AUG 2 2011

Mr. Bryan Tyler
Enthalpy Environmental, Inc.
2202 Ellis Road, Suite A
Durham, NC 27703-5518

Dear Mr. Tyler:

This is in response to your correspondence of July 20, 2011, asking permission to use Method 15 in place of ASTM D4084-07 to determine hydrogen sulfide (H₂S) in fuel gas at boilers regulated under 40 CFR Part 63, Subpart DDDDDD. The H₂S is determined by lead acetate tape monitoring in ASTM D4084-07, and the sample may be collected for analysis off-site. You propose to collect the samples in specially coated Sulfinert sample bombs for shipment to Enthalpy for laboratory analysis.

Method 15 is an acceptable alternative to ASTM D4084-07 and is the standard method of measuring H₂S in refinery fuel gas. We believe Method 15 and ASTM D4084-07 give comparable results in this application and, therefore, approve your request. This approval may be applied to any facility that is covered by 40 CFR Part 63, Subpart DDDDDD. We will post this broad approval on our web site at http://www.epa.gov/tnn/emc/approval.html for use by other interested parties.

If you have questions or would like to discuss the matter further, please call Foston Curtis at (919) 541-1063, or you may e-mail him at curtis.foston@epa.gov.

Sincerely,

Conniesue Oldham, Ph.D., Group Leader
Measurement Technology Group

cc: Foston Curtis, EPA/E143-02
Lewis Adams, METCo Environmental