

To whom it may concern;

Components and materials manufacturers, Importers and Related associations

# Introduction of “CMJ Registration System” (Revision)

September, 2015

JET-Japan Electrical Safety & Environment Technology Laboratories

JQA-Japan Quality Assurance Organization

CMJ Registration System is the system in which components and materials for electrical appliances are evaluated (through testing and factory inspection) and registered in advance for economical and efficient certification of the electrical appliances.

CMJ Registration System continuously confirms conformity by regular follow-up inspection every year after registration.

CMJ Registration presents appliance makers who choose the registered components and materials with the great advantage of shortened lead-time and reduced fee for the testing of electrical appliances incorporating them, since it enables the certification bodies (Registered conformity assessment bodies under “Electrical Appliance and Material Safety Law” (hereinafter referred to as “Den-an Law”) and “S” Mark certification bodies) to use the data of the Registration for testing of the appliances.

Both JET & JQA (hereinafter referred to as “CMJ Registration Body”) offer the system favorable to those who are engaged in the business.

We would like to suggest that you take the advantage of “CMJ Registration System”.

Note: In this document, according to revision of technical requirements under Den-an Law implemented on Jan. 1, 2014 former “Paragraph 1” and “Paragraph 2” are revised to “Appendix No.4 or 8” and “Appendix No.12” respectively.

## 1. Items of CMJ registered components and materials

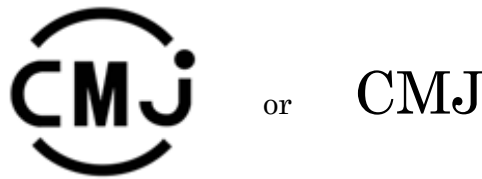
	Items	Applicable Standards	Remarks
Components	1) Thermostat	JIS C 9730-2-9 (IEC60730-2-9)	※
		Appendix No.8, Clauses 1(3)5 and 6	
	2) Fire-retardant test (F mark) and electric strength test (K mark) for insulated wire for appliance	Appendix No.8, Clause 1(10)4 and 7 Clause 2(94)1(2) Clause2(96-5)1(2)	
	3) Radio interference suppression capacitor	JIS C 5101-14 (IEC60384-14)	
	4) Phase advance capacitor for motor	JIS C 4908 (IEC60252-1)	
	5) Switch for appliance	JIS C 4526-1 (IEC61058-1)	※
	6) Current fuse	JIS C 6575series (IEC60127series)	※
	7) Anti-tracking plug	Appendix No.4 Clause 6(1)9(4) Clause 6(1)10 Appendix No.8 Clause 2(50)1(10)	
Materials	1) Confirmation test of upper Limit in operation temperature for insulation material	"Upper limit of operation temperature for insulation material for electrical appliance and its test method" specified by Electrical Appliance Research Committee	
	2) Ball pressure test for thermoplastic Resin	"Ball pressure test method" specified by Electrical Appliance Research Committee	
	3) 0.1mm VICAT softening Temperature test	JIS C 60065 (IEC60065) (Pursuant to JIS K 7206 (ISO306))	
	4) Horizontal burning test of synthetic resin for enclosure	"Horizontal burning test method of synthetic resin for enclosure of electrical appliance" specified by Electrical Appliance Research Committee	
	5) Vertical burning test of laminates for printed circuit	"Vertical burning test method of synthetic resin for electrical appliance" specified by Electrical Appliance Research Committee	
	6) Vertical burning test of synthetic resin material	"Vertical burning test method of synthetic resin for electrical appliance" specified by Electrical Appliance Research Committee	
	7) Glow-wire test	JIS C 60695-2-12 (IEC60695-2-12) and	

		JIS C 60695-2-13 (IEC60695-2-13)	
	8) Resistant to tracking (CTI), only for use of mains plug	JIS C 2134(IEC60112).	

※JET can issue Test Reports with CB (Certification Body) Test Certificate

## 2. CMJ Mark

CMJ mark can be put on components and materials registered in CMJ Registration System.



For insulated wire for appliance, F mark for flame retardant and K mark for resistant to electric strength can be marked on the sheath but CMJ mark also can be used instead of F mark.

F mark: -F-

K mark: -K-

## 3. Quicker and Economical CMJ Registration

Quicker and economical registration is available through CMJ Registration Body as shown below.

### (1) Utilizing CB Test Certificates under IECEE-CB system

By submitting applicable “Test report with CB Test Certificate”, it is possible to shorten the time for testing and to reduce costs for testing and confirmation.

### (2) Factory inspection reports for foreign certification body can be applied to this system

If the Factory is inspected by CMJ Registration Body on behalf of foreign certification body, the inspection report can be applied to this system too, resulting in reducing the cost for CMJ Registration.

### (3) Testing by CMJ Registration Body staff with applicant’s test facilities

In case the applicant’s testing facilities are available, CMJ Registration Body staff may conduct the test there, resulting in saving time and cost.

### (4) Utilization of the certificate issued by NCB (National Certification Body) under IECEE-CB System

If components and/or materials are certified by IEC Standard, test period and cost can be reduced by submitting the certificate.

#### 4. CB Test Certificate can be issued as well

In case the test is carried out by “Technical Requirements Paragraph 2” for registration to CMJ Registration System, “Test report with CB Test Certificate” can be issued if requested. This report can be utilized by any NCB (National Certification Body) which is a member of IECEE-CB System.

#### 【Application & Inquiries】

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#### **CMJ :**

Abbreviation of “Certification Management Council for Electrical & Electronic Components and Materials of Japan”

The council was established in April 1990, being composed of 15 organizations such as academic experts, manufacturer association, registration bodies (JET & JQA), etc, for smooth execution and prevalence/promotion of CMJ Registration System.

Subcommittees are now investigating various subjects of components and materials to be registered: material subcommittee, thermostat subcommittee, F mark subcommittee and electronic component WG.

#### **CMJ Secretariat Office (Secretariat Office for Certification Councils in Japan) :**

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