



B3PE Newsletter

Engineering And Software For The Natural Gas Industry

July 2021

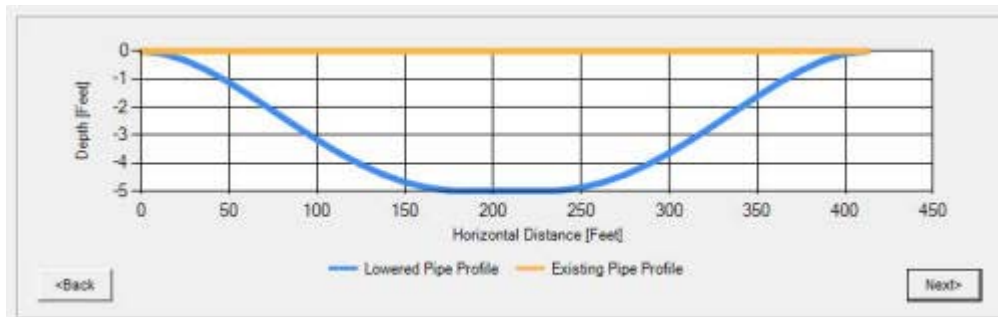
Lower Pipes Safely With GASCalc



GASCalc now supports *API Recommended Practice 1117 for Movement in In-service Pipelines* with our new Pipe Lowering screen. We have modified the original method to allow for calculations using plastic pipe - API RP 1117 is specific to steel - and for an elevation profile to be used, instead of assuming a horizontal profile.

To use it, open the **Pipe** menu and select the **Pipe Lowering** item. Enter your pipe material properties, operating conditions, and data about the obstruction - its length, how much the pipe needs to be lowered, etc.

Results are presented as a table of pipe depths or elevations, reported at regular intervals in survey "station" format. There is also a graph of the pipe profile (shown below), as well as the calculated stress values induced by the movement operation.



Get the new Pipe Lowering screen, along with other bug fixes and enhancements, in the latest GASCalc update, posted **July 7**. For the full list of what is included in the latest update, see the [Update Notes](#).

Don't forget that you can update your GASCalc property tables, too. Go to **Help** and **Check For Property Table Updates** to see if a newer property table is available.

If you want to get started with the new GASCalc, or if you have an older version and would like to upgrade, [pricing](#) can be found on our website. For those who want to try it out first, you can download the [demo](#). To place an order, fill out an [order](#) form and return it to sales@b3pe.com.

The New GASCalc Additional Actions Menu



The Pipe Lowering screen comes with another new feature - the Additional Actions menu.

Click on the three-bar command button (as seen in the image on the left) to display a pop-up style menu of additional actions that can be performed from the current calculation screen.

Some of the available actions will be screen-specific, like copying the pipe lowering profile graph to the Windows clipboard. Other actions will be more generic, such as the ability to open a duplicate calculation screen with all of the currently entered data. This gives you the ability to quickly change one value and compare the results of the calculation without having to save a calculation file or re-enter all of the data.

At this time, Additional Actions are only available on the Pipe Lowering screen. In the coming months, the command button will be added to more screens.

September Training Update



Thank you to everyone who attended one of our Basic GASCalc™ and GASWorkS™ training courses. One more class is scheduled to be held on **September 22-24, 2021** at the world headquarters in Colorado Springs, Colorado. Space is still available. Submit a [registration form](#) today if you wish to attend.

GASCalc training will occur on the first day of each session (Wednesday), and the last two days will be focused on GASWorkS (Thursday and Friday). You are welcome to attend the GASCalc portion only, the GASWorkS portion only, or both together.

More information can be found on the [Training Information](#) page of our website, including [details](#) on travel and accommodations.

We can also conduct specifically tailored courses to meet your individual or group needs. Additional courses can be held at our site, at your site, or via Webex. Please contact us at training@b3pe.com to discuss your specific training needs.

GASWorkS 10 Is Online



A reminder that GASWorkS 10 is now available with online license management. Licenses are stored on our server. When GASWorkS starts, it connects to our server over the internet to validate the license information.

That means no more Registration Numbers. And no more keeping track of where your license is installed. You will need an internet connection to start the program. Once it is up and running, you can "check out" a license for up to 30 days of offline use.

With an active internet connection, you can try out our new [GeoMapping](#) feature. Our help documents, like the User's Manual and Help Guide, are also moving online, reducing local installation requirements.

For current GASWorkS 10 licensees, there is no cost to switch to the new licensing method. Just send us an [email](#) with your company name and current GASWorkS node size to request a new setup file.

If you don't already have GASWorkS 10 and would like to purchase a copy, fill out an [order form](#) and return it to sales@b3pe.com.

Please note that our [Updates](#) page has changed. There are now two GASWorkS 10 update files available. One is the update file for the old licensing method that requires a Registration Number, dated **March 16**.

We added a manual update file as an alternative to the automatic update routine in the new licensing method. That file was posted on **April 2**.

Be sure to download the update file that corresponds to the version you are using. As always, you can [contact](#) our support staff if any issues come up.

Our Products

[GASWorkS™](#) - Affordable and robust network modeling.

[GASCalc™](#) - Suite of gas system design and analytical tools.

[GASPurge™](#) - Natural gas pipeline purging calculator.

[StationManager™](#) - Regulator and relief valve station management solution.

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