



# Auburn Hospital Communications Tower

Technical Functions of Tower  
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# 1. Technical Functions of Radio Communications Tower at Auburn Hospital

## **Aim:**

VASP Group have been requested to provide a technical function description of the proposed New Auburn Hospital Communications Tower

## **Purpose of Communications Tower:**

The purpose of the Communications Tower is to provide an approved structure to support the Installation of essential Radio Communications equipment for Sydney West Area Health Service Network.

The tower forms essential infrastructure to enable effective radio transmission coverage for local health service communication, such as Hospital Paging and Security, as well as for critical 'Line of Sight' or point to point data services between Auburn Hospital and other Hospitals or neighbouring Health services.

Line of sight surveys have been conducted, from the proposed tower site, to establish confirmation of elevations for the transfer of services to the new tower in a way to ensure existing levels of service.

The Communications Tower provides a cost effective solution to the Hospitals communication services with allowance for future expansion.

## **EMR\_Electro Magnetic Radiation**

An EMR assessment will be conducted to ensure that the proposed tower conforms to the Australian Standards as established by APRANSA.

The expected levels of Radiation emission, once the site is established, are anticipated to be of a similar level to the existing communications equipment in operation on the roof of Auburn Hospital.

## **Contacts:**

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