

LICENCE APPLICATION FORM

- Submit one form for each application.
- Complete as much information as possible.
- Queensland Rail is not obliged to provide facilities for other organizations and retains the right to refuse any application or part thereof.
- Charges apply to the processing of applications and to annual rentals.

1. APPLICANT'S DETAILS

LOCATION **SITE (Queensland Rail use only)**

COMPANY / ORGANISATION

ADDRESS

POSTAL ADDRESS

CONTACT **PH. NO.** **FAX NO.**

2. SHARED USE OF FACILITIES AT OTHER QUEENSLAND RAIL SITES

Do you currently share facilities with Queensland Rail at other sites?
If yes, provide brief details.

<u>Location</u>	<u>System details</u>
	-
	-
	-
	-

3. RADIO SYSTEMS

Throughout the Document, Systems are to be linked with Equipment, Antennas, Frequencies and ACMA Licences.

No. of radio systems you propose to install	Describe the purpose of these radio systems.
1. _	
2. _	
3. _	
4. _	

4. CUSTOMER COMMUNICATION EQUIPMENT

Complete only if requiring space within Queensland Rail Communications Room. If space is insufficient please copy page.

What equipment do you need to accommodate within the Queensland Rail Communications Equipment Room?

(Detailed description of requirements (transmitters, receivers, transceivers, batteries, filters, converters etc)

System No:

Equipment Type:

Make:

Model No:

TX Freq:

TX Power:

RX Freq:

Rack Units:

Queensland Rail

19" Rack:

Own Rack Dims:

4a. POWER REQUIREMENTS

Estimate of AC power requirements: A Estimate of DC power requirements V

Estimated current requirements: Idle state A Transmit state A

Duty cycle

4b. EQUIPMENT INSTALLATION

Do you require Queensland Rail technicians to install your equipment?

4c. OTHER REQUIREMENTS OR RELEVANT INFORMATION

5. LICENSEE’S EQUIPMENT CABIN

Complete only if you are proposing to install your own equipment cabin on Queensland Rail property.

Dimensions. Length x Width x Height

Cabin and construction (e.g. Alum pre-fab on concrete pad. Block construction etc) designs may be required if your proposal is accepted.

Site layout drawing no. (Queensland Rail use only)

Details

5a. AC POWER SUPPLY

Queensland Rail requires that you arrange your own AC electrical connection and metering.

Supplier Details:

6. ACA LICENCE ¹

Queensland Rail will not permit any company or organization to use a Queensland Rail site without the required Licence.

You may be asked to provide a copy of this Licence before any Radio system becomes operational.

System Type / No.

Licence No.

1.		
2.		
3.		
4.		

7. ACCESS

24 Hr / Office Hours Access will be required for:-

(A) COMPOUND (B) STRUCTURE (C) QUEENSLAND RIAL/OWN EQUIPMENT CABIN

7a. PROPERTY / ACCESS ROAD

If Queensland Rail does not control access to the site you will be required to negotiate with the owner. Queensland Rail will supply details where possible.

¹ This Section must be completed in full

8. ANTENNAS

Antenna information for Tower Loading Diagram

Description	Unit	No.	No.	No.	No.
Antenna Type					
Antenna Height on Structure	Metres				
Antenna Position on Structure	Face / Pos				
Antenna Polarisation	Vert / Hor				
Antenna Bearing	Degrees				
Mounting Bar Offset (A)	mm				
Mounting Bar Length (B)	mm				
Antenna Face Extension (C)	mm				
Antenna Face Position (D)	mm				

Antenna Information for Site Radiation Pattern Development

Antenna Operational Status					
Antenna Manufacturer					
Model Number					
Antenna Dimension – Depth (E)	mm				
Antenna Dimension – Width (F)	mm				
Antenna Dimension – Height (G)	mm				
Element Spacing – (Arrays) (H)	mm				
No of Elements (Yagis only)	Each				
Transmit Frequency	MHz				
Horizontal Beamwidth	Degrees				
Vertical Beamwidth	Degrees				
Effective Aperture	Metres				
Front to Back Ratio	dB				
Antenna Gain	dBd				
Tilt Angle	Degrees				
Cable Manufacturer					
Cable Type / Model No.					
Actual Power fed to Antenna	Watts				
Installed Cable Length	Metres				
Operating Frequency Range	MHz				
Cable Loss	dB				
Max input Power at Antenna	Watts				

Total number of antennas to be installed

Please provide manufacturers wind loading, construction and performance specifications.

Face 'A' is the face nearest to parallel to the building. Faces B, C & D rotate anti-clockwise from 'A'.

8a. MOUNTING BRACKETS:

Ant. Nos.	Bracket description (size, materials, manufacturer etc).

8b. ANTENNA INSTALLATION

Do you require Queensland Rail riggers to install antennas?

Contractors are required to show proof of rigging qualifications.

9. SCHEDULE

Required / preferred installation date:

Other relevant information:

10. APPLICATION FEE

The processing of each application attracts a once only, non-refundable charge of \$2,200.00 incl. GST payable to Queensland Rail Limited.

This applies for new applications only and not to existing site users awaiting Licence Agreement.

This application shall remain valid for six calendar months from the date of signature. Should the Licence Agreement not be signed, or, whilst a "Deed of Indemnity" has been signed but installation has failed to commence prior to the six-month period elapsing, a new application must be lodged in company with a new application fee.

Please forward your completed application form and accompanying cheque to:

ATT: Telecommunications Commercial Management
 Queensland Rail Limited
 Level 5, Railcentre 1
 305 Edward Street
 Brisbane QLD 4000

Signed _____

Date

Company / Organization

<u>QUEENSLAND RAIL USE ONLY</u>		<u>OK / OTHER</u>	<u>NOTES</u>
3.	SYSTEM USE	-	_____
4.	CUST. EQUIPMENT	-	_____
4a.	DC POWER	-	_____
4b.	EQUIP INSTALLATION	-	_____
5.	CABIN	-	_____
5a.	AC POWER	-	_____
6.	ACA LICENCE	-	_____
7.	SITE ACCESS	-	_____
7a.	PROPERTY ACCESS	-	_____
8.	ANTENNAS	-	_____
8.	FREQUENCIES	-	_____
8a.	ANT. BRACKETS	-	_____
8b.	ANT. INSTALLATION	-	_____
9.	SCHEDULE	-	_____
10.	APPLICATION FEE	-	_____
	ANNUAL CHARGES	-	_____
	ADD. QR ANTENNAS	-	_____
APPROVED/NOT APPROVED _____		SIGNED _____	_____ / _____ / 201__