

Memorandum

ARUP

To	Travis Searle	Date	26/04/2021
Copies	Samuel Grieve	Reference number	
From	Pranav Rawal	File reference	
Subject	Campbelltown Hospital Redevelopment: Summary of Recently Recorded Vibration Data		

This memo summarises the vibration data collected over the past week of 18/04/2021 to 24/04/2021 at the Medical Imaging Facility at Campbelltown Hospital.

Figure 1 below shows the measured vibration levels at the Medical Imaging Facility and is presented against various acceptability criteria. For reference, the current trigger level, based on typical equipment is $V_{RMS} = 0.0375$ mm/s.

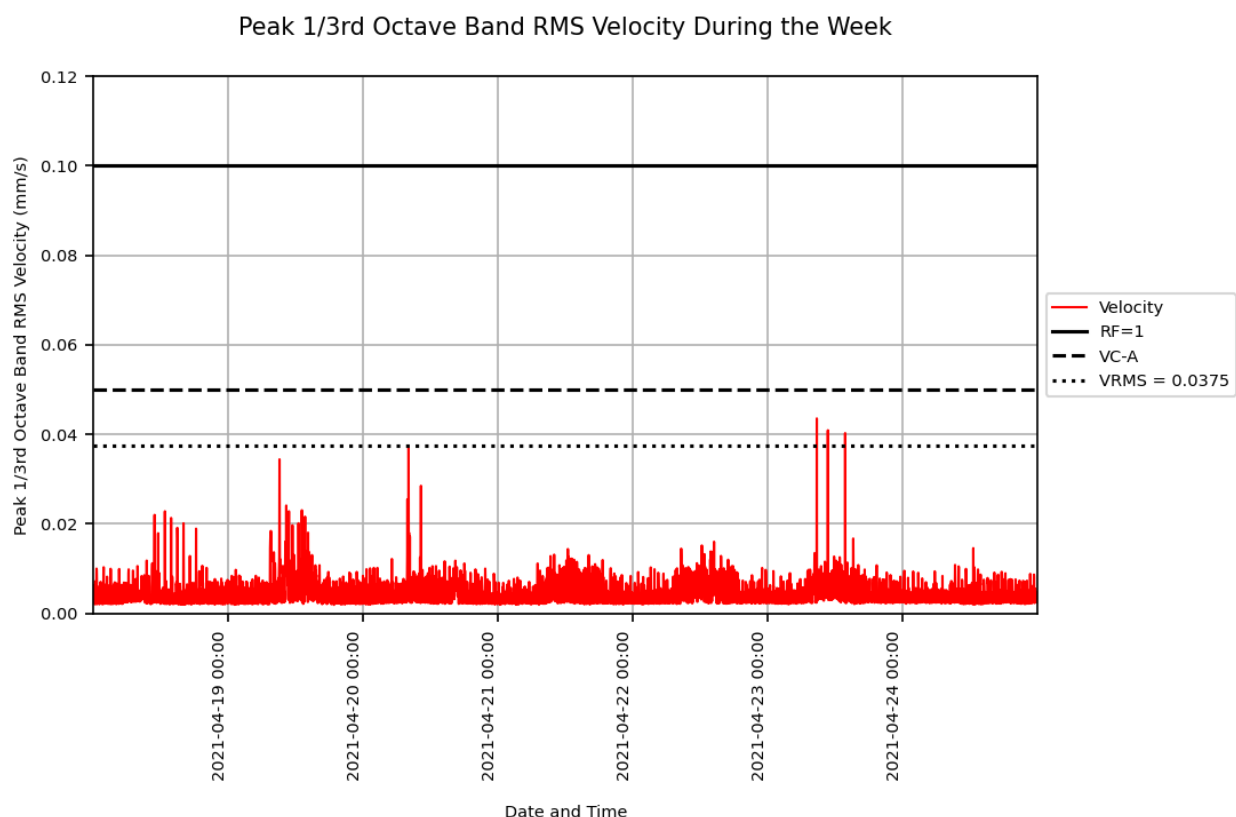


Figure 1: Measured vibration levels for 18/04/2021 to 24/04/2021 at the Medical Imaging Facility

All events that exceed the trigger level during the monitored period are reported below.

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Table 1: Table of events exceeding acceptability criteria

Date	Peak 1/3rd Octave Band V_{RMS} Vibration Level (mm/s)
23/04/2021 08:44	0.0436
23/04/2021 10:42	0.0409
23/04/2021 13:47	0.0403

Further investigations of vibration patterns at times of exceedances can be performed upon request.