

Telecommunications Authority of Trinidad and Tobago

Type Approval / Equipment
Certification process.

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Our Customers

- Foreign Companies, Apple, Intel, Hyundai, Type Approval agencies,
- APPROVE IT!
- UL Japan
- Online local shoppers/Importers
- Licencees and Concessionaires

Approval Regime

- Applications received via FORM EC_01
Application for Equipment Certification

Requirements

- User manual
- Colour photos
- Lab test reports
- Approved certificate for device.

Approval Regime

- Telecommunications Act of 2001
- Authorisation Framework
- Draft Regulations on Equipment Certification 2009.
- Policies
- Band plan and Channel plans
- Spectrum/Station/ Class Licence
- Exclusive and Shared band licence.

Equipment Details

- Make / Model
- Class of Emission
- ERP
- EIRP
- Frequency and Bandwidth of Operation
- Equipment description.

Approval Process

- ITU Region 2
 - Adopt test results from labs and certification bureau approval results and certificates
E.g. FCC , IC , DOC, R&TTE
- Compliance with :
- TATT Spectrum Policy and Band Plans
 - Channel Plans
 - Licensing Authorizations



Class Licence

- Low Power mass market devices
- TTFAT.. Primary, Secondary and Tertiary use
- Licence and protected for a fee versus CLASS Licence and non-protection {no fee at this time}

Type of Radiocommunication Device	Class Licence Category Type for Device	Registration Required (Yes/No)	Frequency Range of Operation (MHz)	Maximum Transmitter Output RF Power (dBm)	Maximum Antenna Gain (dB)	ITU Class of Emission	Other Specific Technical Operating Parameters

Approved Certificates

- Certificate for Licenced devices
- Conditions:
 - *"Pursuant to the Telecommunications Act of 2001, the operator of any above equipment must apply to the Telecommunications Authority of Trinidad and Tobago to obtain the necessary license (s) in order to operate such equipment"*
 - *The equipment is operated under the technical parameters specified.*
 - *No radio frequency interference is generated from said device to higher powered devices.*



Approved Certificates

- Certificate for LIPD/ CLASS Licenced devices
- Conditions:
 - *The equipment is operated under the technical parameters specified.*
 - *No radio frequency interference is generated from said device to higher powered devices.*
 - *The operation of this device must conform to the stipulations outlined in the CLASS Regime.*

Notifications

- Monthly Updated list of Approved and Rejected devices on our website
- CLASS Licence list on our website



Health and Safety

- Most countries do not submit EMC test results and reports

Approval Challenges

- New products may require a policy, band plan and inter agency coordination
- Example : Wifi onboard aircraft, Introduction of Drones into our air space.
- Cellular Telephone call jammers, signal boosters
- Customers buy Equipment from other ITU regions that do not conform to our region.

Thank You

