

Bradley B Bean PE

Engineering And Software For The Natural Gas Industry

April 2020

Crunch Numbers With The New GASCalc™



On May 1 - the 28th anniversary of the founding of our company - we will release the newest version of GASCalc, our all-in-one suite of calculation tools for compressible fluids.

Among the features you get with a subscription to GASCalc are our new calculations for hydrates, line heaters, and corrosion. In addition, we have enhanced the features you are familiar with...

Pipe Flows & Pressures - 26 industry-related pipe flow equations.

Regulators & Relief Valves - Flows and pressure drops across a single device and multiple devices in station configuration.

Measurement - Size and select meters from a variety of different types, and convert volumes for reporting.

Pipe Stress - Hoop stress, road and rail crossings, thermal expansion and contraction, and other types of stress.

Gas Properties - Physical and thermodynamic properties of a gas composition.

Gas Loss - Estimate loss due to pipe damage.

And More - See the <u>description</u> for a full list of supported calculations and features.

We have tweaked the graphical interface to improve performance and compatibility with the newest versions of Windows, while maintaining the intuitive feel that GASCalc has always aimed to deliver.

As with GASCalc 5.1, updates are downloaded automatically from the internet, with no fuss for the end user.

<u>Pricing</u> can be found on our website. Purchase a subscription today, and we will send you the new GASCalc. Those who have already

purchased GASCalc 5.1 will receive an email with instructions on how to upgrade (at no charge).

For those who want to try out the new GASCalc, we have a <u>demo</u> available to download. To place an order, fill out an order form and return it to <u>sales@b3pe.com</u>.

Training Update



With the uncertainty over travel restrictions in the coming months, we have decided to cancel our June training course.

For anyone interested, we are exploring the option of web-based training through either live webinars or pre-recorded videos. More details will follow in a future newsletter.

One Basic GASCalc and GASWorkS[™] training course remains scheduled for **September 16-18, 2020**, to be held at our world headquarters in Colorado Springs, Colorado. 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. Space is limited, so submit a <u>registration form</u> and reserve your spot today.

More information can be found on the <u>Training Information</u> page of our website, such as an overview of our <u>training courses</u> including details on travel and accommodations.

We can also conduct specifically tailored courses to meet your individual or group needs. Please contact us at <u>training@b3pe.com</u> to discuss your specific training needs.

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 <u>www.gascalcapp.com</u> 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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