

Electronic controls testing and certification



Kiwa has testing facilities for electronic controls based in the Netherlands, Italy, China, Turkey and the United Kingdom. Safety is one of our main goals. Based on many years of experience in testing electrical professional and domestic appliances, Kiwa offers a wide range of services for manufacturers and import/export companies to obtain access to global markets.

For many years Kiwa has been a Notified Body for the now Gas Appliance Regulation (GAR 2016/426/EU) (formerly Gas Appliances Directive (GAD), Low Voltage Directive (2014/35/EU), EMC Directive (2014/30/EU), Radio Equipment Directive (2014/53/EU) and Machinery Directive (2006/42/EC). Kiwa is also a partner of other the well know institutes (like VDE for example) and is able offer the following services for electrical products:

- CE testing;
- Kiwa certification;
- IECEE CB certification scheme;
- VDE certification;
- GS certification;
- Certification for North America.

Exporting electronic controls is impossible without the appropriate certification. Kiwa can help you avoid the complexity and cost of seeking compliance with a whole variety of national import requirements. Our electronic safety laboratory has been recognized by the IECEE as a Certification Body Testing Laboratory (CBTL). This means that we can provide you with an IEC test report, that can be used for CB certification. CB certificates are accepted in a larger number of countries worldwide.

Kiwa Netherlands is also appointed as NCB (National Certification Body). This means that Kiwa can issue a CB certificate based on an IEC test report (issued by an CBTL).

The electronics for controlling and safeguarding gas appliances and electrical appliances are becoming ever more complex. As a

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leading party in Europe Kiwa is also addressing all kind of standards under several directives to address these controlling and so called safety electronics. Certifications for non-European countries are also possible. Kiwa can test and certify according to the following standards:

- EN 298/ANSIZ21.20 / CSAC22.2 No. 199/for burner controls;
- EN 13611 for safety electronics;
- EN/IEC 60730 for household controls;
- EN/IEC 60335 for household appliances;
- EN 61508 for SIL assessment

If you wish to obtain access to global markets with your electronic product and components, you can ask for a quotation or information either by phone or e-mail. We will set up a plan according to your requirements. After approval of the quotation by both parties the actual test work starts. A certificate will be sent to you when all the test work has been performed successfully and you have entered into a surveillance agreement with Kiwa (for GAR only).

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