



# MCF FACT SHEETS

## AMTA RF Safety Compliance Program

### What is RF Safety Compliance?

All mobile phone base stations must comply with strict regulations set by the Federal Government in relation to exposure to electromagnetic energy (EME).

The AMTA Radio Frequency Safety Compliance Program (RFSCP) is developed by AMTA and the Mobile Carriers to meet the regulatory requirements of:

- Australian Communications and Media Authority (ACMA);
- Radiocommunications Licence Conditions;
- Occupational Health & Safety regulations.

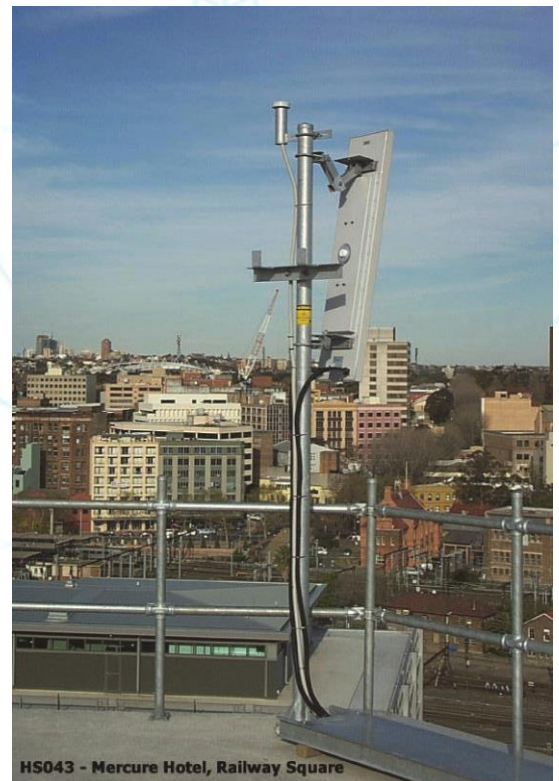
The program enables the management of a mobile phone base station's cumulative site EME levels in line with the requirements of ARPANSA Radiation Protection Standard (RPS) No. 3 (Compliant with International ICNIRP Standard)

### How does the RF Safety Compliance Program work?

The RFSCP involves gathering, recording and sharing information so that all parties involved can have visibility of the site's compliance. It is a web-based system made up of a set of Key Components for management of EME compliance for any site:

- National Site Archive database for all Sites (RFNSA)
- A mobile web application ([mobilesitesafety.com.au](http://mobilesitesafety.com.au));
- National Antenna Data Base – providing technical information about the base station;
- National Association of Testing Authorities (NATA) accredited Independent RF Assessors;
- Standard EME Site Safety Documents:
  - Compliance Certificate;
  - The New EME Guide will replace the Radio Communications Site Management Book (RCSMB) over time;
  - EME Safe Work Information;
  - Site Compliance Report.
  - Standard Site Signage;
- All EME levels are disclosed to the site owner and/or manager for management of OH&S on their sites.

The capture and maintenance of site data in the Radio Frequency National Site Archive is the key factor in the program and underpins the quality of the system components.





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## How is the RF Safety Compliance Program Implemented?

The RFSCP is commenced when the installation or addition of another mobile or radio system is proposed at a site. The program involves the following activities:

- Details of the site status ie proposed or in-service;
- EME Assessments by NATA Accredited RF Assessors;
- The site developer collects the site data ie:
  - Site details, name, location etc;
  - Geographic coordinates;
  - Carrier transmitter and antenna data (STAD);
  - Non-carrier transmitter and antenna data (STAD) where available.
- Creation of a site on the National Site Archive including:
  - Loading of STAD data;
  - Adding details of site status.
- Upload of RF Assessment and EME Site Safety documentation to the NSA:
  - EME Guide ( Replaces the RCSMB);
  - Site Compliance Report;
  - Compliance Certificate.
- Provision of "Building Manager" NSA Access to the site owner to assist OH&S management on the site.

## The EME Guide (from 21 October 2014)

The EME guide is the upgraded Site Safety Document to progressively replace existing RCSMBs with the following benefits:

- Clear and concise portrayal of the EME exclusion zones on and near any site
- Ease of understanding by non-technical users for Safe Work Method Statements
- Rebalancing technical information for a complete compliance report
- Available from the site owner or Carriers

## What benefits does the RF Safety Compliance Program provide?

The RFSCP has a number of advantages:

- World's Best Practise process in cumulative assessments of EME;
- Standardisation of processes and site management across the telecommunications industry;
- Wider application to the radio frequency communications industry in general;
- Cumulative assessment to ensure total site compliance;
- Cost minimisation through desktop assessments leveraging 10 years of development and operation;
- Management of operational risks through concise hazard management.

## How can my organisation use the RF Safety Compliance Program?

AMTA and the MCF have made program available to all operators of radio, wireless and broadcast services in Australia.

The program is managed by AMTA as a not for profit service with any costs passed on will be in relation to operational cost recovery only (web platform hosting etc)

Access to the program is offered on the volume of sites being managed ie:

- Based on the number of sites;
- AMTA members are not charged the annual base fee;

Contact the RF Safety Compliance Program Manager at [RFSafetyCompliance@amta.org.au](mailto:RFSafetyCompliance@amta.org.au)