

Fluid Susceptibility Testing at Smithers Rapra

The global aviation markets are demanding ever increasing product qualification requirements, ensuring that aerospace components are fully compatible with the changing environments in which they operate.

Many aviation products are required to operate in locations where they will be susceptible to accidental or deliberate fluid contamination, where material degradation as a result of fluid susceptibility can lead to premature failure.

Amongst the wide range of testing and consultancy services that Smithers Rapra offers, we have the capacity to provide Fluid Susceptibility Testing to a number of recognised aerospace standards or customer specific parameters. Our test equipment has been developed and proven on site and is flexible to satisfy demanding testing criteria.

Examples of standards that we currently test to are:

- EUROCAE
- RTCA/DO-160
- DEF STAN 00-35 Part 3 Test CN4
- MIL-STD-810

We have available an extensive range of fluids that can be applied over a wide temperature range, via spraying, brushing, or immersion. Components or material samples of various dimensions and geometry, ranging from fabrics to large components can be tested in various chamber sizes. This facility is backed by a comprehensive range of material and product testing capabilities.

Smithers Rapra has a proven track record in providing a rapid and flexible fluid susceptibility testing service. Working closely with our customers, we successfully meet the quality and audit needs of the aerospace and defence markets.

For further information, or to discuss your individual requirements, please contact the Smithers Rapra Enquiry Bureau E-mail: info@rapra.net, Telephone: +44 (0)1939 252449.



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