

Voluntary EMC Laboratory Accreditation Center Inc.
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VLAC

VLACプロフィール
PROFILE

VLAC Accreditation System monitor electromagnetic compatibility measurement quality.

Voluntary EMC Laboratory Accreditation Center Inc. (VLAC) was established in 1999 to keep up with international trends in laboratory accreditation. As a laboratory accreditation organization comply with ISO/IEC 17011, VLAC accredits laboratories that perform tests on electromagnetic compatibility of electronic and electrical equipment, communication device performance, radio frequency exposure, acoustic noise, product safety, etc., based on ISO/IEC 17025. VLAC joined APLAC in 2003 and became an MRA member, and joined ILAC*1 in 2007. In 2019, APLAC merged with PAC to form APAC*2, and VLAC is an MRA member of ILAC as an APAC/MRA member. VLAC accreditation enables mutual recognition of international standards (MRA), and contributes to the realization of "One Stop Testing" where test results (reports) obtained from one laboratory are accepted worldwide. An increasing number of countries and regions are accepting test reports with the VLAC mark or ILAC MRA composite mark issued by VLAC-accredited laboratories. For example, the FCC mark for the US, can be affixed with test data from a testing laboratory accredited by VLAC.

*1 International Laboratory Accreditation Cooperation

*2 Asia Pacific Accreditation Cooperation



ACCREDITATION

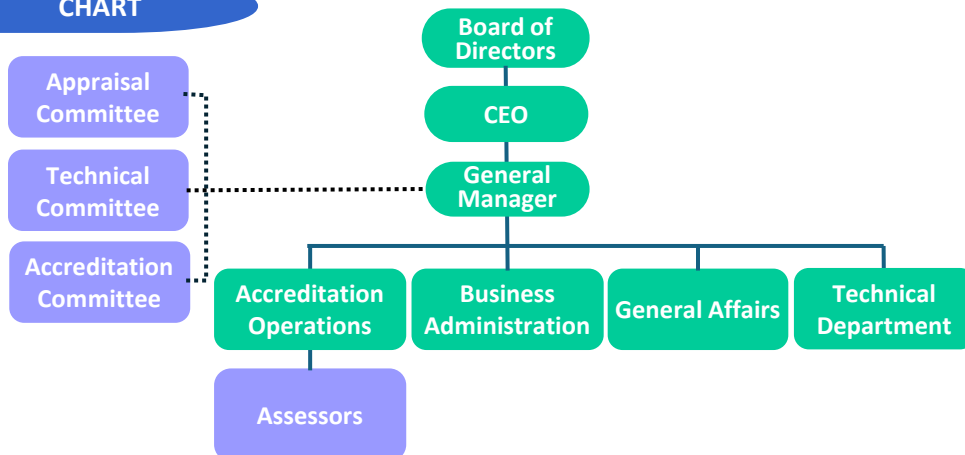
Accreditation contents

- ◆ Accreditation fields: Electromagnetic compatibility, communication equipment performance, acoustic noise, product safety, environment (environment and power consumption)
- ◆ Inspection method: Document review by auditors, on-site assessment
- ◆ Criteria: General requirements for laboratory certification (ISO/IEC 17025)
- ◆ Certification scope: Electromagnetic compatibility: JIS/IEC/CISPR standards, US FCC regulations/ANSI/Canadian standards, European EN/Australian standards, JAPANESE Electrical Appliance and Material Safety Act, VCCI council technical standards, etc. Products subject to electromagnetic compatibility: IT equipment, communication terminal equipment, AV equipment, medical, electrical and electronic equipment, ISM equipment, Automobile, and in-vehicle equipment, railway, ship, elevator-related equipment, etc. Communication equipment performance: US FCC /ANSI, Canadian standards, European ETSI/EN standards, etc. Radio frequency exposure: US FCC regulations, EN/IEC standards, etc. Low frequency electromagnetic compatibility: JIS/IEC/EN/Australian standards, etc. Acoustic noise: ISO/EN ISO/JIS standards, Blue Angel Mark, Japan Environment Association Eco Mark) Power efficiency: International Energy Star Program, US Energy Star Program Product safety: Home appliances, IT equipment, AV equipment, Medical electrical equipment, Control equipment, Measuring equipment
- ◆ For more information on the approach to certification, please refer to the ILAC website. <https://www.ilac.org>

CONTENTS

- ◆ Accreditation of conformity assessment bodies
- ◆ Research related to conformity assessment
- ◆ Technical and management education related to conformity assessment
- ◆ Provision and publication of information related to conformity assessment
- ◆ Contracted "VCCI Registration of Measurement Facility and Testing Laboratories"

CHART



Accreditation procedure

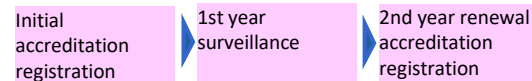


Please download the application form from <https://www.vlac.co.jp/english/appli/>.

The document assessment will focus on the management system based on the general requirements for laboratory accreditation (ISO/IEC 17025).

We will visit the laboratory and assessment the competence of laboratory management personnel based on the management system, technical capabilities related to measurement facility and test tools management, etc.

Maintaining Accreditation



Certification symbol



Certificate



Participation and cooperation with the Japan Accreditation Council (JAC *3)

Japan Accreditation Council (JAC) is currently composed of five organizations: IA Japan, ISMS-AC, JAB, JASaff, and VLAC. This council is to contribute to increase the reliability of all conformity assessment systems in Japan.

* 3 Japan Accreditation Council