

O5A.5

The Seismic Assessment of Existing Buildings: The Interface Between Technical and Regulatory Processes

Rob Jury¹, Dave Brunsdon²

¹Beca Ltd., Wellington, New Zealand ²Kestrel Group, Wellington, New Zealand

The engineering guidelines for the seismic assessment of existing buildings have been fully revised to operate under the Building Amendment Act 2016 and regulations, and will be released in June. For assessing whether or not a building is earthquake prone under the Building Amendment Act 2016, the methods outlined in the new engineering guidelines must be used.

As well as outlining a more consistent technical approach to Detailed Seismic Assessments, and providing better coverage for low-rise buildings, the new guidelines place considerable emphasis on more uniform reporting of assessment outcomes.

This presentation will cover how the engineering guidelines will interface with MBIE's new EPB methodology, and the associated technical issues for engineering practitioners.