



York **EMC** Services

Accredited by UKAS for EMC Testing

dti A DTI appointed Competent Body

THE UNIVERSITY *of* York



The covered open area test site (COATS) is built to conform to CISPR 22, CISPR 11, VCCI and FCC requirements. The site is equipped with a 3 metre diameter turntable with a capacity of 1 tonne.

Access to the COATS is directly from the vehicle yard and therefore large equipment can be accommodated. The COATS is provided with 230 volt 13 amp 50 Hz single phase supply, 415 volt 32 amp 50 Hz three phase supply and 120 volt 18 amp 60 Hz single phase supply.

There are three screened chambers at the EMC Test Centre. The first chamber, shown left, is a resonance damped chamber whose reverberation characteristics have been closely matched to the COATS. This chamber is mainly used for pre compliance radiated emissions and compliance conducted emissions measurement. Access to the chamber is from the vehicle yard. This chamber is also able to provide a 400 volt 200 amp three phase supply.

The second chamber shown in the picture on the right of this text is a semi anechoic chamber which is lined with Radio Absorbent Material. The chamber is mainly used for radiated immunity and for antenna testing. The chamber is equipped with a 2 metre diameter turntable with a capacity of 2 tonne.

Access to the chamber is directly from the vehicle yard and so large equipment can be accommodated.

The third chamber is equipped for ESD, EFT and Surge testing.

All chambers have 230V 13 amp 50 Hz single phase supply, 415V 32 amp three phase supply and 120V 18 amp single phase supply.

DONIBRISTLE TEST FACILITIES



The EMC Test Centre at Donibristle is Accredited by UKAS for EMC Testing. The Scope of Accreditation covers, among other standards, the majority of the European Harmonised Norms, FCC Volume 47 Parts 15 and 18, IEC, Lloyds, OIML and ETS Standards. For a full listing of the Accredited standards please refer to our UKAS Schedule.



The EMC Test Centre at Donibristle is Listed by the FCC for emission testing to the requirements of FCC Volume 47 Parts 15 and 18.



The EMC Test Centre at Donibristle is registered by the VCCI (Japanese information technology equipment voluntary emissions scheme) for the full EMC requirement for the Japanese market.



Test Results from the EMC Test Centre at Donibristle are recognised by the Radio Agency as suitable for demonstrating compliance for Radio Type Approval and Radio Type Examination testing of short range devices.



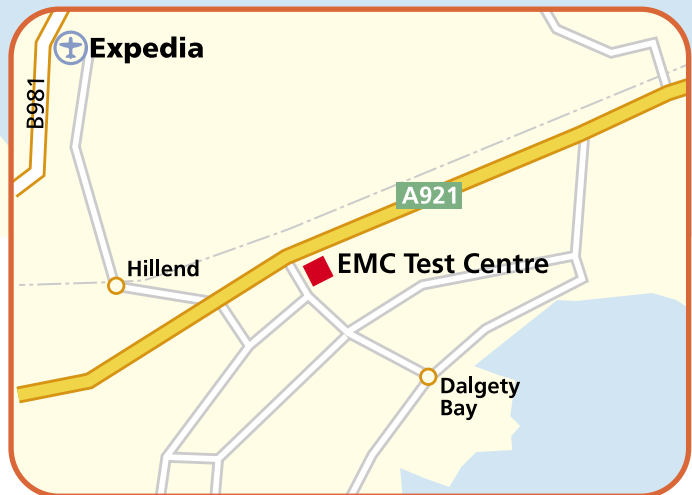
York EMC Services Ltd has been appointed as a Competent Body for EMC assessment of Technical Construction Files.





Directions to the Donibristle test facilities

After crossing the Forth Road Bridge take the second slip road signposted A921 to Kirkcaldy. Go past the double roundabout at Inverkeithing and at the second roundabout on the A 921 take the second exit signposted Dalgety Bay West. Take the first left into the Donibristle Industrial Park (Dobbies Garden Centre on right). Take the next left into the car park. The EMC Test Centre is at the rear of the car park.



York **EMC** Services Ltd

EMC Test Centre

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