ATTACHMENT 19
E-mail from Nicholas Kyriazi, CDC/NIOSH/NPPTL, to Mike Kay, Engineering
Manager, Ocenco, Incorporated (March 10, 2009)

COMMENTS TO PROPOSED RULE ON APPROVAL TESTS AND
STANDARDS FOR CLOSED-CIRCUIT ESCAPE RESPIRATORS

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Prepared by Ocenco, Incorporated

April 10, 2009
From: Kyriazi, Nicholas (CDC/NIOSH/NPPTL) [nbk9@cdc.gov]
Sent: Tuesday, March 10, 2009 1:22 PM
To: Mike Kay
Subject: RE: Performance tests

No, we have not run any at the 2.5 L/min VO2 yet. I'll do that one also, if we have any. That test does not call for exhaling first.

---Original Message-----
From: Kyriazi, Nicholas (CDC/NIOSH/NPPTL) [mailto:nbk9@cdc.gov]
Sent: Tuesday, March 10, 2009 12:51 PM
To: mikekay@ocenco.com
Subject: Performance tests

Capacity tests are equivalent to all the tests in the Long-Term Field Evaluation, at 1.35 L/min VO2. That data is given in the reports. We ran only one M-20 in the Performance test so far, and it's not a clean test. You can read the comments at the bottom of the file. I will ask Jack if we have any more to test. If we do, I'll run another and share the results. We did exhale twice to start the test, but the mouthpiece fell out and we had serious leaks at the beginning.

<<M20X253617.mit_1262009.xls>>

We have not run any Performance tests on EBAs since these three from 1996 and 1998. Read the qualifying comments at the bottom of each file. I believe that we did not exhale twice before the tests.

<<O9790120.MLT.xls>> <<O90105.MLT.xls>> <<O9790072.MLT.xls>>