Change of KCC Certification Policy

The KCC certification policy will be changed **from January 24th, 2011**.

Unified Korea Certification Mark (KC Mark)

The KCC (Korea Communications Commission) mark will be unified to KC (Korea Certification) mark since January 24th, 2011.

The certified products before Jan. 24th 2011 can use the KCC mark from then on, also can change the certified logo from KCC to KC mark without any action. But all applied products from then should be marked on KC.

The KCC certification will be still valid application for the entire Broadcasting Communications Equipments (including ITE) from then on.
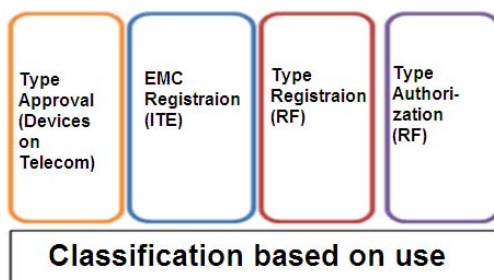
< KCC (Korea Communications Commission) Mark >   < KC (Korea Certification) Mark >
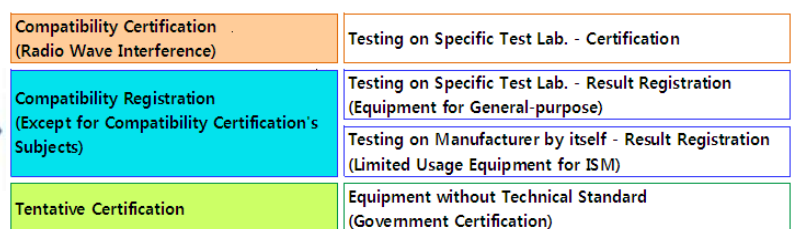

Reorganization of KCC Certification System

The KCC certification system will be reorganized as followings.

The main issues are (1) the designated labs can do the technical reviews (the RRA's review days will be decreased from WITHIN 5 DAYS to WITHIN 1 DAY) for the 'Compatibility Certification' (2) All required docs including the test report should be kept in the designated labs, instead of submitting them to RRA (3) all applied products including RF devices should do the Safety test.

< Current Certification System >   < Reorganized Certification System >

Certification Types under New Policy

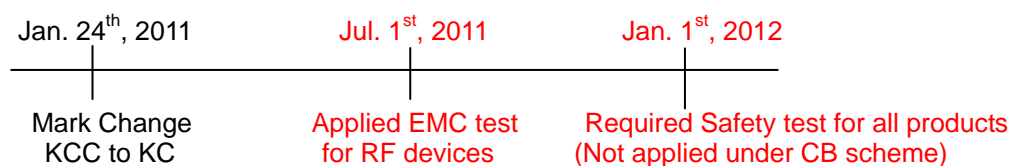|		
Compatibility Certification		Same with the current certification process Applicable products is the wired/wireless devices
Compatibility Registration	Under Designated Labs	Similar with the current process, but the designated labs should keep the measured data and all required docs, instead of submitting them to RRA The labs can registering the product to RRA (similar with FCC TCB process) for almost ITE
	Under Self Testing	For some special industry products can do the Self-Test in any qualified labs (under ISO 17025), not restricted in the designated lab
Interim Certification		Other products designed by new technology can not defined under the existing certification method

Required Docs for KCC approval

Compatibility Certification	Compatibility Registration	Interim Certification
1. Compatibility Certification Application Form 2. Test Report 3. User's manual 4. External/Internal Photos 5. Component Layout Diagram 6. Circuit diagram 7. Local Representative Letter	1. Compatibility Registration Application Form 2. Local Representative Letter ※ Keeping Docs in Labs 　1) Test Report 　2) User's manual 　3) External/Internal Photos 　4) Component Layout Diagram 　5) Circuit diagram	1. Interim Certification Application Form 2. Technological description 3. Description of self test results 4. User's manual 5. External/Internal Photos 6. Component Layout Diagram 7. Circuit diagram 8. Local Representative Letter

Additional Required Test Items

All applied products should do the Safety test, from Jan. 1st, 2012

	Current	Changed
ITE without Wired/Wireless	EMC only	EMC and Safety
Wired Devices	EMC, Safety and Wired Telecom	EMC, Safety and Wired Telecom
Wireless Devices (RF devices)	Wireless Telecom	EMC, Safety and Wireless Telecom

Jan. 24th, 2011	Jul. 1st, 2011	Jan. 1st, 2012
Mark Change KCC to KC	Applied EMC test for RF devices	Required Safety test for all products (Not applied under CB scheme)

KCC Labeling

1) Logo Designing Guide
A) The horizontal and vertical ratio of Korea Certification Mark shall follow the grid scale below.
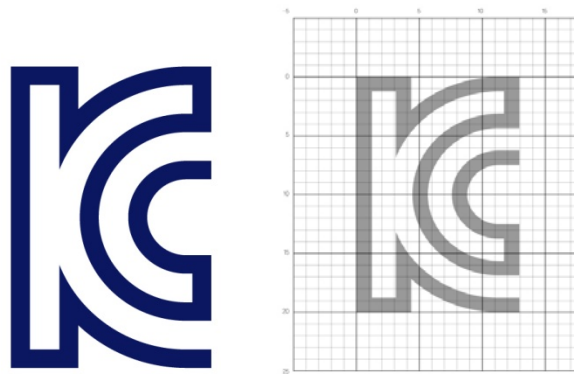
B) Although the size of Korea Certification Mark can be adjusted according to the size of product, the vertical height of certification mark cannot be less than 5 ㎜. However, the extremely miniature type products such as storage devices or the products using seal of approval [stands for stamp · official seal · carved seal] may adjust the vertical height of Korea Certification Mark according to the size of product.

2) Coloring
A) The color of basic model of Korea Certification Mark shall use indigo (5PB 2/8 coloring in accordance with KS A 0062).

	Indigo 5PB 2/8

B) In case a special effect is required, gold (10YR 6/4 coloring in accordance with KS A 0062) or silver (N 7 coloring in accordance with KS A 0062) shown below can be used and in case of not being able to use indigo, gold or silver, black (N 2 coloring in accordance with KS A 0062) shown below can be used.

	Gold 10YR 6/4
	Silver N 7
	Black N 2

※ Note: Gold and silver can be used by putting in glittering effect

3) Certification Numbering

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┌───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┬───┐
│ K │ C │ C │ — │ C │ R │ M │ — │ A │ B │ C │ — │ X │ X │ X │ X │ X │ X │ X │ X │ X │ X │ X │ X │
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①	② ③ ④	⑤	⑥
KCC Certification	Certification Type Information	Applicant ID	Product Code

① KCC means 'KCC Certification'

② means the certification type as followings

Certi Type	Code
Compatibility Certification	C (Certification)
Compatibility Registration	R (Registration)
Tentative Certification	I (Interim)

③ means the test item

Test Item	Code
Wireless Telecom (RF)	R (Radio)
Wired Telecom	T (Telecommunication)
EMC	E (EMC)
Combined Tests	M (Multi Function)

④ means the applicant type

Applicant Type	Code
Manufacturer	M (Manufacturer)
Importer	I (Importer)
Seller	S (Seller)

⑤ means the applicant ID code

⑥ means the product codes including the model name within 14 digits

User Guide: Refer to the Content Below

Type of Equipment	User's Guide
A급 기기 (업무용 방송통신기자재) Class A Equipment (Industrial Broadcasting & Communication Equipment)	이 기기는 업무용(A급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다. This equipment is **Industrial (Class A) electromagnetic wave suitability equipment** and seller or user should take notice of it, and this equipment is to be used in the places except for home.
B급 기기 (가정용 방송통신기자재) Class B Equipment (For Home Use Broadcasting & Communication Equipment)	이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다. This equipment is **home use (Class B) electromagnetic wave suitability equipment** and to be used mainly at home and it can be used in all areas.

※ **Upper Contents MUST be marked into user's manual as Korean.**

Q & A

1. For some ITE having the KCC certified wireless module (like WLAN, BT), is it required to do the RF test for the system?

   -> No, if the installed modules have certified already, the system doesn't need to go any additional test. (before Jan. 24th, 2011, all system should do the additional test except the PC and laptop.)

   -> for example, the printer or smart pad including the KCC certified RF modules doesn't need to do the RF test.

2. Does RRA accept the CB test report?

   -> No, RRA will not accept the CB test report. All applied products should do the safety test since Jan. 1st, 2012.

3. The certified products before Jan. 24th, 2011 should do the safety test?

   -> No, it is not required to do it for the certified product before Jan. 24th, 2011.

   -> But if the product is changed (add/change/delete of the components), it is required to do the safety test when it apply for the alternate application.

4. Where the applicant should attach the KCC information?

   -> The KCC information should attach on the product and the packaging.

   -> The KCC information is the following - KC logo, KCC certificate no., Applicant name, Model name, Production date, Manufacturer name, Country of origin.

5. When the applicant should change the KCC logo to KC logo?

   -> For the certified product before Jan. 24th, 2011, the applicant can use both KCC and KC logo till Jun. 30, 2011. But he have to change it to KC logo from Jul. 1st, 2011.

   -> For the applied product after Jan. 24th, 2011, all products should use only KC logo.

6. If one packaging includes series products, how can attach the KCC information?

   -> It is possible to use one KC logo and series certificates no.

7. Can use a various colors of KC logo?

   -> It is possible to use any color except 'White'

8. If the system includes the certified RF modules, how can attach the KCC information?

   -> The KCC information of RF modules should be attached on the product with it of the system.

9. Should the class type (Class A or Class B) be included on the KCC certificate no. of the product label?

   -> No. it is not required to include the class type.