



eBrief

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TRAINING

Space still available in the Denver GPSA Engineering Data Book Training Course, March 25 - 29

Now on its 14th edition, the GPSA Engineering Data Book serves as a guide to accepted engineering practices for estimating, feasibility studies, preliminary design, and for making operating decisions, and the GPSA Engineering Data Book Training Course helps professionals put the book to practical use in their day-to-day tasks. Space is still available in our next course scheduled for March 25 – 29 in Denver.

“The caliber of instructors combined with the information presented rivals any of the top training providers out there,” said GPA Midstream Director of Technical Services Martin Erne. “Our intention is to provide practical, hands-on and industry-specific education developed by subject matter experts who use the GPSA Engineering Data Book daily.”

Denver is a great host city for this course because it has a strong midstream technical personnel presence, and those in that area best suited for this course – midstream engineers, operators, plant personnel and technical personnel - often have to seek out similar training options outside of Colorado.

The five-day course costs \$2,500 for GPA Midstream and GPSA members and \$3,500 for non-members. The class size is limited to 25 and available on a first-come, first-served basis.

[View more information and register here.](#)

GPA MIDSTREAM CONVENTION

Join us in San Antonio, April 14 - 17, for ...

- 18 forums covering technical, commercial and advocacy

- 55 presentations
- 30+ committee meetings
- 40+ hospitality events and other networking opportunities

Will you be there? Nearly 1,600 midstream professionals have already registered, and the next deadline to save on registration is April 5. [Take a look at the registration list](#) to see who's planning to be there.

Online registration will remain open up until the conference begins, and we highly recommend registering online in advance to ensure a quick and easy check-in process when you arrive. [See what's on the schedule](#) and [register now](#).

GOVERNMENT AFFAIRS

GPA Midstream participates in Texas Energy Day

On Feb. 20, close to 700 people tied to the oil and gas industry descended on Austin for the annual Texas Energy Day. The purpose of Texas Energy Day is to highlight and share with lawmakers why oil and natural gas matters to them and the state of Texas. GPA Midstream was one of the 60 companies, chambers and associations supporting the day.

GPA Midstream Chairman-Elect Bill Ward, Superior Pipeline, along with GPA Midstream President and CEO Mark Sutton, GPA Midstream Vice President of Government Affairs Matt Hite, and GPA Midstream Manager of State Government Affairs Laura Chandler attended the event and met with Texas legislators. A number of GPA Midstream companies also participated, including Williams and Energy Transfer.

We extend our sincere appreciation to the Texas Oil and Gas Association (TXOGA) for all of their efforts in organizing and running this important event.



GPA Midstream President and CEO Mark Sutton and GPA Midstream Manager of State Government Affairs Laura Chandler view an Energy Transfer pig display at Texas Energy Day.

PHMSA's GPAC meeting rescheduled for June

GPA Midstream received notification from the Pipeline and Hazardous Materials Safety Administration (PHMSA) that the Gas Pipeline Advisory Committee (GPAC) meeting originally slated for January 2019 has been rescheduled for June 25-26 in Washington, D.C. The joint GPAC/ Liquid Pipeline Advisory Committee (LPAC) meeting that was supposed to take place in January 2019 will be rescheduled, but PHMSA has not set a date for that meeting. GPA Midstream will release information about the meetings as it becomes available. For more information about the meetings, please reach out to [Matt Hite](#).

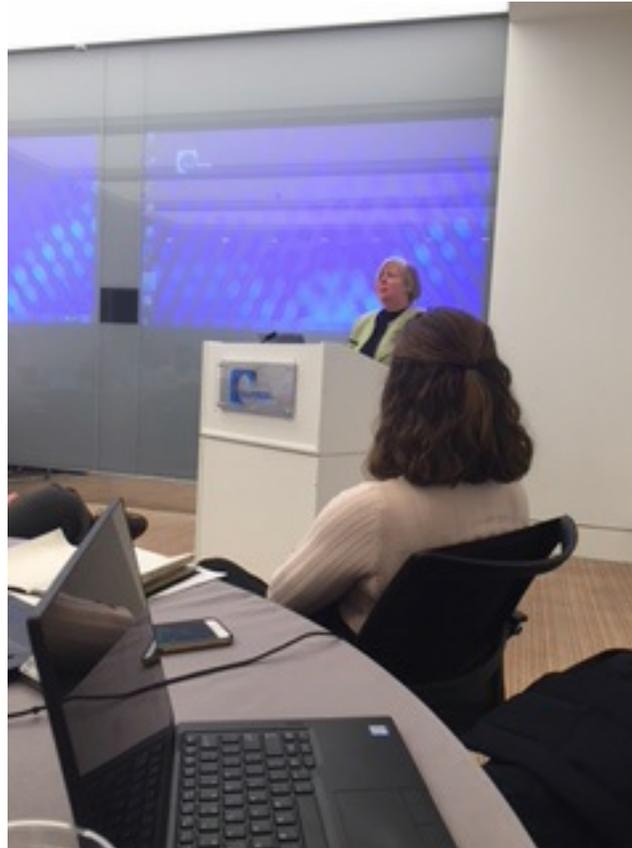
GPA Midstream hosts its first Environmental Committee and Natural Resources Subcommittee joint meetings in Washington, D.C.

On Jan. 29, GPA Midstream's Environmental Committee and Natural Resources Subcommittee convened in our nation's capital for meetings to discuss issues of critical importance to the association and its member companies. Members of the committees engaged in productive, robust discussions throughout the day on topics such as Quad OOOOa, Subpart W, natural resource issues, and Waters of the United States (WOTUS).

One particularly new aspect of the meetings was inviting a number of agency speakers to the meetings, including Susan Bodine, assistant administrator of the Environmental Protection Agency's (EPA) Office of Enforcement and Compliance Assurance; Clint

Woods, deputy administrator for EPA's Office of Air and Radiation; David Harlow, senior counsel for EPA's Office of Air and Radiation; and Lee Forsgren, deputy administrator of EPA's Office of Water.

GPA Midstream would like to extend a huge thank you to Environmental Committee Chair Adrienne Sandoval, Marathon; Environmental Committee Vice Chair Jaron Hill, Tapstone Energy; Natural Resources Subcommittee Chair Rudy Salazar, Targa Resources; and Natural Resources Subcommittee Vice Chair Patrick Jacobs, EnLink, for their help in putting together this successful event.



Susan Bodine, assistant administrator of EPA's Office of Enforcement and Compliance Assurance, addresses GPA Midstream Environmental Committee and Natural Resources Subcommittee members.



Lee Forsgren, deputy administrator of EPA's Office of Water, addressed the GPA Midstream committee members as well.



Clint Woods, deputy administrator of EPA's Office of Air and Radiation, along with David Harlow, senior counsel in EPA's Office of Air and Radiation, also addressed committee members during the meetings last month.

New Mexico files Gas Processors Surtax Bill, Texas files Contractor Bill

In New Mexico, Sen. William P. Soules (D – Doña Ana) filed SB 393. If passed, the bill would phase in a natural gas processors surtax of \$3 per MMBTU by 2024. The bill was referred to the Senate Corporations & Transportation Committee and the Senate Finance Committee. To pass, the bill would need to be voted favorably from Senate Corporations, then Senate Finance, before it would move to the Senate Chamber for a vote. If it passes the Senate, it will then move to the House. Currently, SB 393 has yet to be scheduled for its first Senate committee hearing and session ends March 16. GPA Midstream is actively engaged and will provide updates if any action is taken on the bill.

In Texas, Chair of House Energy Resources Committee Rep. Chris Paddie (R – Marshall), filed HB 1522 that prohibits a downstream, midstream or upstream company from requiring an independent contractor to enter into a covenant non-compete that restricts the contractor from performing work or providing a service for another entity engaged in a downstream, midstream or upstream oil and gas operation. The bill also defines upstream, midstream and downstream under Chapter 15, Business & Commerce Code. The bill defines “midstream oil and gas operation” to mean an activity associated with the transportation, processing and storage of oil and gas between the upstream oil and gas operation and the downstream oil and gas operation, including safety-related activities. GPA Midstream is working diligently on the issue and will provide more

RESEARCH/TECHNICAL

GPA Midstream technical ballot underway

Earlier this week, Facility Design, Operation & Maintenance Committee members received a ballot for the approval of six new operations daily checklists and revision of the *Survey of Recent Plant Spacing Recommendations* document, all available for review below. Everyone is welcome to participate in the ballots, but only votes from voting members of the appropriate committee will count toward the official tally. All comments, including those from outside the committee, will be reviewed and considered.

[Amine Treating Systems Check List](#)

[Centrifugal Compressors Check List](#)

[Centrifugal Pumps Check List](#)

[Condensate Stabilization Systems Check List](#)

[Measurement Balance Check List](#)

[Oil-Bearing Turbo Expanders Check List](#)

[Survey of Recent Plant Spacing Recommendations](#)

The ballot will be open through March 26. [View the ballot.](#)

New workgroup formed to standardize flash liberation determination method

The Analysis, Test Methods & Product Specifications Committee has started a new workgroup to establish a GPA Midstream method that defines a standard methodology for the determination of the volume and composition of flash gas emissions released from pressurized hydrocarbon liquid mixtures. Flash liberation has become an increasingly common method for determining the volume and composition of flash gas emissions emitted by crude and condensate storage tanks. However, a standardized procedure has not yet been created. While certain official guidance documents like CARB and CDPHE Memo 17-01 outline a rough procedure, details surrounding the analytical set up and methodology lacks. The lack of standardization results in considerable inter-laboratory differences among standard operating procedures that can influence the results of the test. Since the flash liberation test is being used increasingly for regulatory purposes, measurement, allocation correction and royalty calculations, it is necessary to formally define a procedure that standardizes the methodology and ensures fidelity of results between labs.

GPA Midstream Cooperative Research Program publishes Research Reports 238, 239

The GPA Midstream Research Committee has completed project 142 which was conducted to help fill in the data gap present in measurements of mercaptan experimental data of interest to the midstream industry. Due to the large amount of measured data, the results of project 142 have been divided into two parts: Part I (RR-238); and Part II (RR-239). Gas processing plants use varieties of amine solvents in their acid gas removal units, which also remove sulfur compounds. The co-removal of mercaptans is often desirable because of sulfur limitations in product specifications. In order to predict the removal, it is important to enhance the simulator predictive capabilities by measuring the values needed to develop accurate tools. Dr. Stanley Huang, Chevron, served as the Research Committee member who oversaw ARMINES' investigation led by Dr. Christophe Coquelet. GPA Midstream research reports are available to all research sponsors and for purchase by non-sponsors. Contact Publications Administrator [Janet Griggs](#) for assistance in purchasing RR-238, 239 or other reports.

GPA Midstream Cooperative Research Program publishes Research Report 240

The GPA Midstream Research Committee has completed project 112 which was conducted to better comprehend the rate of formation and the nature of the solid CO₂ generated in gaseous and liquid hydrocarbon systems at cold temperatures. These data can be used to improve understanding of the operation of cryogenic processes involving CO₂-containing gases. This information may lead to the development of processes that reduce or inhibit solidification. Carbon dioxide (CO₂) is frequently a contaminant of raw natural gas. Depending on the downstream process requirements, the CO₂ may have to be removed to low levels to avoid freeze out on cold process surfaces. This research project was intended to address questions around CO₂ solidification in case treating specifications are not met, or if some upset condition (e.g., relief of high-CO₂ gas) generates solid CO₂ in the process. Dr. Scott Northrop, ExxonMobil, served as the Research Committee member who oversaw ARMINES' investigation led by Dr. Paolo Stringari. GPA Midstream research reports are available to all research sponsors and for purchase by non-sponsors. Contact Publications Administrator [Janet Griggs](#) for assistance in purchasing RR-240 or other reports.

CHAPTERS

APPALACHIAN BASIN

Appalachian Basin GPA Midstream to participate in the “Great Gathering VI”

Appalachian Basin GPA Midstream has partnered with the Pittsburgh Business Exchange for the “Great Gathering VI,” the sixth annual business mixer hosted by 19 chambers of

commerce and other business and energy associations at the Hilton Garden Inn at Southpointe, Canonsburg, Pa. The event is scheduled for March 20 from 6 – 9 p.m., and registration is now open with early bird rates. For more information and to register, visit www.GreatGathering2019.com.

HOUSTON

Houston GPA Midstream Morning Training & Luncheon

Join the Houston GPA Midstream chapter for education, lunch and networking on March 13 at the Houston Racquet Club. Morning training begins at 8:15 a.m., and the luncheon will start at 11:15 a.m.

Lunch is included in the price of the morning training session, which is \$195 for members and \$230 for non-members.

The cost for the luncheon only is \$50 for members and \$75 for non-members. For more information or to register, visit the [Houston GPA Midstream website](#).

Houston GPA Midstream Sporting Clays

A Houston GPA Midstream sporting clays event is scheduled for March 15 from 11 a.m. to 5 p.m. at the American Shooting Center in Houston. Registration options include a full 5-person team for \$975 or \$195 for individual shooters that will be placed on a team. This networking event includes door prizes and raffles with a chance to win a shotgun. For more information or to register, visit the [Houston GPA Midstream website](#).

MIDCONTINENT

MidContinent GPA Midstream Operations Training

MidContinent GPA Midstream will host operations training on “Mol Sieve Dehydration and Propane Refrigeration” presented by instructor Harvey Malino, Petroskills. This training session is scheduled for March 7, 9 a.m. – 3 p.m. at the Canadian Valley Technology Center in Chickasha, Okla. The cost is \$50 for members and \$100 for non-members. For more information or to register, visit the [MidContinent GPA Midstream website](#).

NORTH TEXAS

North Texas GPA Midstream accepting scholarship applications

North Texas GPA (NTGPA) Midstream is accepting applications for the chapter's 2019 scholarship program. Students enrolled in accredited two- and four-year universities studying engineering, engineering technology, process technology, heavy equipment maintenance, or similar degree programs are welcome to apply. It is the goal of the

NTGPA Scholarship Program to encourage students to enter careers in the gas processing and midstream industry. Applicants are encouraged to make note of personal interests or relationships, course work, or summer internships related to the oil and gas energy industry.

[Download the scholarship application](#) and note the June 15 deadline.

ROCKY MOUNTAIN

Rocky Mountain GPA Midstream Annual Ski Bus & Casino Night

Rocky Mountain GPA Midstream will host its 22nd annual Ski Bus and Casino on March 8 at Copper Mountain, Colo., from 6:30 a.m. - 6:30 p.m. A number of options are available, from skiing and snowmobiling to tubing.

For more information on options and pricing, visit the [Rocky Mountain GPA Midstream website](#).

GPA Midstream/GPSA Calendar

March

7 - MidContinent GPA Midstream Operations Training

8 - Rocky Mountain GPA Midstream Annual Ski Bus

10 - GPA Gulf Cooperation Council (GCC) Gas Sweetening 2 Day Workshop

12-14 - GPA Europe & GPA GCC Technical Conference

13 - Houston GPA Midstream March Luncheon

15 - Houston GPA Midstream Sporting Clays

20 - Appalachian Basin GPA Midstream Great Gathering VI

25-29 - GPSA Engineering Data Book Training

[Learn more about the events listed above.](#)