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China Compulsory Certification CCC

Implementation Rules for Compulsory Certification of Telecom Equipment Category

Telecommunication Terminal Equipment

电信设备强制性认证实施规则 电信终端设备

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Implementation Rules for Compulsory Certification of Electrical and Electronic Products Telecommunication Terminal Equipment

1. Scope

The document is applied for the compulsory certification for telecommunication terminal equipment.

Telecommunication Terminal Equipment refers to the telecommunication equipment that provide message sending and receiving function at the end of public telecommunication network. The telecommunication terminal equipment defined in the document include fixed telephone terminal, cordless telephone terminal, corporate phone, fax machine, modem (including card), mobile terminal, ISDN terminal, data terminal (including card), multimedia device, etc.

2. Authentication mode

Type test + initial factory inspection + Follow-up inspection

3. Basic process of Certification

3.1 Apply for certification

3.2 Prototyping Test

3.3 Initial Factory Inspection

3.4 Certification Result Evaluation and Approval

3.5 Follow-up Inspection

4. Basic requirements for Certification Implementation

4.1 Apply for certification

4.1.1 Application Unit Division

4.1.1.1 Apply for certification based on product model on principle

Products of same type under the same manufacturer but produced in different factories shall apply for test as separate unit. Type test is performed on the samples from the same factory, and the samples and related materials of other factories are required if necessary for conformity test.

4.1.1.2 The same parts (parts with * in Annex 3) in the product electrical structure and product security, which impact seriously on product EMS are viewed as a same unit for the certification. The specific model in the single unit shall be identified in principle. For the specific application

units for certification, see Appendix 1.

4.1.2 Document delivered in application

The applied certification shall deliver the formal application and attach the following files:

- (1) Electrical circuit diagram related to safety and EMC (e.g. electrical circuit diagram of power supply) and/or system block diagram/mounting structure of the unit;
- (2) Key components and/or primary material list;
- (3) Chinese Instruction
- (4) Chinese nameplate and alarm markup;
- (5) The difference description between various models of the products in the same applied unit;
- (6) Other required documents (e.g. Maintenance manual).

4.2 Type Test

4.2.1 Sampling for Type Test

4.2.1.1 Sampling principle

If there is only a model in the applied unit, the sample of this model is delivered.

For the test of series of products as the same unit, we shall select the representative model from it, and the selected samples shall cover the security requirements and EMS requirements of the series of products. If not covered, we shall select and send other products in this unit for the supplementary test.

For unit test, key safety components (Annex 2) in the unit shall be tested separately as required. The key safety components that have been certified and awarded with the compulsory product certification or voluntary certification whose test result accepted for the compulsory product certification result according to CNCA regulation are exempted from separate test, but the samples and relevant materials and documents are required for audit.

4.2.1.2 Number of samples

The applicant is responsible to select and send the samples for type test based on the certification authority. See Annex 1 for the number of samples for the machine. For the number of samples for the separate safety test along with the machine test, and the related requirement, see Annex 2.

4.2.1.3 Disposal of type test sample and related documents

After the type test, it shall process the test samples and/or related materials in the suitable manner.

4.2.2 Criteria, Items and Method of Type Test

4.2.2.1 Test Standards

GB 4943 Security of IT Equipment

YD/T 993 Lightning-proof technical requirements and test methods of

		electrical circuit related to the safety and EMC, will be viewed as a same unit for certification. 2) Any part that is different from the above shall be viewed as a separate unit for application.		
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Annex 5:

Factory Quality Assurance Capability Requirements

To ensure the conformity of the certification products in batch production and the samples with qualified type test, the factory shall meet the quality assurance capability requirements defined by this document.

1. Responsibilities & Resource

1.1 Responsibilities

The factory shall define the responsibilities and the relationship of the staff related to the quality activities, and it shall specify a quality person in charge, whatever he is responsible for, he shall have the following responsibilities and rights:

- a) set up the quality system to meet the requirements in the documents and ensure the implementation and maintenance;
- b) Ensure the products marked the compulsory certification meet the requirements for certification standard;
- c) Set up the documented procedure and ensure the proper safekeeping and use of the certification mark;
- d) Set up the documented procedure and ensure to unmark the compulsory certification for the unqualified products and products awarded with the certificate changed but not approved by the certification authority.

The quality manager shall have full competent to perform his job.

1.2 Resource

The factory shall be equipped with the necessary production equipment and inspection equipment to meet the requirements that products meet the compulsory certification standard; it shall have the appropriate the human resource ensure the staff who impacts on the product quality have the necessary capability; it shall set up and maintain the necessary environment in production, inspection, test, storage and other operations of the production.

2. Documents and Record

2.1 The factory shall set up and maintain documented quality plan or similar documents for the certificated products, and ensure the documents required to operate and control the relevant procedures of product quality. The quality plan shall include the definition of product design target, implementation procedure, detection and related resources, and the definition of the change of certified products (standards, process, key part, etc.) and the mark usage management and other definition.

Product design standard or specification shall be a content in the quality plan, which requirements shall be not lower than the standard requirements defined in certification regulation of this product.

2.2 The factory shall set up and maintain the documented procedure to control the file and

material required in this document effectively. The control shall ensure:

- a) The authorized staff shall approve the release and change of the document before the implementation to ensure the suitability;
- b) The change and revision of the document shall be identified to prevent the unexpected use of obsolete documents;
- c) Ensure to get the valid version of corresponding document at use.

2.3 The factory shall set up and maintain the identification, storage, safekeeping and processing and other documented procedures of quality record. The quality record shall be clear and complete as the basis for product compliance.

The quality record shall have the appropriate storage life.

3. Purchasing and Receiving Inspection

3.1 Supplier control

The factory shall develop the selection, evaluation and routine management procedures of key components and materials providers, to ensure the provider shall have the capability to meet the requirements for key components and materials.

The factory shall store the selection evaluation and routine management record of the providers.

3.2 Inspection/verification of key components and material

The factory shall set up and maintain the inspection or test procedure of key components and materials provided by the provider and regular acknowledgement of inspection procedure, to ensure the key components and materials to meet the requirements defined by the certification.

The inspection of key components and materials can be performed by the factory or the supplier. When it is performed by the supplier, the factory shall propose the clear inspection requirement for the supplier.

The factory shall store the inspection or test records of key components, confirm the inspection record and the conformity certification and relevant inspection data provided by the supplier.

4. Control and inspection of production procedure

4.1 The factory shall identify the key production work order, and the operator in the key work order shall have the appropriate capability. If the work order has no document definition, and the product quality is not guaranteed, we shall develop the corresponding processing guideline to control the production.

4.2 The environment is required during the production, and the factory shall ensure the working environment meets the defined requirements.

We shall record the operation inspection result and taken adjustment actions.

7. Control of unqualified products

The factory shall set up unqualified product control procedure, including ID method, isolation, processing and correction and precaution actions taken of unqualified products. The repaired and reworked products shall be tested again. The repairing for important parts or components shall be record accordingly and the processing record of unqualified products shall be stored.

8. Internal quality audit

The factory shall set up the documented internal quality audit procedure to ensure the effectiveness of quality system and the conformity of certification products and record the internal audit result.

The complaints on the factory, especially on the non-conformity products shall be stored, and be input as the internal quality audit.

The question during the audit shall be taken correction and precaution action and be recorded.

9. Conformity of Certificated product

The factory shall control the conformity of batch products and products with the qualified type test to make the certification products meet the defined requirements.

The factory shall set up the change and control procedures of key components and materials, structures that impact on the product compliance. The change of certification products (that may impact on the conformance of the related standard or the conformity of type test machine) shall be approved by the certification authority before the implementation.

10 Packaging, Transportation and Storage

Any packaging, handling and storage environments performed in the factory shall not impact the product compliance requirement.

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References: List of Implementation Rules for China CCC

S/N	CNCA ID	English Description	Chinese Description	Year
1	CNCA 00C-003-2013	Compulsory product certification and implementation rules - production enterprise management , authentication mode selection and determination	强制性产品认证实施规则 生产企业 分类管理、认证模式选择与确定	2013
2	CNCA 00C-004-2013	Compulsory product certification and implementation rules - manufacturer testing resources and use other authentication results	强制性产品认证实施规则 生产企业 检测资源及其他认证结果的利用	2013
3	CNCA 00C-005-2014	Compulsory product certification and implementation rules - factory quality assurance capability requirements	强制性产品认证实施规则 工厂质量 保证能力要求	2014
4	CNCA 00C-006-2014	Compulsory product certification and implementation rules - General requirements for factory inspection	强制性产品认证实施规则 工厂检查 通用要求	2014
5	CNCA 00C-007-2014	Compulsory product certification and implementation rules - information submitted , transmission and public	强制性产品认证实施规则 信息报 送、传递和公开	2014
6	CNCA 01C-001-2011	Electrical and electronic products compulsory certification rules - wire and cable products - wire components	电气电子产品强制性认证实施规则 电线电缆产品 电线组件	2011
7	CNCA 01C-002-2007	Electrical and electronic products compulsory certification rules - wire and cable wire and cable products	电气电子产品强制性认证实施规则 电线电缆产品 电线电缆	2007
8	CNCA 01C-003-2011	Electrical and electronic products compulsory certification rules - circuit switching and protection devices or connect appliances for household and similar purposes - plug socket	电气电子产品强制性认证实施规则 电路开关及保护或连接用电器装置 家用及类似用途插头插座	2011

40	CNCA 02C-063-2005	Motor Vehicle Compulsory Certification Rules - car seats and headrests products	机动车辆产品强制性认证实施规则 汽车座椅及座椅头枕产品	2005
41	CNCA 02C-064-2005	Motor Vehicle Compulsory Certification Rules - motorcycle rearview mirror	机动车辆产品强制性认证实施规则 摩托车后视镜产品	2005
42	CNCA 02C-065-2005	Motor Vehicle Compulsory Certification Rules - motorcycle exterior lighting and light signaling devices Products	机动车辆产品强制性认证实施规则 摩托车外部照明及光信号装置产品	2005
43	CNCA 02C-066-2005	Motor Vehicle Compulsory Certification Rules - car drive recorder products	机动车辆产品强制性认证实施规则 汽车行驶记录仪产品	2005
44	CNCA 02C-067-2005	Motor Vehicle Compulsory Certification Rules - body reflective logo products	机动车辆产品强制性认证实施规则 车身反光标识产品	2005
45	CNCA 03C-027-2013	Compulsory product certification and implementation rules - motor vehicle tires	强制性产品认证实施规则 机动车辆 轮胎	2013
46	CNCA 04C-028-2009	Safety Glass Compulsory Certification Implementation Rules - safety glass products	安全玻璃类强制性认证实施规则 安 全玻璃产品	2009
47	CNCA 05C-029-2006	Implementation Rules for Compulsory Certification - agricultural plant protection machinery	农机产品强制性认证实施规则 植物 保护机械	2006
48	CNCA 07C-031-2007	Implementation Rules for Compulsory Certification of telecommunications equipment - telecommunications terminal equipment	电信设备强制性认证实施规则 电信 终端设备	2007
49	CNCA 09C-044-2011	Fire Products Implementation Rules for Compulsory Certification - fire alarm equipment	消防产品类强制性认证实施规则 火 灾报警设备	2011
50	CNCA 09C-045-2011	Fire Products Implementation Rules for Compulsory Certification - Fire Hose	消防产品类强制性认证实施规则 消 防水带	2011
51	CNCA 09C-046-2011	Fire Products Implementation Rules for Compulsory Certification - sprinkler products	消防产品类强制性认证实施规则 喷 水灭火产品	2011

52	CNCA 09C-075-2011	Fire Products Implementation Rules for Compulsory Certification - foam fire extinguishing equipment products	消防产品类强制性认证实施规则 泡沫灭火设备产品	2011
53	CNCA 09C-076-2011	Fire Products Implementation Rules for Compulsory Certification - extinguishing agent	消防产品类强制性认证实施规则 灭火剂产品	2011
54	CNCA 09C-077-2011	Fire Products Implementation Rules for Compulsory Certification - Fire Equipment products	消防产品类强制性认证实施规则 消防装备产品	2011
55	CNCA 09C-078-2011	Fire Products Implementation Rules for Compulsory Certification - building fire-resistant components	消防产品类强制性认证实施规则 建筑耐火构件	2011
56	CNCA 10C-047-2009	Security Technology Implementation Rules for Compulsory Certification - intrusion detectors	安全技术防范产品强制性认证实施规则 入侵探测器产品	2009
57	CNCA 10C-052-2009	Security Technology Implementation Rules for Compulsory Certification - burglar alarm controller products	安全技术防范产品强制性认证实施规则 防盗报警控制器产品	2009
58	CNCA 10C-053-2009	Security Technology Implementation Rules for Compulsory Certification - car anti-theft alarm system products	安全技术防范产品强制性认证实施规则 汽车防盗报警系统产品	2009
59	CNCA 10C-054-2009	Security Technology Implementation Rules for Compulsory Certification - security safes (boxes) Products	安全技术防范产品强制性认证实施规则 防盗保险柜(箱)产品	2009
60	CNCA 11C-048-2007	Wireless LAN Implementation Rules for Compulsory Certification - Wireless LAN products	无线局域网产品强制性认证实施规则 无线局域网产品	2007
61	CNCA 11C-075-2009	Information Security Implementation Rules for Compulsory Certification - firewall products	信息安全产品强制性认证实施规则 防火墙产品	2009
62	CNCA 11C-077-2009	Information Security Implementation Rules for Compulsory Certification - security isolation and information exchange products	信息安全产品强制性认证实施规则 安全隔离与信息交换产品	2009

63	CNCA 11C-078-2009	Information Security Implementation Rules for Compulsory Certification - Secure Router products	信息安全产品强制性认证实施规则 安全路由器产品	2009
64	CNCA 11C-079-2009	Information Security Implementation Rules for Compulsory Certification - smart card COS product	信息安全产品强制性认证实施规则 智能卡 COS 产品	2009
65	CNCA 11C-080-2009	Information Security Implementation Rules for Compulsory Certification - data backup and recovery products	信息安全产品强制性认证实施规则 数据备份与恢复产品	2009
66	CNCA 11C-081-2009	Information Security Implementation Rules for Compulsory Certification - operating system product safety rules	信息安全产品强制性认证实施规则 安全操作系统产品	2009
67	CNCA 11C-082-2009	Information Security Implementation Rules for Compulsory Certification - secure database system products	信息安全产品强制性认证实施规则 安全数据库系统产品	2009
68	CNCA 11C-083-2009	Information Security Implementation Rules for Compulsory Certification – anti-spam product	信息安全产品强制性认证实施规则 反垃圾邮件产品	2009
69	CNCA 11C-084-2009	Information Security Implementation Rules for Compulsory Certification - Intrusion Detection System (IDS) products	信息安全产品强制性认证实施规则 入侵检测系统(IDS)产品	2009
70	CNCA 11C-085-2009	Information Security Implementation Rules for Compulsory Certification - network vulnerability scanning products	信息安全产品强制性认证实施规则 网络脆弱性扫描产品	2009
71	CNCA 11C-086-2009	Information Security Implementation Rules for Compulsory Certification - Safety Audit	信息安全产品强制性认证实施规则 安全审计产品	2009
72	CNCA 11C-087-2009	Information Security Implementation Rules for Compulsory Certification - Site Recovery Products	信息安全产品强制性认证实施规则 网站恢复产品	2009

73	CNCA 12C-049-2010	Decoration Product Implementation Rules for Compulsory Certification - solvent-based coatings products	装饰装修产品强制性认证实施规则 溶剂型木器涂料产品	2010
74	CNCA 12C-050-2010	Decoration Product Implementation Rules for Compulsory Certification - porcelain tile products	装饰装修产品强制性认证实施规则 瓷质砖产品	2010
75	CNCA 12C-051-2010	Decoration Product Implementation Rules for Compulsory Certification - concrete antifreeze products	装饰装修产品强制性认证实施规则 混凝土防冻剂产品	2010
76	CNCA 13C-068-2010	Toys Product Implementation Rules for Compulsory Certification - stroller products	玩具类产品强制性认证实施规则 童 车类产品	2010
77	CNCA 13C-069-2010	Toys Product Implementation Rules for Compulsory Certification - electric toy products	玩具类产品强制性认证实施规则 电 玩具类产品	2010
78	CNCA 13C-070-2010	Toys Product Implementation Rules for Compulsory Certification - plastic toy products	玩具类产品强制性认证实施规则 塑 胶玩具类产品	2010
79	CNCA 13C-071-2010	Toys Product Implementation Rules for Compulsory Certification - metal toy products	玩具类产品强制性认证实施规则 金 属玩具类产品	2010
80	CNCA 13C-072-2010	Toys Product Implementation Rules for Compulsory Certification - catapult toy products	玩具类产品强制性认证实施规则 弹 射玩具类产品	2010
81	CNCA 13C-073-2010	Toys Product Implementation Rules for Compulsory Certification - doll toy products	玩具类产品强制性认证实施规则 娃 娃玩具类产品	2010

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