



Product Service

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Add value.

## Bearley - Midlands Office

**TÜV SÜD Product Service's Midlands branch is based at Bearley, near Stratford upon Avon, and offers a comprehensive range of testing and advisory services. Its services support the CE marking of consumer and industrial products for the European Union, provides access to many other markets throughout the world, and also services the Rail and Automotive industries. Conveniently located close to the M40 and M42 motorway network, Bearley's services include UKAS accredited EMC testing and internationally recognised safety testing.**

### **EMC testing delivers access to world markets**

The site EMC capabilities consist of 415Vac 32amp 3-phase, 230Vac 16amp and we have a product capability size of 2.2m high by 1.6m wide. We offer radiated immunity up to 5GHz and 30V/m as standard, but can test up to 80V/m with specialist set-ups.

Bearley is a UKAS accredited laboratory for EMC besides being accredited by the VCA (Vehicle Certification agency) to carry out testing for automotive customers and by the VCCI to test products destined for Japan. The laboratory is recognised under the international CB scheme for EMC, allowing test reports to be accepted by more than 50 certification bodies around the world. Bearley also has accreditations for FCC Part 15B (USA) and industry Canada for market access to North America.

### **EMC for many industries**

At TÜV SÜD's Bearley laboratory we can test to a wide variety of EMC test standards that cover IT equipment, laboratory/scientific equipment, consumer products and heavy industrial. Our Bearley laboratory is one of only a handful of labs accredited to test broadcast receiver products to EN 55013 and EN 55020.

In addition we also specialise in testing products destined for the rail environment and as such can cover the requirements of EN 50121-5, EN 50121-4 and EN 50121-3-2. The lab is a listed technical service for the Vehicle Certification Agency (VCA) so we can test aftermarket products to be fitted into vehicles covering the requirements of 2009/19/EC. As well as fully accredited testing to harmonized standards we can perform pre compliance/look-see testing as a cost effective alternative to a full test program. This is just a small snapshot of what we can offer; please contact us for more information.

### **Facilities fact file**

- 3m chamber
- 3/10 meter open area test site (OAT's)
- Safety laboratory
- 2 screened enclosures
- TV test lab

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### **Flexible safety testing for CE marking**

Combining safety testing to EU requirements with EMC testing allows us in most cases to cover everything necessary for the CE marking of your products, and provides you with the confidence that your products are compliant with EU legislation when placing them on the European market.

Our consultant Safety engineers can either carry out electrical safety testing at Bearley or at your own site (Testing at Manufacturer's Premises, TMP) and are able to test a wide variety of equipment including information technology, telecommunication, white goods, brown goods and laboratory products. Our test reports will ensure you meet the requirements of the European Low Voltage Directive (2006/95/EC) and the General Product Safety

Directive (2001/95/EC) with the TÜV SÜD brand being internationally recognised and accepted.

Our effective TMP service allows us to schedule testing at your premises at very short notice and to complete most test programmes within 3-4 working days, our engineer arriving with all the necessary test equipment to begin the test programme at your site. All we require from you is a suitable work area and electrical power supply. This service gives you the greatest opportunity to obtain compliance in the shortest possible timescales and our safety engineers are always on hand to help you achieve product compliance.

### **Advice from Safety experts**

As a cost-effective option on the route to compliance we can carry out product design reviews which cover all the critical constructional requirements including energy related hazards, fire, mechanical, heat, radiation, chemical, materials and components. This service is particularly effective for pre-compliance and for products constructed essentially from approved "Commercial Off The Shelf" parts.

We also offer a toy safety consultancy service provided by our toy expert who has over 12 years of experience working for leading international toy manufacturers. Services include assessments of suppliers' technical documentation for credibility and completeness, risk assessment of the design, compiling documentation on your behalf and gathering your safety evidence including any sample testing.

### **Benefits of using the Bearley facilities:**

- Benefits of using the Bearley facilities
- Confidence from working with EMC and safety experts
- Outstanding service: test reports are delivered within three days of completion of testing for EMC
- Advice from our experts in how to conduct your testing quickly and in the most effective way
- A one-stop EMC and safety service: all you needs in most cases for you to apply CE marking to your products

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