Introduction of Telecommunications Equipment Network Access License(NAL)

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Course Objectives: To develop a basic knowledge of China's Network Access License (NAL) system for telecommunication equipment

Outline

- **What is NAL**

- How to apply for a NAL

- Obligation and Post-license supervision

Establishment of NAL

Year 2000

- \<Telecommunications Regulation of PRC\> (The Decree of the State Council No. 291)

Telecommunications terminal equipment, wireless communication equipment and equipment used in network interconnection shall be subject to a state-implemented license system for connecting to the public telecommunications networks.

What for

- Interconnection
- Network & information security
- Rights and interests of users and carriers

2016-9-28

Related agencies

Implementation Body	Administrative Institution	Application Accepting
MIIT	TAB,MIIT	TECC,MIIT

Local Administration	Catalog Formulating
Provincial branches of MIIT	MIIT & AQSIQ

Categories

The catalog shall be formulated and promulgated by MIIT jointly with AQSIQ.

28 categories in total.

Connecting Public Telecommunication Network's

Telecom Terminal Equipment

- Fixed telephone
- Cordless telephone terminal
- ISDN terminal
- Mobile terminal
- Key-Phone system
- Data terminal
- Multimedia terminal
- Pager
- Modem
- Fax machine
- PBX
- Other telecom terminal

Wireless Telecom Equipment

- Base Station
- Microwave Communication Equipment
- Satellite communication Earth Station

equipment used in network interconnection

- Optical Transmission Equipment
- Frame Relay Switch
- Routing Equipment
- Digital SPC Exchange
- ATM Switch
- Data Communication Equipment
- Signaling System No.7 Equipment
- IP Gateway and Gatekeeper
- Intelligent Network
- Synchronous Equipment
- Access Network Equipment
- Integrated Services Switching System
- Call Centre equipment

Conditions of Approval

meet the state and industry standards as well as provisions of MIIT

have sufficient quality assurance system and post-sale service measures

*have been experimented for at least three months

meet other relevant state laws and regulations

*Wireless equipment, equipment used in network interconnection and equipment without state standards and industry standards
- Experiment: on the networks or on the imitated experiment network

Outline

- What is NAL
- **How to apply for a NAL**
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The Documents of Applications

9 documents should be submitted

Application	Business License	Introduction of the Applicant	Certificate of Quality System Certification

Introduction of Telecom Equipment	Test Report	Type Approval Certification (Radio Transmission Equipment)

the overall technological schemes and experiment reports	Documents required by other relevant regulations

Procedure of Acceptance	◆Telecommunications Equipment Certification Center ◆5 working days ◆Accepting the application if the files are complete and in conformity with the statutory form ◆If not, informing the applicant of what needs to be supplemented or corrected all at once

Procedure of Making-decision	◆TAB, MIIT ◆60 days ◆issuing NAL if the files meet the requirements ◆If not, send paper replies to the applicant

Expert Evaluation

◆Wireless equipment, equipment used in network interconnection and equipment without state and industry standards

◆being organized by TAB within 45 days

◆Experts from carriers, academia, governments, test agencies

◆To evaluate the test reports, the overall technological schemes and experiment reports

Modification	◆technological or exterior changes ◆contents prescribed in the NAL have been changed

Renewal	◆applying for the NAL over again 3 months before the NAL expires ◆returning the former license

- Foreign applicant should authorize a domestic agency to submit the application.

- The applicant may submit the application in personal presence, by mail or online.

- Documents should be written in Chinese.

License & Label

Valid Term	3 years	Less than 1 year
License		
NAL label		

MIIT publishes the list of equipment and manufacturers which have obtained the network access licenses every 2 weeks on its website.

Outline

- What is NAL
- How to apply for a NAL
- **Obligation and Post-license supervision**

The manufacturing enterprises shall:

Bearing label	affix the label on their telecommunication licensed equipment. The labels shall be printed and issued by MIIT.
Consistency	keep consistency of the licensed equipment before and after obtaining the license and shall not lower quality.
Indicating the serial number	indicate the serial number on the packages and in the published advertisements
After-sale service	fulfill the statutory obligations of after-sale service, such as repair, exchange and return.

Inspection and Supervision

Annual inspection

- conducted by the provincial branches of MIIT
- submitting the Annual Inspection Form at the beginning of the December every year

Post-license Supervision

- conducted by MIIT
- to check consistency of equipment before and after obtaining the network access license

By December 2015, more than 6000 manufacturing enterprises obtained more than 60,000 licenses.
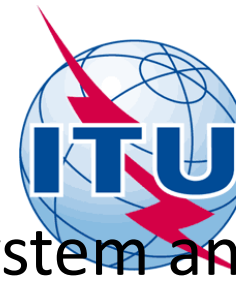
About 1700 manufacturing enterprises hold more than 14,000 valid licenses.

Quiz questions:

1. The NAL system in China was established in year:
   (A: 2000 B:2005 C:2010)

2. If you are applying NAL, which institution should you submit the application to?

   (A:TTL B:TECC C: CQC)

3. AQSIQ is the implementation body of NAL. (True of False)

4. TECC shall finish the acceptance procedure within 5 working days. (True of False)
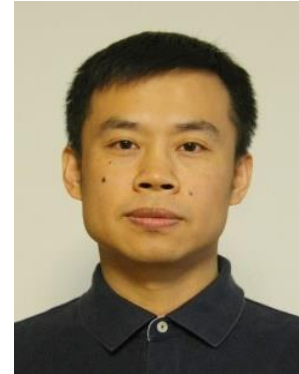
5. The applicant having sufficient quality assurance system and post-sale service measures is one of the conditions of approval. (True of False)

6. MIIT will issue the license within 30 days if the files meet the requirements. (True of False)

7. The license holder doesn't need to indicate the serial number of the license in the published advertisements. (True of False)

8. TECC will conduct the annual inspection. (True of False)

9. The manufactures shall keep consistency of the licensed equipment before and after obtaining the license. (True of False)

10. The valid term of both of the two licenses is 3 years. (True of False)

ANSWER:1.A 2.B 3.F 4.T 5.T 6.F 7.F 8.F 9.T 10.F

- (Trainer information)

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