



Noise Management Plan Tour 2014

Circus Royale is a traditional tented circus event. The Circus Royale event has social and cultural value. The noise associated with building up the temporary event and the performance staged can result in low-level audible noise at neighbouring or nearby premises, particularly where these are residential premises.

Tour management has implemented an event management strategy that balances protection of the acoustic amenity of neighbouring residents with the rights of the broader community to enjoy this significant event.

Tour Management implements this noise management and minimization plan for each performance venue. This plan incorporates the following minimum noise mitigation measures:

- All practical steps be taken to silence transport and construction equipment during the build up and tear down of temporary structure at each circus venue / location.
- Transport arrival schedules to consider location specifics and minimise noise impact on local residents. All vehicles to be promptly parked and engines turned off.
- No work outside hours if construction work is audible at the nearest sensitive place. Animal unloading and fencing noise to be minimized and limited to essential works only if outside hours.
- Event construction work is restricted to the hours of 7:30 am – 8:00 pm Monday to Sunday.
- All mobile plant and equipment used on event sites to be maintained in an efficient condition and operated in a proper manner with view to noise minimization.
- All personnel in Circus Village and working on site to be regularly instructed in noise minimization
- All equipment used at circus site to have evidence of compliance with recommended noise levels as outlined in Australian Standards, State Guides or Local Council directions.
- Tour Management to maintain a noise complaints register and investigate if a community complaint regarding excessive noise or vibration is received.
- Review this Noise Management Plan periodically to ensure it remains appropriate to construction and performance activities.
- Implement a community notification program informing local residents of the circus event schedule, and alerting them to performance duration and staging times and complaint contact points.

Performance noise is principally the public address (PA) system. Crowd noise is intermittent only and not considered an intrusive noise.

- The PA system is fully contained within the closed big top tent.
- Speakers are in fixed positions directly facing the grandstand seating platforms.
- PA system broadcasts a consistent music soundtrack and reasonably consistent commentary by a Ringmaster.
- The only variable with the PA system is the level of amplification.
- Noise measuring equipment is located at audio mixing console and audio controller monitors levels. Levels are pre set and are consistent at each venue on tour.
- Noise levels at points surrounding event site are monitored once during each series of performances.
- PA noise measured as an $L_{10}15\text{min}$ set to be less than 45 dBA when measured at external site boundary.

Equipment held: The Compact Digital Sound Level Meter (SPL) measures both A and C weightings. Level Range Low: 30-100dB. Level Range High: 60-130dB +/- 1.5dB. Frequency Range: 31.5 to 8,000Hz. Frequency Weighting: A, C. Time Weighting: Fast, Slow.