two workshops sessions, in which participants will work in groups with a facilitator who will assist if required. In the first session, you will understand how to calculate the implications for the sound insulation of the various building envelope elements when adopting different ventilation strategies. Consideration of the continuous equivalent, LAeq, T and maximum LAF,max levels for both the ventilation assessment and overheating assessment will be demonstrated. In the second session, you will consider a larger development of multiple dwellings exposed to different noise levels. You will learn how to approach the assessment for a complex situation. You will leave the workshop equipped to apply the guidance in the AVO Guide across a range of projects.

TIMINGS: 9.30am registration, event finishes 4.30pm on 30th January 2020 (5.5 hours CPD)

DELEGATE FEE: includes refreshments and lunch

£130 plus VAT = £156 per person, covers ANC, IOA and CIEH members

£190 plus VAT = £228 per person for non members

Please complete and return the booking form with payment details to reserve your places.