



Bradley B Bean PE

Engineering And Software For The Natural Gas Industry

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GASCalc™ - New And Improved MAOP Calculation



Did you know that GASCalc has a screen for calculating the maximum operating pressure allowed by specific regulatory codes?

The Maximum (Allowable) Operating Pressure calculation in GASCalc has been updated to meet the latest requirements of US DOT Part 192, CSA Z662-19, and ASME B31.8 for establishing MAOP or MOP.

If you are in the United States, and you have ever tried to understand the DOT requirements for determining maximum allowable operating pressure, you have no doubt found it frustrating and full of apparent contradictions. GASCalc is designed to help simplify the process.

Start by going to the *Pipe* menu, and selecting the *MAOP/MOP* item. The screen contains data entry fields for all of the criteria used to establish the MAOP or MOP of a pipeline segment.

Enter all of the conditions that apply to your pipeline segment, then click *Calculate*. GASCalc will provide a value for the MAOP or MOP, the Adjustment Factor used (if applicable), and the citation for the relevant section of the code used to determine those values.

After completing the calculation, the results can be printed with the relevant code citation for documentation purposes.

As of July 1, the DOT code requires operators of onshore steel transmission pipelines to reconfirm their MAOPs for segments without traceable, verifiable, and complete records. The amendment also changes the class location factors for new steel pipelines. A new method added to the MAOP screen allows you to determine the pipeline MAOP based on these requirements, using either the test pressure or highest actual operating pressure.

See the [description](#) for a full list of supported calculations and features.

[Pricing](#) can be found on our website. Purchase a subscription today, and we will send you the new GASCalc. For anyone still using GASCalc 5.1, upgrade today by sending a request to sales@b3pe.com.

For those who want to try out the new GASCalc, we have a [demo](#) available to download. To place an order, fill out an [order](#) form and return it to sales@b3pe.com.

Training Update



We still plan to hold a Basic GASCalc and GASWorkS™ training course from **September 16-18, 2020** at our world headquarters in Colorado Springs, Colorado. Class size will be limited to 4 participants. GASCalc training will occur on the first day (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. Submit a [registration form](#) and reserve your spot today.

We can accommodate individual in-person training classes as well. And we have the ability to offer online training classes through Webex. Please contact us at training@b3pe.com to discuss your specific training needs.

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

GASWorkS 10 Update



Don't forget to keep your GASWorkS 10 up-to-date. Visit our [Updates](#) page to download the latest revision, posted on **July 17**.

If you have not already tried GASWorkS 10, click [here](#) to request a 30-day evaluation copy. To upgrade today, fill out an [order form](#) and return it to sales@b3pe.com.

Check Out The GASCalc Web App



Working from home? For those who do not have access to their work computers, but need to perform design and engineering calculations, try the GASCalc Web App.

The Web App is a free program that offers a select number of calculations from the full suite of tools included in GASCalc. You do not need to purchase a license for GASCalc in advance. Registration is open to anyone with a valid email address, from any web-enabled device running a modern browser.

We just completed an update to improve the look, feel, and user experience of the Web App. Visit www.gascalcapp.com to register for access, and try it out for yourself.

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.

[WaterCalc™](#) - Suite of water system design and analytical tools.

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