

SGS Natec Institute - Fungi (Mold) and Bacteria

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Div. Microbiology, Behringstraße 154, D-22763 Hamburg

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NA 00 0338

C & M Representacoes, Lda., Lisboa, Portugal

By order of C & M Representacoes, Lda, Lisboa, Dr. Carlos Matias, of August, 2000 we executed during September to November 2000 air analyses in two different rooms of the NATEC Institut. These rooms are office rooms with normal equipment, with carpets and air condition.

In each of the rooms, which are of ca. 30 m³, it has been installed an Airfree Air Sterilizer. Concerning the technical installation we acted according to the polyglot prospectus which had been put at our disposal, called „Airfree Air Sterilizer“.

During 6 weeks which the apparatus was running in the two rooms, it has been determined at the beginning and at the end of each week the total colony count respectivel yeasts and moulds, with petri-dishes (1/2 h. opening for sedimentation) as well as with an airsampler of RCS.

Results:

The results have been stated according to each room on two different pages, and they are showing that from the beginning of installing a continuous reduction, especially of the total colony count, can be observed, whereas these values are stated especially at examination of the airsampler per m³.

After 6 weeks of continuous running of the Airfree Air Sterilizer the apparatus has been stopped, and for further 4 weeks the air in both rooms has been examined with both methods. The results are showing that after stopping of the Airfree Air Sterilizer the total colony count, but also the number of moulds, in the air of the rooms clearly increased.

Summary:

Due to the obtained results it can be confirmed a microbiological improvement of the air in rooms under continuous running of the Airfree Air Sterilizer.

Hamburg, 15th November, 2000

NATEC Institut
für naturwissenschaftlich-
technische Dienste GmbH

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Akkreditiert nach
DIN EN 45001
für die in der Urkunde
genannten Prüfarten
und -verfahren.



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Mitglied der SGS-Gruppe · Sitz der Gesellschaft: Hamburg · Amtsgericht Hamburg HRB 14087
Geschäftsführer: Dipl. Biol. Regina Zschaler · Dr. Hermann-Josef Nienhoff · Erfüllungsort und Gerichtsstand:
Hamburg · Die Veröffentlichung von Ergebnissen unserer Arbeiten und Gutachten sowie die Verwendung
für Werbezwecke bedürfen - auch auszugsweise - unserer schriftlichen Genehmigung.



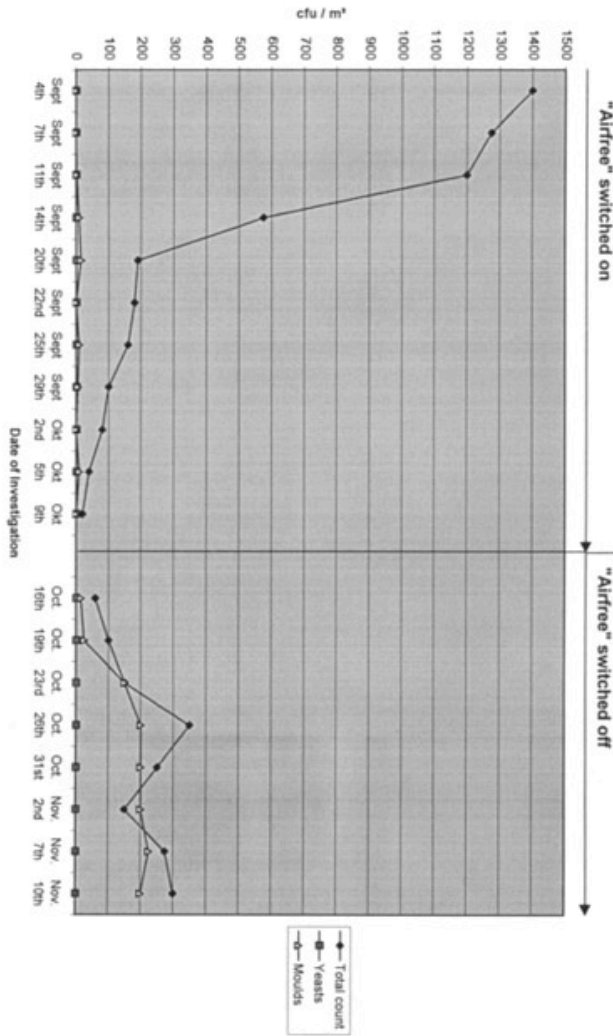
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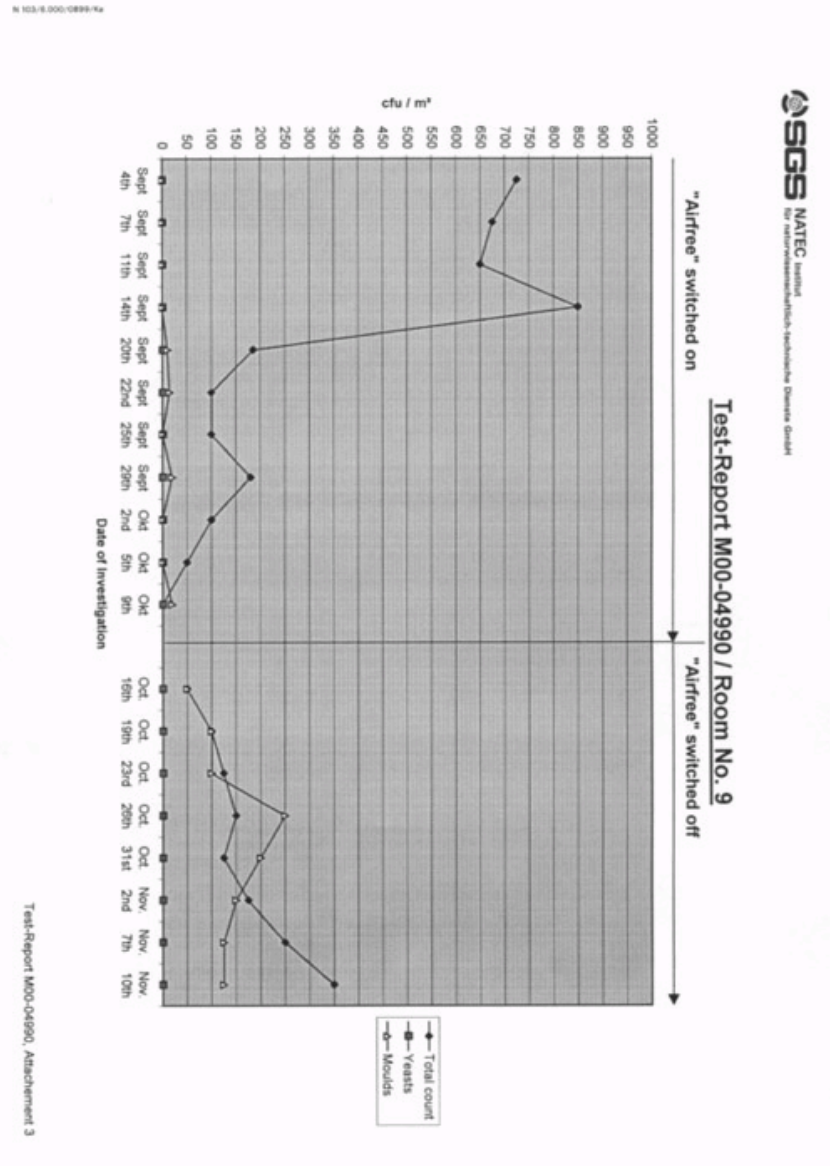
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Test-Report M00-04990 / Room No. 11



Test-Report M00-04990, Attachment 4



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