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Order April 16, 2007/Göran Wikström.

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Ozone generation of LightAir ionizer

Test method The ozone generation of the LightAir ionizer provided by LightAir AB was studied in a 34.6 m³ test room (3.46 m x 3.82 m x 2.62 m) equipped with a ventilation system which provides a controlled air change rate of 0.5 air changes/h. The supply air flow was filtered with an activated carbon filter in order to eliminate the effect of minor ozone concentration in the unfiltered supply air flow.

The test included the measurement of the steady-state ozone concentration in the test room, i.e. ionizer was operated several hours in the test room and the ozone concentration was registered continuously to determine the equilibrium ozone level. The measurements were made with Environnement s.a O₃41 M ozone meter.

Results According to the measurements the steady-state ozone concentration in the test room operated with 0.5 air changes per hour was below the detection limit of the measurement instrument (0.002 ppm). This is an indication of negligible ozone generation of the LightAir ionizer.

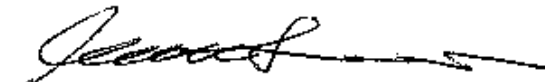
Tampere, August 16 2007

Technology Manager



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APPENDICES -

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