

Consulting Advice Note

Date	12 August 2025
From	Jon Styles
To	Bevan Hudson, Anna Price
Project	RC14513(L) - Glen Isla Dune Coastal Protection Society
Re	Agreed vibration limit condition

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I have liaised with Mr Whitlock for the applicant and we have agreed on the following update to condition 60. This version of the condition includes numerical limits as requested by the hearings panel in questions to Mr Whitlock.

Our agreed version of condition 60 is set out below:

60. *Construction vibration must be measured and assessed, and comply with the guideline peak particle velocity (PPV) values set out in, the German Industrial Standard DIN 4150-3:2016: 'Vibrations in buildings – Part 3: Effects on structures' (DIN4150) at all times. These guideline PPV values for dwellings are:*

For “short-term” vibration sources:

- 5 mm/s for frequencies between 0 – 10 Hz
- 5 – 15 mm/s PPV for frequencies between 10 – 50Hz
- 15 – 20mm/s for frequencies ranging from 50 – 100Hz

For “long-term” vibration sources:

- 5 mm/s for all frequencies.

The DIN4150 standard defines “short-term” and “long-term” vibration.

Jon Styles