

Structural Engineering Consultant



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Book Your Free Online CPD Point Presentation Today In response to COVID-19 and social distancing requirements, we are pleased to be offering remote CPD presentations to architects who wish to further their professional development during this time. Our CPD presentation is directly linked to the Earthquake Standard AS1170.4 Section 8: Non-Structural Elements, "How to achieve an internal seismically compliant design." Note: Our 1 hour presentation equates to 1 CPD point. <https://bvtengineering.com/cpd-point-presentations> SEISMIC BRACING OF SUSPENDED CEILINGS: 3 COMMON METHODS When it comes to designing suspended ceilings to withstand seismic loads, there are a number of solutions to consider. But which one is best? The answer is largely dependent on the nature of the project at hand. When considering seismic bracing solutions, here are some of the key things to consider: Differential movement between the ceiling and the building structure. The weight of the ceiling, and therefore magnitude of seismic loads. Design of the system to withstand horizontal seismic loads. Transferring these loads back to the building structure through seismic bracing. There are 3 common methods used to seismically brace suspended ceilings Source Link: <https://bvtengineering.com/news-resources/seismic-bracing-of-suspended-ceilings-3-common-methods> <https://www.onestoptrade.co.nz/services/3389/bvt-engineering>