

**Conformity and Interoperability Training for AMS Region on Type
Approval testing for Mobile Terminals, Homologation Procedures,
C&I Regimes and Market Surveillance**

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Conformity and Interoperability regimes of Telecommunication/ICT equipment in Jamaica

**Homologation of telecommunication equipment experience in Jamaica
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Legal Framework of the C&I Regime for telecommunication/ICT equipment in Jamaica

- It is mandatory to obtain type approval for all radio equipment intended for use in Jamaica.
- Radio communication equipment used in land (fixed and mobile), maritime mobile, aeronautical mobile and amateur services requires type approval.
- Radio equipment can be denied entry to the country if not type approved.
- Radio equipment can also be confiscated if found in use without approval

Common problems faced due the lack of conformity and interoperability in Jamaica

- Lost of revenue
- Armful interference to services offered by other approved equipment
- Malfunctioning of non-type approved equipment (e.g. A keyless start car operating on a frequency assigned to be use on an STL link)

Conformity assessment processes in Jamaica

- Written applications from an individual or company to be sent to SMA
- Provide the required technical information/documentation as well as the processing fee.
- SMA will review application and request additional documentation if required.
- SMA will issue Type Approval Certificate with Type Approval ID number (if device satisfies our requirements).

Documentation/Information and Other Requirements

- Name/Address of Manufacturer
- Authorization from Manufacturer
- Equipment Specification
- FCC or other Standards Body Certification
- Electromagnetic Compatibility (EMC) Report
- Safety Report (optional)
- User Manual
- Processing Fee
- Test Sample

ICT Reference standards

Jamaica recognizes the international standards set by the following bodies:

- FCC: Federal Communications Commission (USA)
- ANSI: American National Standards Institute
- ETSI: European Telecommunications Standardization Institute
- ITU: International Telecommunications Union

Institutions responsible for C&I activities in Jamaica

- The Spectrum Management Authority is a government Agency/regulator of the frequency spectrum. The authority reports to the Ministry of Science Technology Energy & Mining
- The SMA is also responsible for all matters relating to C&I.
- SMA works closely with the Jamaica customs department in order to stop unauthorized devices from entering the island.
- There is no EMC laboratory in Jamaica therefore we depend heavily on other certified laboratories

Vision of the future

- Improve on our C&I procedures by collaborating with universities in the country to establish an EMC test laboratory