

From: "Carl Ensfield" <censfield@sensors-inc.com>
To: "Michael Sabisch" <Michael.Sabisch@erg.com>, <Fulper.Carlr@epamail.epa.g...>
Date: 3/3/2009 4:15 PM
Subject: Smaller flow calibration files
Attachments: MPS_I06SM02_EFT_35588_4 021009.zix; EFM calibrations 071508.xls

Michael and Carl,

Here is the flow calibration data from July 08 and Feb 09. I combined the 08 data into a single summary file. I reduced the file sizes and compressed the Feb 09 files into one .zip file, and changed the extension to .zix so you can receive it). Change the extension back to .zip once downloaded).

Everything looks good except the 5", which actually failed the Feb 09 test. After a few hours investigating yesterday, I found that the pitot tube was not inserted properly. After I corrected this, I spot checked a few points this morning and it now looks good. I did not have a chance to re-run the entire test. It's kind of time consuming to run these tests, because there is no way to record the LFE data with this MPS setup. You have to record by hand.

Anyway, we used the 4" for nearly all of the tests, and it came out fine, as did the 2.5" (didn't use at all) and the 3".

Carl

<<MPS_I06SM02_EFT_35588_4 021009.zix>> <<EFM calibrations 071508.xls>>

Followup:

From: Michael Sabisch [mailto:Michael.Sabisch@erg.com]
Sent: Tuesday, March 03, 2009 5:21 PM
To: Carl Ensfield
Subject: Re: Smaller flow calibration files

I got this one, thanks Carl.

So, what are the implications of the 5" flowmeter used in Phase 3?

>>> "Carl Ensfield" <censfield@sensors-inc.com> 3/3/2009 4:25 PM >>>

If we assume that the tube was like this during testing, then the readings would be low by about 8%. We can correct this in SAS rather easily.

The only reason anyone would have for removing the pitot tube is for cleaning. Maybe this was done when the hose/boot melted? I'll ask the guys.

Carl

From: Michael Sabisch [mailto:Michael.Sabisch@erg.com]

Sent: Tuesday, March 03, 2009 5:50 PM

To: Carl Ensfield

Subject: RE: Smaller flow calibration files

Thanks Carl. Once you talk w/ the guys, we can talk about whether or not to apply corrections to the 5" in SAS.