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Liquefaction lessons - Issue 95

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Abbreviation
Liquefaction lessons - Issue 95
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Information provider
Ministry of Business, Innovation and Employment
Information type
CodeWords article
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Website

Description

Following a 2-year transition period, Acceptable Solution B1/AS1 will no longer be used for foundations on land prone to liquefaction. Foundations will be consented as a Verification Method or Alternative Solution.

New Zealand is a high earthquake hazard region, and earthquake considerations are integral to the design of the built environment. Liquefaction is a real risk (especially to buildings) as it can result in settlement, tilting, stretching and damage to services and utilities.

Scope

This article includes:

- What is liquefaction?
- What are its effects?
- Lessons from Christchurch
- Building Code change to foundations
- Some cost concerns raised
- 2-year transition period
- Quiz

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