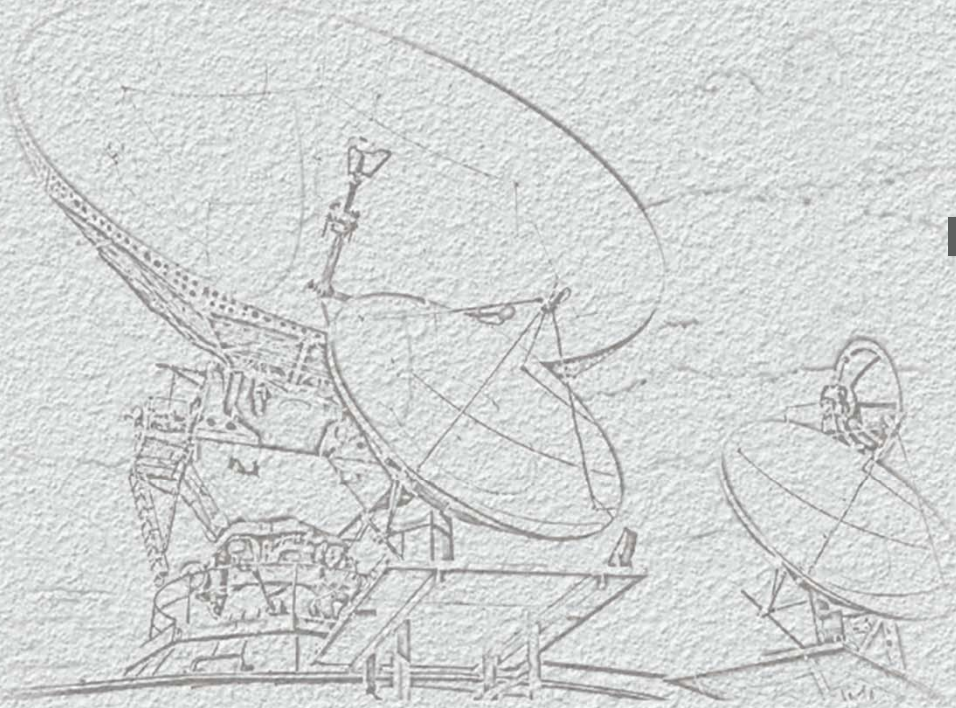


Approval and Importation of Telecommunications Equipment (Public)



هيئة تنظيم الاتصالات
Telecommunications Regulatory Authority
Kingdom of Bahrain - مملكة البحرين



International Telecommunication
Union (ITU)

Arab Regional Office

Tunis (Tunisia), 20-24 April 2015

2015



Agenda

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 - Establishment
 - Vision & Mission
 - Where does TA fits in FOCUSED
- Type approval of Telecommunications Equipment:
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 - Type Approval, Why & How?
 - What equipment to be approved?
 - Minimum regulatory, technical and safety requirements for equipment to be approved
- Type approval process & exceptions
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 - Importation for private use
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TRA-Bahrain (Establishment)

- 📡 **The Telecommunications Regulatory Authority (TRA)** was established by Legislative Decree No. 48 of 2002 promulgating the Telecommunications Law. The TRA is an independent body and its duties and powers include protecting the interests of subscribers and users, and promoting effective and fair competition among established and new licensed operators.



Vision & Mission

📍 **Our Vision** : A communications environment that enriches the social and commercial fabric of the Kingdom of Bahrain.

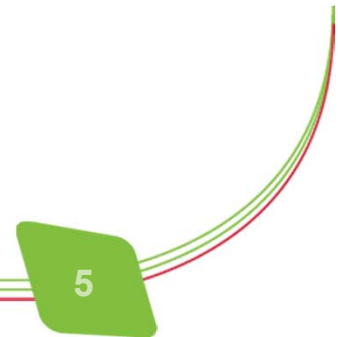
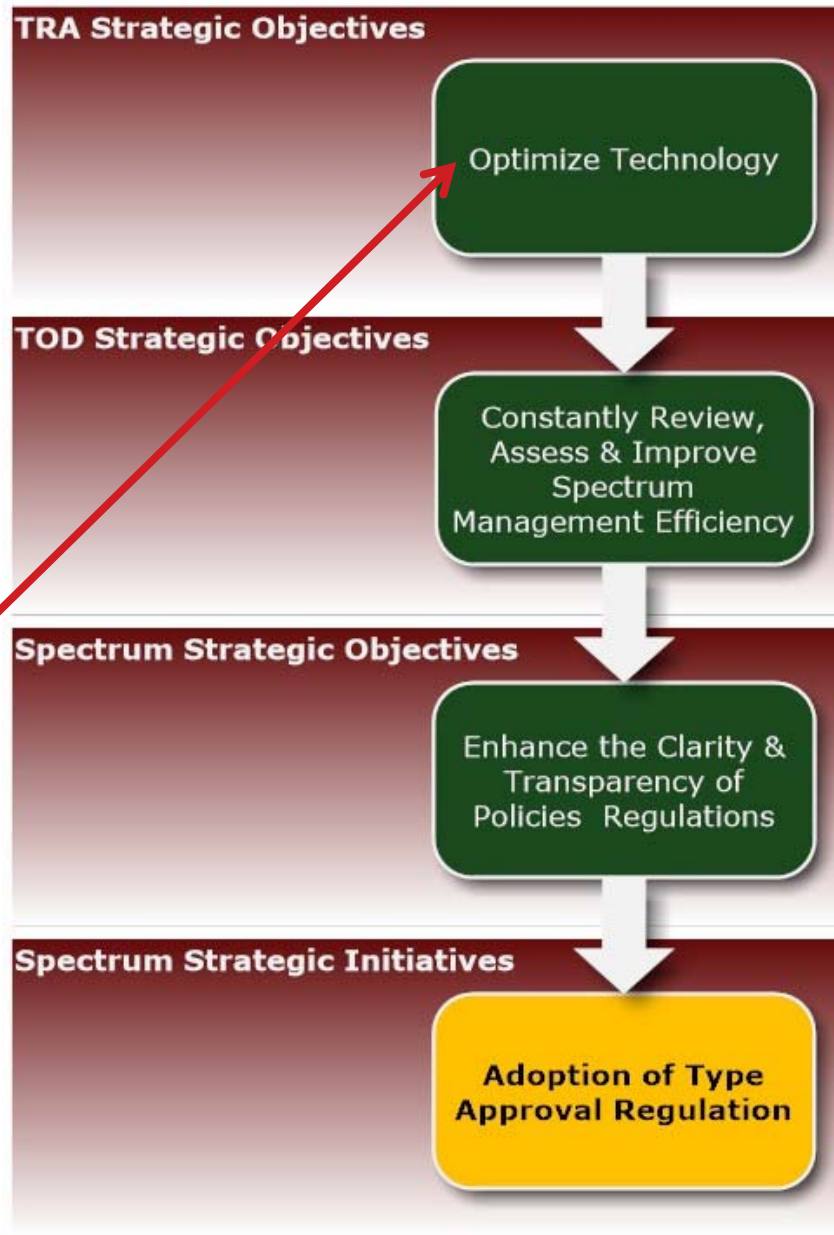
📍 **Our Mission** : To develop a competition led market for the provision of innovative communications services, available to all, which: **encourages** sustainable, economically efficient investment; **respects** the interests of consumers; **fosters** ecologically friendly initiatives; and **supports** the social and commercial welfare of the Kingdom of Bahrain.

To continue to build as an exemplar regulator within the region through thought leadership and to be the employer of choice by: **investing** in our people to develop a professional, passionate team; **transparency** and **fairness** in operations; and **adherence to quality assurance**.



Where
does **Type
Approval**
fits in
TRA's
Strategy?

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Objectives of Type Approval Regulation

Telecommunication equipment if not properly designed, produced, or operated, may:

- ✓ **put human/public in danger,**
- ✓ **cause harmful interference to other systems/networks,** or
- ✓ **reduce their performance, breach established rules and regulations**

✓ Therefore, the **objective** of the Type Approval regime is to adopt and put in force a Regulation containing the minimum set of **regulatory, technical and safety requirements** that telecommunication equipment shall meet before it is **used or sold** in Bahrain.

✓ While meeting the overall objectives, the Regulation shall not place unnecessary burdens on manufacturers and suppliers



Type approval in general: why & how?

Objective reasoning

- Telecommunication equipment if not properly designed, produced, or operated, may:
 - ✓ put human/public in danger,
 - ✓ cause harmful interference to other systems/networks, or
 - ✓ reduce their performance, breach established rules and regulations
- To avoid/prevent above, countries establish minimum set of **regulatory, technical** and **safety requirements** that telecommunication equipment shall meet before it is **used or sold** in a particular country

Type Approval

- Technical evaluation** of telecommunication equipment against prescribed specifications with the objective of determining its conformance to these requirements/specifications
- An administrative procedure of **technical tests** and **vetting** applied to items of telecommunication equipment before they can be sold, interconnected with the public network or used for purposes of communications



What Equipment to be type approved

Type of equipment

All equipment manufactured, used, supplied, distributed, sold which is intended or connected to public telecommunications network:

- ✓ Telecommunications equipment (public) which is part of, or connected to, or comprises a public telecommunications network including
- ✓ Terminal devices (mobile and fixed telephones, CPE etc.)
- ✓ Passive equipment (cables, fibers, feeders, waveguides, splitters, connectors etc.)

Whom does this apply to?

Parties who:

- ✓ import;
- ✓ use;
- ✓ supply;
- ✓ distribute;
- ✓ sell;
- ✓ offer for sale;
- ✓ connect;
- ✓ import for processing or modification before sale or re-export

the Telecommunications equipment that to be type approved



Minimum type approval requirements

General requirements

- Not easily software/physically modifiable or configurable;
- No harm/hazard to human/public;
- No excessive emission to harm itself or other systems;
- Immune to operate with interference presence;
- Efficient/effective spectrum use;
- No damage/unacceptable degradation of telecom networks;
- Interwork with other apparatus, network interface

Additional for terminal equipm.

- IEMI (mobile terminals only);
- Safeguard personal data & privacy of user/subscriber;
- Fraud avoidance;
- Access to emergency services;
- Support users with a disability.

Note: Passive Equipment & Equipment **complying with relevant Benchmark** (tech. specs prepared by int'l standards making bodies adopted by TRA) be **certified without technical evaluations and tests.**



Approval process & exceptions

1. Applicant shall submit the application form + supporting documents to TRA. Sample may be required for examination and testing;
2. Application is rejected if requirements are not met;
3. If approved, an approval number is issued by TRA along with certificate with 3 years validity;
4. Approval certificate is personal to approval holder.

Following equipment are certified without technical evaluation and tests:

- Equipment complying with relevant Benchmark adopted by TRA;
- CE Marked Equipment without radiocommunication interface;
- CE Marked Equipment/ device/ apparatus with IMT, Bluetooth, WiFi;
- CE Marked receivers;
- CE Marked passive equipment and ancillary equipment, devices and apparatus incl. IT equipment;
- Passive telecommunication equipment



TA certificate renewal & modification

Renewal

- If required, renewal shall be done prior to expiry of valid type approval certificate;
- Certificate is renewed if no modification has been done to previously type approved equipment;
- If required, and in case of any modification compared to approved model, modification process shall be followed

Modification

- Whenever Telecommunications Equipment (Public) is modified in respect of model number, design or function, it must be re-assessed for compliance with the requirements of the regulation;
- Modification is also required when there is a change in the Benchmark adopted by the TRA



Importation of equipment

General requirements

- ❑ All telecom equipment being imported (except for personal use and for processing/modification) are subject to type approval prior to importation;
- ❑ Type approved equipment can imported under No Objection Certificate (NOC) issued by TRA;
- ❑ If an equipment is imported for processing and modification, it must be type approved before it is used, supplied, distributed, sold, offered, connected to telecom networks of Bahrain

Importation procedure

1. Applicant must submit an application form for NOC;
2. Application shall contain details of equipment and shipment.
3. Upon receive complete information, TRA issues No Objection Certificate that can be presented to Custom Service of Bahrain



Importation of equipment for private use

Type of equipment

The following equipment purchased outside Bahrain can be imported for private use:

- CE Marked Equipment without radiocommunication interface;
- CE Marked Equipment/ device/ apparatus with IMT, Bluetooth, WiFi;
- CE Marked receivers;
- CE Marked passive equipment and ancillary equipment, devices and apparatus incl. IT equipment

Requirements and procedure

- Formal type approval is not required, nevertheless,
- Such equipment shall comply with minimum type approval requirements;
- No Objection Certificate (NOC) might be required if impounded by Customs at the port of entry;
- Before issuing NOC, TRA will require “light” frequency license for equipment designed to operate in 2.4 GHz and 5.2/5.8 GHz bands.



Fees, Surveillance and Penalties

Fees

All application fees related to Type Approval certificate, renewal/modification of certificate, NOC are reflected in Draft Schedule of Fees

Penalties

Any person who uses, supplies, distributes, sells, offers for sale or connects Telecommunications Equipment (Public) in breach of this Regulation shall be punished in accordance with the provisions of the Telecommunications Law.

Requirements and procedure

- The Authority will perform market surveillance activities from time to time;
- If requested, equipment (or samples) and/or documents to be provided without charge to TRA;
- If found to be compliant with the requirements of this Regulation, TRA returns them;
- Non-compliance may constitute a breach of the Law and result in penalties being exacted



Fees

All application fees related to Type Approval certificate, renewal/modification of certificate, NOC are reflected in Draft Schedule of Fees

Category	Application Fee (BHD)	Renewal Fee (BHD)	Modification Fee (BHD)
Telecommunications Equipment (except Short Range Devices and Terminal Devices)	100	10	80
Terminal Devices	50	10	40
Passive Equipment	10	10	10

[Published Consultations](#)

(http://www.tra.org.bh/en/consultation/?s=+&from_date=&to_date=%20-%20search-area)



Thank you!