

# APP4 – Ngā Paerewa Haunene e Whakaaetia ana

## APP4 – Permitted Noise Standards

### Permitted Noise Standards

Note: The tables below provide the permitted noise limits for noise generated from activities undertaken within zones excluding fixed plant noise (see APP5) as measured within the boundary of any site within the specified receiving zones or sites. Sound levels are to be measured in accordance with New Zealand Standard 6801:2008 *Acoustics - Measurement of Environmental Sound* and assessed in accordance with New Zealand Standard 6802:2008 *Acoustics - Environmental Noise*.

Table 13 – APP4:	<b>Noise from activities within the:</b> <ul style="list-style-type: none"> <li>• <b>Commercial and Mixed Use Zone Group</b> (defined as listed below)</li> <li>• <b>Waterfront Zone</b></li> <li>• <b>General Industrial Zone</b></li> <li>• <b>Tertiary Education Zone</b></li> <li>• <b>Stadium Zone</b></li> <li>• <b>Hospital Zone</b></li> <li>• <b>Corrections Zone</b></li> <li>• <b>Quarry Zone</b></li> <li>• <b>Future Urban Zone</b> (see Note 1)</li> <li>• <b>Medium and High Density Residential Zones</b> (see note 2)</li> <li>• <b>Large Lot Residential Zone</b> (see note 2)</li> <li>• <b>General Rural Zone</b> (see note 3)</li> </ul> <p>Shall comply with the following noise limits, as measured within the boundary of any site within the specified receiving zones, other than the noise emission site:</p>			
Receiving zone	All days 7:00am to 7:00pm	All days 7:00pm to 10:00pm	All days 10:00pm to 7:00am	All days 10:00pm to 7:00am
Medium Density Residential Zone	50 dB LAeq (15 min)	45 dB LAeq (15 min)	40 dB LAeq (15 min)	65 dB LAfmax
High Density Residential Zone	50 dB LAeq (15 min)	50 dB LAeq (15 min)	40 dB LAeq (15 min)	70 dB LAfmax
Large Lot Residential Zone	50 dB LAeq (15 min)	45 dB LAeq (15 min)	40 dB LAeq (15 min)	65 dB LAfmax

<u>Commercial and Mixed Use Zone Group:</u> (see Note 4) <ul style="list-style-type: none"> <li>• Neighbourhood Centre Zone</li> <li>• Local Centre Zone</li> <li>• Commercial Zone</li> <li>• Mixed Use Zone</li> <li>• Metropolitan Centre Zone</li> <li>• City Centre Zone</li> </ul>	60 dB LAeq (15 min)	60 dB LAeq (15 min)	60 dB LAeq (15 min)	85 dB LAFmax
Waterfront Zone	60 dB LAeq (15 min)	60 dB LAeq (15 min)	60 dB LAeq (15 min)	85 dB LAFmax
General Industrial Zone	65 dB LAeq (15 min)	65 dB LAeq (15 min)	65 dB LAeq (15 min)	85 dB LAFmax
<u>Open Space and Recreation Zone Group:</u> <ul style="list-style-type: none"> <li>• Wellington Town Belt Zone</li> <li>• Natural Open Space Zone</li> <li>• Open Space Zone</li> <li>• Sport and Active Recreation Zone</li> </ul> Hospital Zone Tertiary Education Zone Stadium Zone Corrections Zone	60 dB LAeq (15 min)	60 dB LAeq (15 min)	60 dB LAeq (15 min)	75 dB LAFmax
General Rural Zone Future Urban Zone	55 dB LAeq (15 min)	55 dB LAeq (15 min)	55 dB LAeq (15 min)	75 dB LAFmax
<p><u>Note 1.</u> Noise limits applying to activities taking place within Future Urban Zone (FUZ) Activity Areas shall be the relevant Table 13 limit consistent with the type and nature of the Activity Area specified within the relevant Development Plan (see district plan Part 3 – Area Specific Matters / Development Areas). For example, noise limits for a FUZ General Industrial <u>Activity Area</u>, are the same as for a General Industrial <u>Zone</u> elsewhere.</p> <p><u>Note 2.</u> Table 13 noise limits apply only in relation to noise from non-residential activities undertaken within any site located in the Large Lot Residential Zone, Medium Density Residential Zone or High Density Residential Zone.</p> <p><u>Note 3.</u> Table 13 noise limits for permitted activities in the Rural General Zone only apply to noise received only in the Medium Density Residential Zone. Additional noise limits applying in the Rural General Zone are set out in Table 14 below.</p> <p><u>Note 4.</u> Where it is impractical to measure outside the building on any site within any zone listed in the 'Commercial and Mixed Use Zone Group', measurements may be made indoors within habitable receiver rooms (with windows closed). Where indoor measurements are undertaken, compliance with the above noise limits shall be determined by adopting the above limits reduced by 15dB. Where habitable rooms have been noise insulated to protect noise-sensitive uses (including residential use), then compliance determined indoors shall not allow activities to increase noise emission levels above those that would apply if the noise insulation had not been undertaken.</p>				

Table 14 – APP4:	<b>Noise from activities within the:</b> <ul style="list-style-type: none"> <li>• <b>Open Space and Recreation Zone Group</b> (as listed in Table 13)</li> <li>• <b>Commercial and Mixed Use Zone Group</b> (as listed in Table 13)</li> <li>• <b>Waterfront Zone</b></li> <li>• <b>General Industrial Zone</b></li> <li>• <b>Tertiary Education Zone</b></li> <li>• <b>Stadium Zone</b></li> <li>• <b>Hospital Zone</b></li> <li>• <b>Corrections Zone</b></li> <li>• <b>General Rural Zone</b></li> <li>• <b>Future Urban Zone</b></li> <li>• <b>Medium and High Density Residential Zones</b> (see note 1)</li> <li>• <b>Large Lot Residential Zone</b> (see note 1)</li> </ul> <p>Shall comply with the following noise limits, as measured within the notional boundary to any building housing a noise sensitive activity in the specified receiving zones:</p>		
<b>Receiving zone</b>	<b>All days 7:00am to 8:00pm</b>	<b>All days 8:00pm to 7:00pm</b>	<b>All days 8:00pm to 7:00am</b>
General Rural Zone	45 dB L <sub>Aeq</sub> (15 min)	35 dB L <sub>Aeq</sub> (15 min)	60 dB L <sub>AFmax</sub>
Future Urban Zone	45 dB L <sub>Aeq</sub> (15 min)	35 dB L <sub>Aeq</sub> (15 min)	60 dB L <sub>AFmax</sub>
Large Lot Residential Zone	50 dB L <sub>Aeq</sub> (15 min)	45 dB L <sub>Aeq</sub> (15 min)	65 dB L <sub>AFmax</sub>
<u>Note 1.</u> Table 14 noise limits apply only in relation to noise from non-residential activities undertaken within any site located in the Large Lot Residential Zone, Medium Density Residential Zone or High Density Residential Zone.			

<b>Table 15 – APP4:</b>		<b>Noise from activities taking place in the Open Space and Recreation Zone Group (as defined in Table 13):</b>			
	<b>Shall comply with the following noise limits, as measured within the boundary of any site within the specified receiving zones, other than the noise emission site:</b>				
<b>Receiving zone</b>	<b>All days 7:00am to 7:00pm</b>	<b>All days 7:00pm to 10:00pm</b>	<b>All days 10:00pm to 7:00am</b>	<b>All days 10:00pm to 7:00am</b>	
Medium Density Residential Zone	55 dB LAeq (15 min)	55 dB LAeq (15 min)	45 dB LAeq (15 min)	75 dB LAFmax	
High Density Residential Zone	55 dB LAeq (15 min)	55 dB LAeq (15 min)	45 dB LAeq (15 min)	75 dB LAFmax	
Large Lot Residential Zone	55 dB LAeq (15 min)	55 dB LAeq (15 min)	45 dB LAeq (15 min)	75 dB LAFmax	
<u>Commercial and Mixed Use Zone Group:</u> (as defined in Table 13)	60 dB LAeq (15 min)	60 dB LAeq (15 min)	60 dB LAeq (15 min)	85 dB LAFmax	
Waterfront Zone	60 dB LAeq (15 min)	60 dB LAeq (15 min)	60 dB LAeq (15 min)	85 dB LAFmax	
General Industrial Zone	65 dB LAeq (15 min)	65 dB LAeq (15 min)	65 dB LAeq (15 min)	85 dB LAFmax	
Quarry Zone	65 dB LAeq (15 min)	65 dB LAeq (15 min)	65 dB LAeq (15 min)	85 dB LAFmax	
General Rural Zone Future Urban Zone	55 dB LAeq (15 min)	55 dB LAeq (15 min)	55 dB LAeq (15 min)	75 dB LAFmax	

<b>Table 16 – APP4:</b>		<b>Port Noise <u>emitted</u> from activities within the Port Zone must not exceed the following limits:</b>	
At any point on land at, or beyond the Port Noise Control Line: noise from port related activities must not exceed these levels	<b>Day-night 24-hour periods</b>	<b>Night time (10pm to 7am)</b>	
	65 dBA L <sub>dn</sub> (5 day) 68 dBA L <sub>dn</sub> (1 day)	60 dB LAeq (9 hr) 65 dB LAeq (15 min) 85 dB LAFmax	
Note: Measurements must be made in accordance with the requirements of NZS 6801:2008 <i>Measurement of environmental sound</i> and NZS6809:1999 <i>Port Noise Management and Land Use Planning</i> .			