Automotive

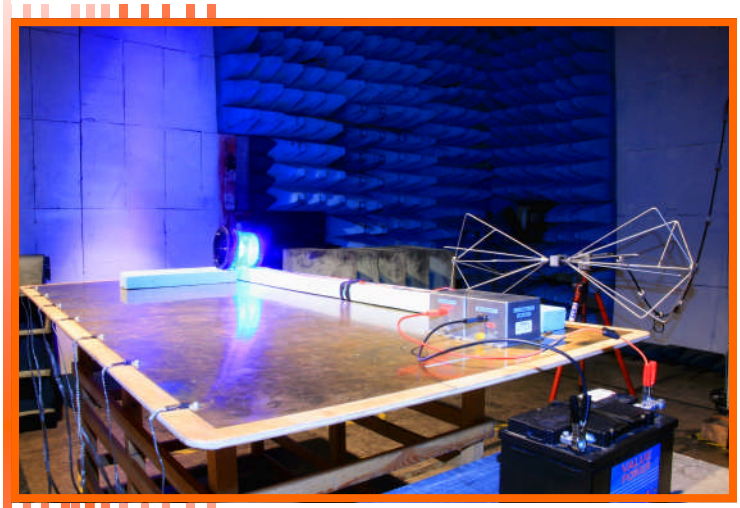
RN Electronics offer a fast and cost effective approach to EMC testing for the automotive sector.

As a Technical Service, we perform 'e' mark and Regulation 10 tests on electrical / electronic subassemblies (ESA) and components as well as devices intended for after-market fitment.

The safety conscious automotive market requires a rigorous approach to EMC testing with a third party Type Approval scheme in place throughout Europe. In the UK 'e' mark certificates are issued by the VCA who is the designated Type Approval authority. All components and ESA which are related to the functions of:

- direct control of the vehicle (e.g. engine, gear, brake, suspension, steering, speed limiting, driver position, driver visibility),
- driver, passenger and other road-user protection (e.g. airbag, seat belts),
- vehicle data bus (i.e. by blocking data transmission to other safety critical functions),
- vehicle statutory data (e.g. tachograph, odometer), and
- functions which when disturbed cause confusion to the driver

are required to be Type Approved and carry the 'e' mark.
'e' marking can also be applied voluntarily to other components and ESA.



RN Electronics has been testing automotive products for both Reg10 and the 'e' mark for several years and received UKAS accreditation for these activities in March 2008. In July 2009 RN Electronics was designated by the VCA as a Category A and D Technical Service.

As an autonomous Technical Service RN Electronics can offer testing at greatly reduced lead times and can act on our customers' behalf to obtain the 'e' mark certification from the VCA.

A similar scheme - the United Nations Regulation 10 tests – is recognised by many additional nations outside of Europe. RN Electronics can undertake this testing simultaneously with the European tests maximising coverage with minimal additional burden.

For further information contact RN Electronics, an established, cost effective and friendly service alternative to the whole vehicle test facilities.

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