

AGAT Laboratories 

Benzene Emissions and DEOS Sheets

AGAT Laboratories has specific packages, programs and sampling routines to measure benzene emissions specifically from glycol dehydrators assisting producers in meeting the requirements of Directive 039.

AGAT technicians ensure that the sample point chosen is optimal for the type of sample being captured using the proper equipment. For dehydrator inlet gas samples, the recommended DOT certified aluminum cylinder for collection is used. AGAT Laboratories also samples lean and rich glycols in amber glass vials. Analyses are conducted to determine the amount of water and of volatile organic compounds (benzene) in the samples.

Dehydrator Engineering and Operations Sheet (DEOS) is a summarized listing of the operational specifics of the dehydrator as well as a graphical plot relating the wet gas water content, glycol circulation rate and the annual vent stack benzene and methane emissions.

The specifics of this sheet for each dehydrator are to be posted on site and updated annually or when any relocations or status changes of the dehydrator occur.

As an added service, qualified AGAT technicians are able to schedule annual sampling as well as generate and maintain these sheets with an AER compliant DEOS graph on the client's behalf.

When choosing a potential laboratory service provider the end user should take into account the following considerations:

- The level of training provided to a laboratory's technicians.
- The laboratory's overall commitment to quality and customer service.
- The analytical and operational techniques used by the laboratory being considered.

AGAT recognizes that every aspect of analytical and sampling procedures must be completed under strict quality controls, otherwise the accuracy of the results may be compromised. AGAT field technicians and analytical staff are qualified and fully trained to report accurate estimates that will maintain your dehydrator systems within AER Directive 039 compliance.