

# Application For a Telepermit

**SECTION 1** (Must be completed in full)

Market Name of Product: .....  
*[Max. of 40 characters]* Brand name Product name Product class  
*[i.e. telephone, fax machine, etc.]*

Name of Manufacturer:..... Country.....  
 Formal Mfr's description/No:.....  
 Hardware Version No:..... Firmware Version No: .....

**Proposed Telepermit Holder Details:** *[Must be a New Zealand Company or Resident]*

Telepermit Holder:.....  
 Street Address:.....

.....  
 .....

Contact Person :..... Position in Company :.....  
 Telephone:..... Fax:..... Email.....  
 Mailing address *[include PO Box number if available]*:.....

.....

Account to be charged to:.....  
*(Name & address if different to above)*

.....Attn:.....

.....Ref/Purchase Order No.....

**Declaration:-**  
 In making this application, I undertake to comply with the General Conditions of Spark Specification PTC 100 and with any additional conditions applicable to the grant of a Telepermit should my application be successful.  
 I agree to the disclosure of the product functionality and any warning notes associated with the conditions of Telepermit grant after the product has entered service.  
 Full name of person authorised to sign on behalf of proposed Telepermit Holder: -  
 .....  
 Position in Company: .....

Signed: .....  
 Date: .....

*For Spark use only*

**Application Number:** CP/AS...../ .....

**Application Received:** (date) ...../ ...../ .....

**Information Complete:** (date) ...../ ...../ .....

**Application Acknowledged:** (date) ...../ ...../ .....

**SECTION 2** **Telepermit Applicant Details**

(Where different to proposed Telepermit Holder)

Complete this section ONLY if a Company or agent is handling the application on behalf of proposed Telepermit Holder.

(Note that Declaration in Section 1 MUST be signed by the proposed Telepermit Holder)

Applicant: .....

Street Address: .....

.....

.....

.....

Postal Address: .....

[include PO Box number if available]

.....

.....

Contact Person:.....Position in Company: .....

Telephone:..... Fax:..... Email:.....

**In all cases, this Application Form when completed should be forwarded directly to:-**

Richard Brent  
Bill Dawid  
Shaun Godfrey

Parcels to: Access Standards  
Spark New Zealand Ltd.  
Level 10, Spark Central - Boulcott  
42 – 52 Willis Street  
WELLINGTON 6011

**Enquiries:-**

Enquiries on Telepermit applications etc. should be directed to:-

Richard Brent      Tel: +64-4-382 5344      Mob: +64-27-282 1650      Email: richard.brent@spark.co.nz

Bill Dawid      Tel: +64-4-382 5730      Mob: +64-27-494 1888      Email: bill.dawid@spark.co.nz

Shaun Godfrey      Tel: +64-4-802 9860      Mob: +64-27-284 4809      Email: shaun.godfrey@spark.co.nz

## Notes:-

### SECTION 1

1. The Market name of the product will be printed on the Telepermit Label and must match the name printed on the product itself and the product documentation. The form of this entry is: Brand Name, Product Name (i.e. model), Product Class (e.g. ADSL modem) Note that each individual product name must have a separate application, Telepermits are not issued to a product family.

2. This Section is required to be completed in full. However, it is realised that occasionally an application is initiated by an overseas supplier prior to the appointment of a New Zealand agent, and then of course it is impossible to complete all of Section 1. Cases such as this should be explained by a covering letter, and a fully completed application form furnished at the earliest opportunity. A Telepermit will NOT be granted until Section 1 has been fully completed.

3. URLs will be listed in the Telepermit Register. It is preferable that the URLs are specific to the product rather than a general site.

### SECTION 2

A company or person other than the eventual Telepermit Holder may deal with the application process. However, the Declaration in Section 1 must be signed by the proposed Telepermit Holder, who is in turn responsible for the General Conditions of Specification PTC100, and also for any special conditions associated with the particular product.

## Test Reports

(a) Test reports (not certificates) shall be in full. All test reports and other documentation must be in Electronic form. Paper based applications cannot be accepted.

(b) Justification shall be supplied in all cases where test reports indicate areas of non-compliance.

(c) Test Reports must cover all the functions indicated in the function list attached to this application. Where functions have not been tested, the application may be declined or delayed pending further Test Results, depending on the explanation given. Alternatively it may be granted with restrictions of use.

(d) Test reports should include colour photographs. If not, a set shall be provided separately. The photographs should show detailed views of both external and internal features, including both sides of line interface circuit boards.

**Black and white photocopies of photographs, are not acceptable.**

(e) Test Reports may remain the property of a supplier, other than the Telepermit holder, if so desired. This applies whether the supplier is domiciled in New Zealand or overseas.

(f) Test Results against overseas Specifications may be acceptable for the purposes of obtaining a Telepermit, however the following points must be noted:

(i) There is no guarantee that further Tests will not be required.

(ii) The difference between the PTC Specifications and other Specifications is not static. If a particular set of extra tests meets the Telepermit requirements on one occasion, that same set may not meet the

Requirements on another occasion, as one or both of the Specifications may have changed in the intervening period.

(iii) An extra charge for assessing the Report against overseas Specifications will be levied.

## **Test Reports Required**

Compliance Testing of your product sample is started by the testing authority using the relevant PTC Specification. In addition to testing against PTC specifications, Test reports are also required for electrical safety, generally AS/NZS 60950, EMC AS/NZS CISPR22, and specific reports covering any radio transmitters e.g. Bluetooth, WiFi, DECT etc. These Specifications are derived from international specifications and usually the manufacturer will have be able to make copies of relevant test reports available. For more detailed information contact the Energy Safety and Radio Spectrum Management divisions of the Ministry of Business, Innovation and Employment. The Ministry also requires that the importer holds a Technical file on each product which contains the test reports and a Supplier Declaration of Conformity (SDoC) which contains a summary of the test report details.

Full test results are required for all Telepermit applications. Approval letters or certifications from overseas are not acceptable as evidence of full compliance.

## Telecommunications

The applicable specifications for Telecommunications compliance are listed on this website [here](#).

The following table summarizes which specifications are applicable for common customer equipment.

<b>Customer Equipment</b>	<b>Applicable Specification</b>
Telephones, Fax machines, Dial up modems, eftpos terminals, alarm systems connected to the PTSN	PTC 200
ISDN interfaces, e.g. trunk interfaces for PBXs	PTC 131 L1 Basic Rate PTC 132 L1 Primary Rate TNA 132 L2 TNA 134 L3 Note, when ISDN is used for trunk interfaces in PBXs PTC 220 also applies.
PBXs	PTC 220 for PTSN/ISDN PTC 229 + PTC 220 for SIP trunking
xDSL modems	PTC 273 (ADSL2+) PTC 274 (VDSL2) PTC 281 (ADSL2+ Line Filters) PTC 285 (VDSL2+ Splitters)
Mobile devices	PTC 257
Headsets	PTC 208
VoIP phones	PTC 220 (section 8)
FXS port	PTC 220 (section 5)
FXO port (analogue PBX Trunk)	PTC 220 (section 6)
VoIP home gateways ADSL2+/VDSL2	PTC 273 or 274 for xDSL, PTC 220 for FXS ports

## Electrical Safety

The applicable standards for electrical safety are listed in Schedule 4 of the Electricity (Safety) Regulations 2010. This can be found on the Government legislation website <http://www.legislation.govt.nz> . As of June 2013, the applicable standards for IT equipment are set out in the following table:

<b>Information technology equipment</b>	<b>Applicable standard</b>
Information technology equipment	AS/NZS 60950.1:2011 or IEC 60950-1 Ed 2.0, including Amendment 1, as modified by Annex ZZ of AS/NZS 60950.1:2003, including Amendments 1 to 3
Power supplies for IT equipment	AS/NZS 60950.1:2011 or IEC 60950-1 Ed 2.0, including Amendment 1, as modified by Annex ZZ of AS/NZS 60950.1:2003, including Amendments 1 to 3

## Energy Efficiency

External power supplies for modems, routers etc shall meet the energy efficiency requirements of AS/NZS4665: Performance of external power supplies. This is broken into two parts:

AS/NZS 4665.1 Part 1: Test method and energy performance mark

AS/NZS 4665.2 Part 2: Minimum energy performance standard (MEPS) requirements.

See :<http://www.eeca.govt.nz/standards-and-ratings/minimum-energy-performance-standards-and-labelling> for full details of the regulations.

# Electromagnetic Compatibility (EMC) and Radio Frequency Transmitters

## EMC

The applicable standards for EMC are summarized in the following table. For more information see <http://www.rsm.govt.nz/cms/policy-and-planning/spectrum-policy-overview/legislation/gazette-notices/product-compliance/radiocommunications-emc-standards-notice-2004-no-2>

Equipment	Applicable Standard
All electronic IT Equipment	AS/NZS CISPR 22 EN55022
Switched mode Power supplies for IT Equipment	AS/NZS CISPR 22 EN55022

## Intentional Radiators (RF Transmitting devices)

The applicable standards for Radio Frequency Transmitter compliance can be found on the radio Spectrum Management website at <http://www.rsm.govt.nz/cms/policy-and-planning/spectrum-policy-overview/legislation/gazette-notices/product-compliance/radiocommunications-radio-standards-notice-2010>

The common standards which are likely to be encountered in telecommunications equipment are summarized in the following table:

Application	Frequency	Applicable Standard
Near Field Communication (NFC) e.g. rfid	13.56 MHz	AS/NZS 4268 EN 300 330-1 EN 302 291-1 FCC CFR Title 47, Part 15.209 and Part 15.225
WiFi, WLAN, Bluetooth	2.4 – 2.483 GHz	AS/NZS 4268 EN 300 328 V1.7.1 FCC CFR Title 47, Part 15.249
WLAN	5 GHz 5.15 – 5.35 GHz	AS/NZS 4268 EN 301 893 V1.5.1
WLAN	5.8 GHz 5.725 – 5.875 GHz	AS/NZS 4268 EN 300 440 FCC CFR Title 47, Part 15.249
DECT Cordless Phones	1900 MHz	EN 301 406 V2.1.1

## Warning

The tables above are a summary of the applicable standards at the time of writing (July 2013). Standards and legislation is being continually changed, and if in doubt as to which standards apply, it would be prudent to check the Ministry websites for the latest requirements.