

Chapter B9

Ground-based Noise and Vibration



Summary of key findings:

The construction and operation of Melbourne Airport's Third Runway (M3R) will create different ground-based noise emissions during each phase.

A detailed assessment has predicted the likely impacts of a worst-case scenario.

Construction-noise impacts will be minimised by incorporating mitigation measures in the Construction Environmental Management Plan (CEMP).

A small exceedance of operational noise objectives is predicted post opening of M3R with similar noise levels predicted in future scenarios.

Vibration generated by construction activities is unlikely to exceed relevant criteria promulgated by contemporary guidelines. This is owing to the relatively large distances between vibration-generating activities and offsite receivers.