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airmid further expands microbiological testing service with BS ISO 16869: 2008 Assessment of the effectiveness of fungistatic compounds in plastics formulations

Dublin, Ireland July 9th 2012 - airmid healthgroup has announced today a further expansion of its range of antimicrobial surface validation studies. Today they are adding antifungal testing to their exciting comprehensive antimicrobial and biocidal efficacy testing.

In general, plastics materials are superior in terms of corrosion and are widely used in numerous industry and healthcare applications. However, damage to plastic materials due to fungi can be problematic as fungal growth can be a cause of primary infection or induce an environment where bacteria can form colonies. It is, therefore, desirable to employ antifungal plastics materials in healthcare applications and other high humidity environments. Various antifungal agents have recently been developed in order to prevent deterioration of plastic due to fungi, however, they have varying degrees of effectiveness when deployed.

Building on their successful research presentation at the 2011 European Innovation Convention, the test method now being offered by airmid's microbiology department is BS ISO 16869: 2008, a method used to demonstrate the effectiveness of a fungistatic compound on a treated plastic.

airmid healthgroup, a specialist in the area of indoor air biocontamination and antimicrobial testing, has particular expertise in looking at these issues. Testing in line with standard protocols may well be required for national and international regulatory bodies or technical and legal compliance centres. However, airmid also has the ability to modify these tests to the requirements of our clients by varying experimental conditions such as the exposure time, concentrations, or types of organisms used.

John Fallon, PhD, who heads up the microbiology testing laboratory said airmid is uniquely placed to provide this service because "we have the ability to carry out testing

from the bench top in the lab, to testing in an environmental chamber and then on to environmental field trials.”

The fungistatic effectiveness test; BS ISO 16869, with and without bespoke modifications is currently available. Additional tests for antifungal technologies will also include ASTM C1338; ASTM D2020; ASTM D3273; ASTM D4300; ASTM G21 and ISO 16869

For more information, visit www.airmidhealthgroup.com/micro or call Fraser Hodgson on +353 1 6336820 or Email: fraserhodgson@airmidhealthgroup.com