Information for components and materials manufacturers, importers and related associations:

CMJ Registration Overview

Revised on January 25, 2018
JET-Japan Electrical Safety & Environment Technology Laboratories
JQA-Japan Quality Assurance Organization

CMJ Registration is a scheme for prior assessment (including testing and factory inspections) and registration of components and materials to facilitate fast and cost-effective certification of end product electrical appliances.

In addition to initial assessments, annual follow-up inspections are utilized in the CMJ Registration Scheme to verify continuous conformity of registered components and materials.

CMJ Registration data is accepted by designated certification bodies and can be utilized to reduce lead times and testing of end products when obtaining the mandatory PSE mark and voluntary S-mark for electrical product safety in Japan.
This allows makers with CMJ-registered components and materials to gain a competitive edge when end product manufacturers select suppliers.

If you are interested in making use of the many competitive advantages offered by CMJ Registration, please contact JET or JQA, which are the only CMJ Registration Bodies in Japan (contact details are on the final page).

1. Advantages of CMJ-Registered Components and Materials

(1) Improved marketability

Appliance makers prefer to use CMJ-registered components and materials in their products for faster and cheaper end product certification. As such, CMJ registration offers a substantial advantage in improving the marketability of your components and materials.

(2) Evidence of conformity to standards

All major components and materials test standards are covered by the CMJ registration system. CMJ Registration can be used as evidence that components and materials are safe and conform to standards.

(3) Eliminate submission of test samples and technical documents

For certification of end products which incorporate non-CMJ-registered components and materials, test samples and technical documentation for each component must be submitted for evaluation.
If components and materials have obtained CMJ registration in advance, these submissions can be omitted.

2. Components and materials eligible for CMJ Registration

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 IECEE CB Test Certificates for these standards.

3. CMJ Mark

CMJ-registered components and materials can display the CMJ mark.

or CMJ

For insulated wires for appliances, the F mark for flame retardancy testing and the K mark for resistance to electric strength testing can be marked on the sheath. The CMJ mark can also be used instead of the F mark.

F mark: -F- K mark: -K-

4. Fast and Cost-Effective CMJ Registration

The CMJ registration process can be streamlined to reduce costs and lead times by making use of the options below.

(1) Utilizing IECEE-CB CB Test Certificates

Lead times and costs for testing can be reduced by submitting applicable IECEE CB Test Certificates.

(2) Utilizing factory inspection data for overseas schemes

CMJ Registration Bodies which already conduct inspections for overseas schemes at a customer's factory location can utilize data from those inspections to reduce the burden for the manufacturer.

Conversely, for overseas manufacturers, CMJ Registration Bodies' overseas

partners may be eligible to conduct CMJ inspections locally. Please inquire for details.

(3) On-site testing by CMJ Registration Bodies

When the applicant's testing facilities are suitable, CMJ Registration Bodies can conduct on-site testing, resulting in reduced cost and lead time.

5. Joint-Application for IECEE CB Test Certificates

Customers can jointly apply for an IECEE CB Test Certificate when CMJ testing is conducted pursuant to international standards (i.e. Appended Table 12 of the "Interpretation of the Ministerial Ordinance specifying technical standards of the DENAN Law"). IECEE CB Test Certificates can be utilized by any National Certification Body (NCB) which is a member of the IECEE CB Scheme.

Applications & Inquiries

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CMJ :

Stands for "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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