

## AMR – Amateur radio

### Rules

<b>AMR-R1</b>	Antennas associated with amateur radio configurations	
All zones	<p><b>(1) Activity status: PER</b></p> <p><b>Activity-specific standards:</b></p> <p>(a) Antennas associated with amateur radio configurations that comply with all of the following:</p> <p>(i) Where attached to a building or other structure (including a mast):</p> <p>(1) The maximum diameter is 2m for an antenna dish;</p> <p>(2) The maximum area is 2m<sup>2</sup> in area for a panel antenna;</p> <p>(3) The maximum dimension in any direction is 2m for a panel antenna;</p> <p>(4) The antenna must not overhang a site boundary;</p> <p>(ii) One pedestal-mounted antenna per site that meets the following:</p> <p>(1) The antenna is pivoted less than 4m above the ground;</p> <p>(2) The maximum diameter is 5m;</p> <p>(3) Complies with the setback and height in relation to boundary requirements of the relevant zone;</p> <p>(iii) Are not located within an Identified Area; and</p> <p>(iv) Is not located on a road, or unformed road.</p>	<p><b>(2) Activity status: RDIS</b></p> <p><b>Where:</b></p> <p>(a) Amateur radio configurations that do not comply with one or more of the standards of AMR-R1(1), that are</p> <p>(i) Not located within an Identified Area; and</p> <p>(ii) Not located on a road, or unformed road.</p> <p><b>Council’s discretion is restricted to the following matters:</b></p> <p>(b) The bulk, form, scale, location and number of antennas, aerials and supporting structures;</p> <p>(c) Location on site; and</p> <p>(d) Visual, streetscape and amenity effects.</p> <p><b>(3) Activity status: DIS</b></p> <p><b>Where:</b></p> <p>(a) Compliance is not achieved with the standards of Rule AMR-R1(2).</p>
<b>AMR-R2</b>	Aerials associated with amateur radio configurations	
All zones	<p><b>(1) Activity status: PER</b></p> <p><b>Activity-specific standards:</b></p> <p>(a) Aerials associated with amateur radio configurations that comply with all of the following:</p> <p>(i) Any of the elements making up the aerial do not exceed 80mm in diameter;</p>	<p><b>(2) Activity status: RDIS</b></p> <p><b>Activity-specific standards:</b></p> <p>(a) Amateur radio configurations that do not comply with one or more of the standards of AMR-R2(1), that are</p> <p>(i) Not located within an Identified Area; and</p>

	<ul style="list-style-type: none"> <li>(ii) For horizontal HF yagi aerials, the maximum element length does not exceed 14.9m, and the boom length does not exceed 13m;</li> <li>(iii) No part of the aerial (including aerial wires) overhangs a site boundary;</li> <li>(iv) The setback standards applying to buildings in the applicable zone, except that aerial wires are not required to comply with the setback standards;</li> <li>(v) No part of the aerial exceeds the maximum stated height applying to buildings in the applicable zone by more than 2m (except for vertical aerials as provided for in Rule AMR-R2(1)(a)(vi));</li> <li>(vi) For vertical aerials, one vertical aerial to a maximum height of 20m, measured from the natural ground level immediately below the structure, provided there is only one vertical aerial or one supporting structure (and attached aerial(s) or antenna(s) under Rule AMR-R3(1)(a)(iii) per site that exceeds the maximum stated height applying to buildings in the applicable zone by more than 2m;</li> <li>(vii) Are not located within an Identified Area; and</li> <li>(viii) Is not located on a road, or unformed road.</li> </ul>	<ul style="list-style-type: none"> <li>(ii) Not located on a road, or unformed road.</li> </ul> <p><b>Council’s discretion is restricted to the following matters:</b></p> <ul style="list-style-type: none"> <li>(b) The bulk, form, scale, location and number of antennas, aerials and supporting structures;</li> <li>(c) Location on site; and</li> <li>(d) Visual, streetscape and amenity effects.</li> </ul> <p><b>(3) Activity status: DIS</b></p> <ul style="list-style-type: none"> <li>(a) Compliance is not achieved with the standards of Rule AMR-R2(2).</li> </ul>
<p><b>AMR-R3</b></p>	<p>Support structures associated with amateur radio configurations</p>	
<p>All zones</p>	<p><b>(1) Activity status: PER</b></p> <p><b>Activity-specific standards:</b></p> <ul style="list-style-type: none"> <li>(a) Support structures associated with amateur radio configurations that comply with all of the following: <ul style="list-style-type: none"> <li>(i) For wire aerials of less than 115mm in outside diameter, no more than six support poles per site provided that:</li> </ul> </li> </ul>	<p><b>(2) Activity status: RDIS</b></p> <p><b>Where:</b></p> <ul style="list-style-type: none"> <li>(a) Amateur radio configurations that do not comply with one or more of the standards of AMR-R3(1), that are <ul style="list-style-type: none"> <li>(i) Not located within an Identified Area; and</li> <li>(ii) Not located on a road, or unformed road.</li> </ul> </li> </ul>

	<p>(1) The maximum height of the support poles is the maximum building height applying in the zone in which they are located;</p> <p>(2) The setback and height in relation to boundary standards shall not apply to these support poles; and</p> <p>(ii) Where guy wires are used these must not exceed 12mm in diameter;</p> <p>(iii) One pole support structure (excluding support poles for wire aerials) or lattice support structure per site, provided that:</p> <p>(1) The maximum height of the pole support structure is 9m measured from the natural ground level immediately below the structure, and the maximum inscribed circle of the pole and any lowering mechanism shall be 600mm below 4m in height and 115mm above 4m; or</p> <p>(2) The maximum height of the lattice support structure is 9m measured from the natural ground level immediately below the structure, and the maximum inscribed circle and any lowering mechanism shall be 900mm below 8m in height and 660mm above 8m; and</p> <p>(3) The pole or lattice structure is located in accordance with setback standards applying to buildings in the zone in which they are located. For the purpose of this rule the height in relation to boundary standards shall not apply to the pole</p>	<p><b>Council's discretion is restricted to the following matters:</b></p> <p>(b) The bulk, form, scale, location and number of antennas, aerials and supporting structures;</p> <p>(c) Location on site; and</p> <p>(d) Visual, streetscape and amenity effects.</p> <p><b>(3) Activity status: DIS</b></p> <p>(a) Compliance is not achieved with the standards of Rule AMR-R3(2).</p>
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	<p>or lattice support structure; and</p> <p>(4) Where guy wires are used these must not exceed 12mm in diameter; and</p> <p>(5) At no point must any guy wire overhang the boundary; and</p> <p>(iv) For each site, one support structure can exceed the maximum stated height applying to buildings in the applicable zone by more than 2m, provided that:</p> <p>(1) The maximum height of the support structure and any attached aerials or antennas is 20m measured from the natural ground level immediately below the structure;</p> <p>(2) The single tall supporting structure may be one of the following:</p> <p>(a) A pole, a tubular mast, a lattice mast, and may be guyed or self-supporting. The maximum inscribed circle of the mast below 9m shall be 1000mm, and above 9m must fit within a tapering envelope with a maximum inscribed circle of 660mm at 9m, and 420mm at 20m; and</p> <p>(b) There may be local enlargement of the support structure to accommodate a rotator mechanism; and</p> <p>(c) The supporting structure is located in accordance with setback standards applying to buildings in the applicable zone. For the purpose of</p>	
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	<p>this rule the height in relation to boundary standards shall not apply to the supporting structure; and</p> <p>(d) Where guy wires are used, these must not exceed 12 mm in diameter; and</p> <p>(e) At no point must any guy wire overhang the boundary;</p> <p>(f) A second pole or support structure up to 14m height is permitted for operation of 3.6MHz radio; and</p> <p>(v) Are not located within an Identified Area; and</p> <p>(vi) Is not located on a road, or unformed road.</p>	
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