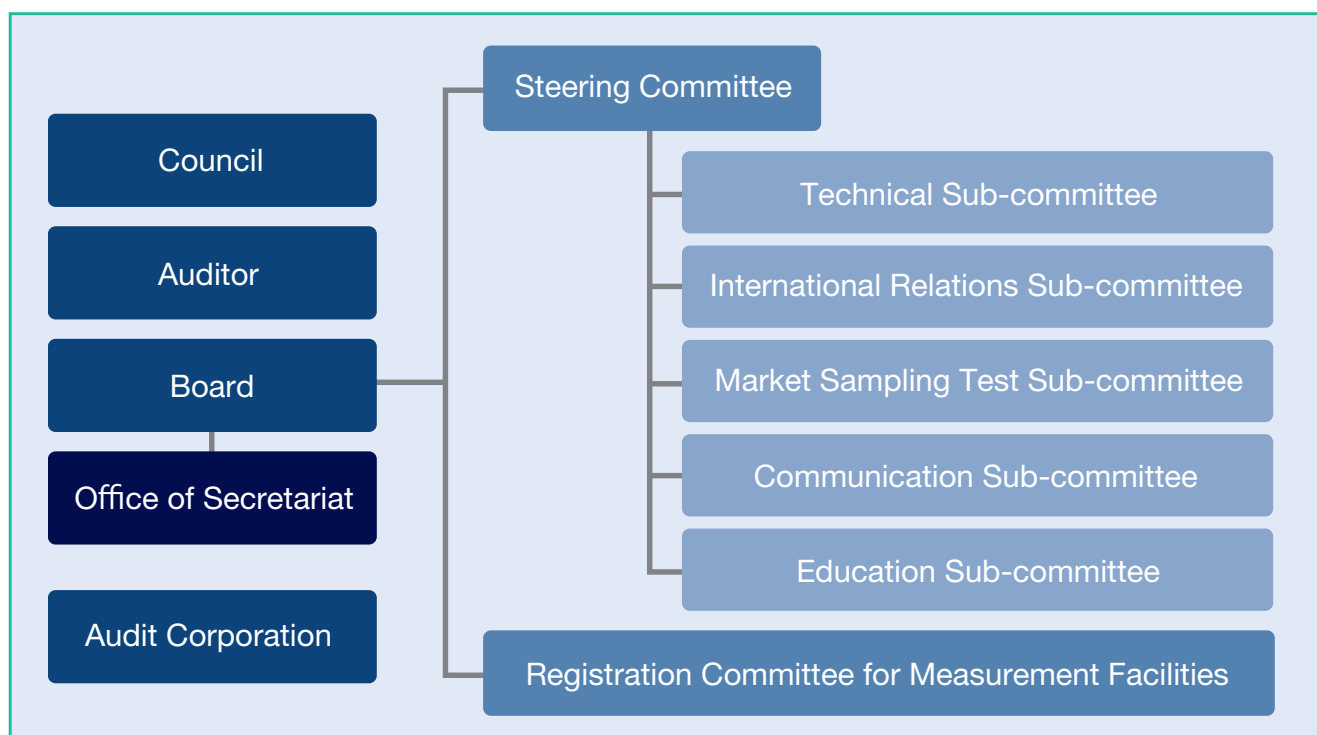


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General Incorporated Foundation - VCCI Council



1 Objective of Establishing the Council

With advances in electronic technologies and increasing informatization in the home, IT equipment, including electronic office equipment, such as PCs and facsimiles, have become increasingly popular. This kind of equipment often emits electronic interference over a wide range of frequencies resulting from the digital technology utilized in them. Depending on its level, interference with radio and television can occur, and this problem of radio interference has gained attention.

The International Special Committee on Radio Interference (CISPR) of the International Electrotechnical Commission (IEC) has been discussing radio interference since 1979. In September 1985, recommendations regarding "Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment" were made in Publication 22. In the U.S., the Federal Communications Commission (FCC) has been instituting regulatory measures since 1981.

In Japan, the Telecommunications Technology Council of Ministry of Posts and Telecommunications (now Information and Communications Council under Ministry of Internal Affairs and Communications) drafted Japanese technical standards on limits and methods of measurement of electromagnetic interference caused by information technology equipment based on the CISPR recommendations. A set of these standards was submitted for official recognition to the Minister of Posts and Telecommunications on December 2, 1985. In response, the Ministry issued to related industries a request for cooperation in controlling radio disturbance based on those standards.

On December 19, 1985 the four industry associations - the Japan Electronic Industry Development Association (JEIDA)*, the Japan Business Machine Makers Association (JBMA)**, the Electronic Industries Association of Japan (EIAJ)*, and the Communications Industry Association of Japan (CIAJ) *** jointly established without delay the Voluntary Control Council for Interference by Information Technology Equipment (VCCI) to cope with radio disturbance problems caused by personal computers, facsimile equipment and the like. The establishment of VCCI was a result of acute discussions that concluded that the Ministry's request be best met with industry's voluntary measure.

Since then VCCI has continued its activities as a voluntary organization (a constructive corporation) up to now. Meanwhile new Japanese laws prescribing matters concerning corporate bodies were promulgated in June 2006 ("No. 48-1 Act on General Incorporated Associations and General Incorporated Foundations" and other associated laws). VCCI decided to become a corporate body from April 2009 taking advantage of the promulgation of these laws.

The new law system allows the choice of either incorporated association or incorporated foundation in establishing a corporate body. Our choice was the foundation (not-for-profit type) because it will allow us to continue our current activities with little or no change. We are sure that we will be able to better serve general consumers and our members because of enhanced social credibility the incorporation will bring about on us.

We have renewed our determination to broaden the membership base by obtaining enrollment of greater number of companies and organizations from within Japan and overseas in the voluntary control scheme of VCCI Council so the interest of Japanese consumers will better be protected in terms of anxiety-free use of equipment.

Note:

* JEIDA and EIAJ were merged into JEITA (Japan Electronics and Information Technology Industries Association)

** JBMA was renamed JBMIA (Japan Business Machine and Information System Industries Associations)

*** CIAJ remains the same

2 Purpose

The purpose of this corporate body is to promote, in cooperation with related industries, the voluntary control of radio disturbances emitted from multimedia equipment (MME) on the one hand, and improvement of robustness of MME against radio disturbances on the other hand, so that the interests of Japanese consumers are protected with respect to anxiety-free use of MME.

3 Scope

3.1 Scope of Application

The Voluntary Control applies to the multimedia equipment(MME) to be shipped for the domestic market in Japan.

The following equipment may be exempted from these Rules:

- (1) MME where the function of information technology equipment is not deemed its primary function or is not included.
- (2) MME subject to other standards or laws equivalent in objective to these Rules in Japan, even if the definition of MME applies. Such MMEs include all radio-only equipment whose primary function is radio transmission and reception as stipulated in the Radio Law as well as electrical appliances stipulated in the Electrical Appliance and Material Safety Law.
- (3) Equipment for which the emission requirements in the frequency range subject to these Rules are explicitly defined in other CISPR standards (except CISPR 13 and CISPR 22). Such equipment includes MMEs dedicated to industrial, scientific, and medical (ISM) purposes or dedicated to in-vehicle purposes.
- (4) Equipment for use in telecommunications facilities to be installed only inside buildings controlled by telecommunications common carriers who provide such facilities and services.
- (5) Equipment for use in broadband power line communication facilities (in the frequency range 2 MHz to 30 MHz prescribed in Regulations for Enforcement of the Radio Law, Article 44-2-2).
- (6) MME whose power consumption is 6 nW or less.

3.2 Terms and definitions

- multimedia equipment
Equipment that is information technology equipment, audio equipment, video equipment, broadcast receiver equipment, entertainment lighting control equipment or combinations of these.
- function
Operation carried out by an MME.
Note: Functions are related to basic technologies incorporated in the MME, such as displaying, recording, processing, controlling, reproducing, transmitting, or receiving single medium or multimedia content. The content may be data, audio or video, either individually or in combination.

4 How to enroll VCCI Council

Companies and organizations that support the objectives of the Council and wish to participate and cooperate in voluntary controls are required to first become a member of the Council. Such companies and organizations should first submit a "Membership Application" form to the Council Secretariat.

After the Council receives the "Membership Application" form and approves it, the applicant must remit payment of the membership admission fee and annual membership fee for each fiscal year (April through March). Moreover, for members who participate from or after October (second half of the fiscal year), the first year annual membership fee shall be half the following amount.

VCCI fee table

Transactions	Membership categories	Fees		Applicable to -
		without tax	with 8%	
Annual membership fees	Regular member - A	800,000 JPY	864,000 JPY	Companies whose executives are appointed chairman, vice-chairmen, or similar ranking officers at the three industry organizations (JEITA, JBMIA, CIAJ) as well as companies submitting 70 or more conformity verification reports a year.
	Regular member - B	400,000 JPY	432,000 JPY	Companies submitting 10 or more conformity verification reports a year.
	Regular member - C	200,000 JPY	216,000 JPY	Companies submitting fewer than 10 conformity verification reports a year.
	Supporting member - D	100,000 JPY	108,000 JPY	Companies with no submission of conformity verification reports but supporting VCCI operations
Admission fees		50,000 JPY	54,000 JPY	All membership categories

Others

*Handling fees	2,500 JPY	2,700 JPY
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Note:

- Consumption tax (now 8%) is imposed for domestic members and overseas members who have branch or agent in Japan.
- The admission procedure takes about one week from receipt of membership application form to issuance of an invoice of necessary fees.
- Bank Handling Fee of 2,500JPY(with 8% tax 2,700 JPY) will be charged.
- After a new member company remits above fees, it is registered as VCCI official member and submission of the Application for registration of measurement facilities and applies for the report of compliance will be available.
- Examination fee will be charged for the registration of measurement facilities besides above fees.

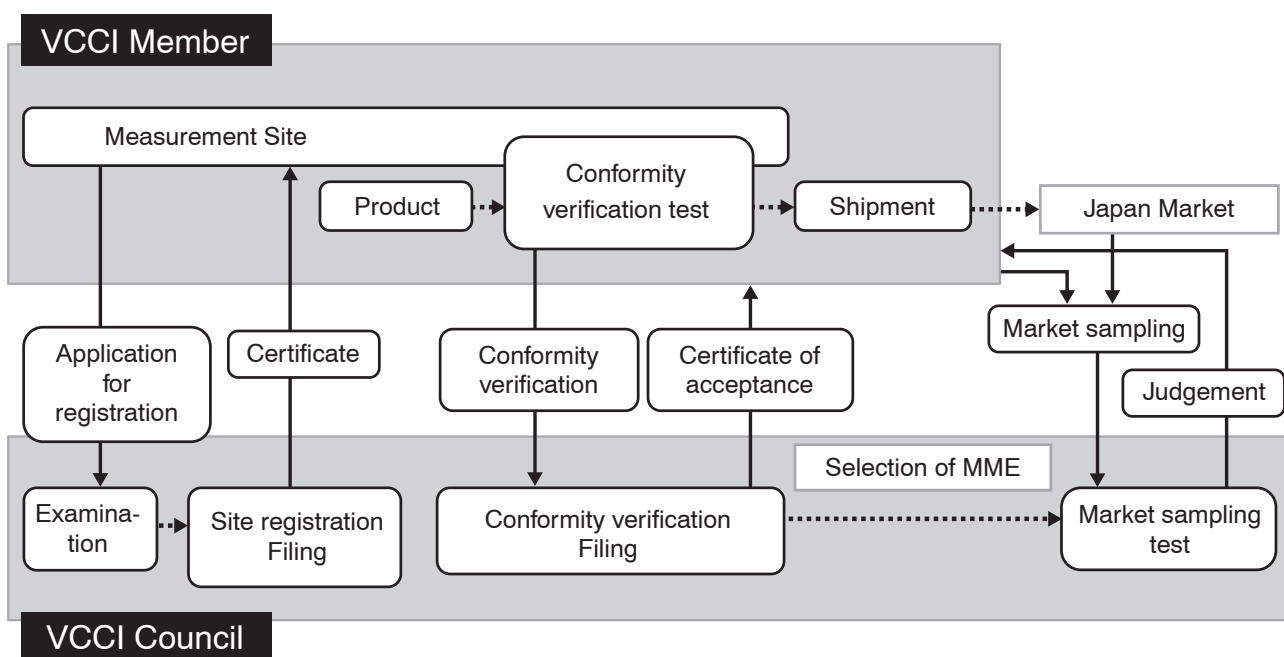
Members can access to Members only page. Members can access to following materials.

- Rules of VCCI
- VCCI label/mark
- Technical Materials

5 How to Practice Voluntary Control

In this measure of voluntary control the member is obliged to assure that the strength of the disturbance from his products is contained below VCCI specified level before distributing them in Japan.

Before the shipment of his product the member shall file conformity verification report to VCCI based on the MME Class of the product in question and affix the VCCI mark of the Class on the product. The whole scheme of voluntary control is indicated in the following chart.



5.1 Classification of equipment

An MME shall apply as either of the two classes, Class A equipment and Class B equipment. The requirements for Class B equipment are intended to offer adequate protection to broadcast services within the residential environment. Equipment primarily intended for use in a residential environment shall meet the Class B limits. All other equipment shall comply with the Class A limits. A broadcast receiver equipment is a Class B equipment.

5.2 Confirmation of Compliance

The member manufacturers should verify that their MME products conform to the permissible tolerance of the technical requirements established by the Council.

The member manufacturers are required to verify technical requirement conformity and submit a report as indicated below.

(1) Confirmation of Compliance with Technical Standards

The member manufacturers should perform conformity verification tests on their MME products to confirm that their MME products meet the technical requirements established by the Council. Conformity verification tests shall be performed at measurement facilities, which are accredited and registered according to item 6 "Registration of Measurement Facilities".

(2) Registration of Compliance

The member manufacturers performing conformity verification testing of their MME product(s) should present a "Conformity Verification Report," using the specified form to the Council for its approval prior to shipment of the MME products.

Note:

It takes about one week to issue a verification of acceptance of the "Conformity Verification Report."

5.3 Marking on Equipment

Members shall put the statement and/or the mark shown below on equipment that they have registered. The wording of the statement may be regarded as an example but shall include the Japanese text either exactly the same as the example or substantially similar to the example. For products with display means, "electronic display" may be implemented instead of the statement and/or the mark.

1. Class A equipment

Members shall put the statement and/or the mark shown below at a readily visible position on each Class A equipment that they have registered. The wording of the statement may be regarded as an example but shall include the Japanese text either exactly the same as the example or substantially similar to the example. Where it is difficult to put such statement and/or mark directly on the equipment, a tag may be used for such marking on the equipment.

この装置は、クラスA機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

VCCI - A

Translation:

This is a Class A equipment. Operation of this equipment in a residential environment could cause radio interference. In such a case, the user may be required to take corrective actions.

VCCI-A



(The color of the mark is unrestricted.)

Note 1: The characters shall not be less than 2 mm high in principle. Where space is limited, the character size may be uniformly reduced as long as the characters are readable.

Note 2: VCCI-A means that the equipment meets the Class A limits.

2. Class B equipment

Members shall put the mark shown below at a readily visible position on each Class B equipment that they have registered.



(The color of the mark is unrestricted.)

6 Registration of Measurement Facilities

The Measurement Facilities for Product Conformance Verification Test are needed to register VCCI, depend on "Rules for Registration of Measurement Facilities" by receive examination.

It requires about three months.

But the registration of measuring facilities which are accredited by Laboratory Accreditation Bodies (that are specified by VCCI) are required less than one month, because of no examination.

7 Market Sampling Test

The Council conducts market sampling tests for the purpose of checking conformity of MME distributed in the Japanese market with the technical requirements. The objective of the test conducted based on "The Rules for Market Sampling Test" is to provide members with level playing field for their voluntary efforts in maintaining product conformity. Members have an obligation to cooperate with the Council in the test on their products, if selected.

8 Technical Requirements

Members are obliged to follow limits on and methods of measurement of electromagnetic interference caused by MME prescribed in the technical requirements which were established by the Council in such a way to reflect the Japanese standards issued by the Information and Communication Council under Ministry of Internal Affairs and Communications.

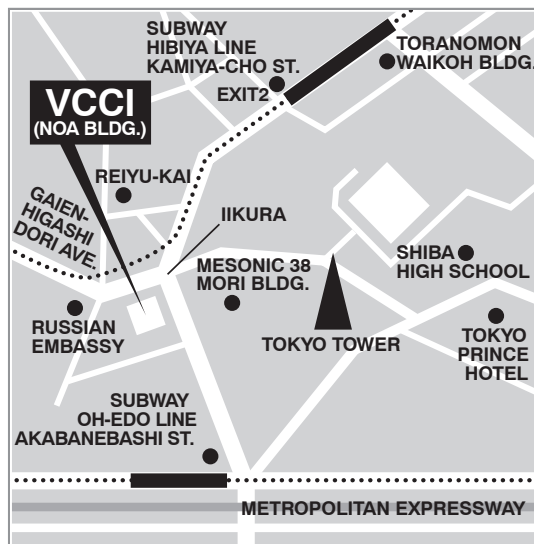
Details will be found on "Rules of VCCI" which placed on members only page.Used ID&PW will be provided after become VCCI member.

9 Activities

- (1) To formulate and amend basic policies regarding the voluntary controls for electromagnetic emissions from multimedia equipment.
- (2) To arbitrate between member organizations and contact/coordinate with government and relevant agencies.
- (3) To receive and maintain Conformity Verification Reports and to issue the Certificate of Acceptance as part of voluntary control activities.
- (4) To conduct market sampling tests (tests are consigned to non-profit third party testing agencies).
- (5) To research the Technical Requirements, present the results and to establish and revise them.
- (6) To educate EMC engineers in order to enhance overall EMC measurement technique.
- (7) To study EMC trends abroad, and to study and promote MRA.
- (8) To help promote VLAC.
- (9) To disseminate relevant information to users among the general public, and promote acceptance to relevant companies and associations.
- (10) To handle other necessary matters regarding voluntary control.

VCCI Council

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<http://www.vcci.jp/english/>

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