

**Dragon, Karen E. (CDC/NIOSH/EID)**

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**From:** Larry Green [lgreen@bio-md.com]  
**Sent:** Friday, June 29, 2007 6:16 PM  
**To:** NIOSH Docket Office (CDC)  
**Subject:** docket # NIOSH-036

At the 6/26 meeting Dale Pfriem mentioned a concern as to using the same room for both NaCl and Corn Oil TIL testing.

This concern is valid regardless of the available space.

In conducting silica dust testing we have noticed that preconditioning the chamber is an absolute necessity. We do not use our chamber continuously and have found that in order to have stable concentrations we must run the chamber for at least 8 hours a day for 4 days prior to conducting tests. If the chamber is moved or cleaned the preconditioning period goes up.

While I have not used them in my chamber, I believe the same will be true for chambers used for NaCl or Corn Oil. If so, the preconditioning time will make the combined chamber almost impossible to use effectively.

I feel both Gary Fletcher (NIOSH, Morgantown) and Mr. Phriem as well as anyone who has experience with silica dust and other particulate chamber testing will agree that there is a high potential for problems with this scenario.

You may even look into problems associated with changing between NaCl and DOP on your TSI filter testers.

Larry Green  
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