



98-010 REV B

2 May, 2007

PARTICULATE FILTERS ON OZONE ANALYZERS

I. SCOPE:

To inform our customers about the particulate filters in ozone analyzers and what affect contamination has on the output of the analyzer.

II. TOOLS REQUIRED:

None

III. PARTS:

None

IV. PROCEDURE:

We have found that any contamination on particulate filters or the particulate filter holders can affect the output of the analyzer for 15 min. to an hour. This contamination can be as little as fingerprints on the filter material or on the "wet" surfaces of the filter housing. What we recommend is that when you change the particulate filter, handle the filter and "wet" surfaces of the filter housing as little as possible. Try not to touch any part of the filter housing with your fingers, in particular the filter housing, filter element, Teflon retaining ring, glass cover and the Viton o-ring. If you start up the analyzer after changing the particulate filter you might see a slight decrease in concentration when you are at your span point. If this is the case, allow the unit to run until the concentration comes up to your expected span value.

If you have any questions about this or any of the other API products, please contact the API service department.