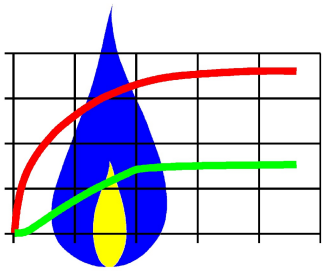
GASPurge™ *Product Description*



From the creators of GASCalc™ and GASWorkS™ comes a new application to serve the natural gas industry.

GASPurge™ calculates various values associated with the purging or clearing of a natural gas pipeline. It is a web-based subscription service that is licensed on an annual subscription basis. One subscription allows access to the service for one User at a time.

Background

The American Gas Association (AGA) updated its Purging Manual in 2018. This Manual provides "guidelines for maintaining safe atmospheres inside pipes, holders, and other facilities that are to be purged into service or taken out of service."

As a companion to prior editions of the Purging Manual, a program (the "Pipeline Purging Program") for calculating gas pipeline purging requirements and conditions was also available. The original program was developed around 1996 as part of a Gas Research Institute (GRI) project.

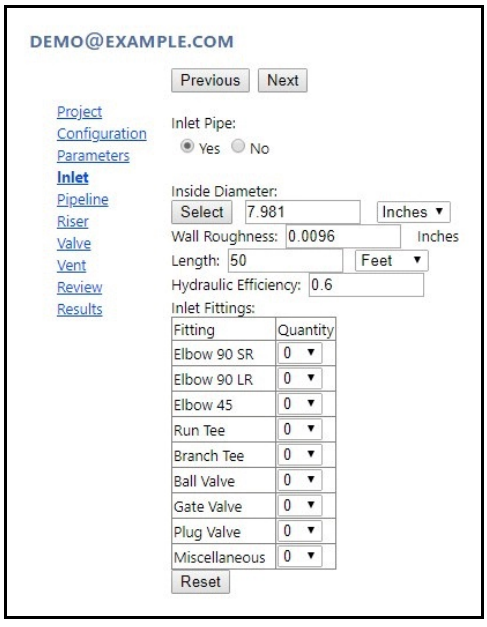
With the update to the purging Manual, AGA desired to update the Pipeline Purging Program. AGA and Operations Technology Development (OTD) commissioned the Gas Technology Institute (GTI) - formerly GRI - to review and update the Pipeline Purging Program using contemporary software development technologies.

GASPurge is the result of those efforts. It is not an updated version of the Pipeline Purging Program but a new standalone web service based on the original software and documentation. Users of GASPurge can expect enhanced functionality and improved calculation speed compared to the Pipeline Purging Program, as well as an application designed to be adaptable to changing User demands and advances in computer technology.

Calculation Wizard

GASPurge uses an online "wizard" for entering data and computing results. The various "steps" associated with purging a pipeline are organized into a series of screens. Navigation is as simple as clicking a button to move forward or backward through the steps or clicking on a link to go directly to a specific step.

Each step contains several fields for data input, including text boxes, dropdown lists, and option buttons, making data entry efficient and easy.



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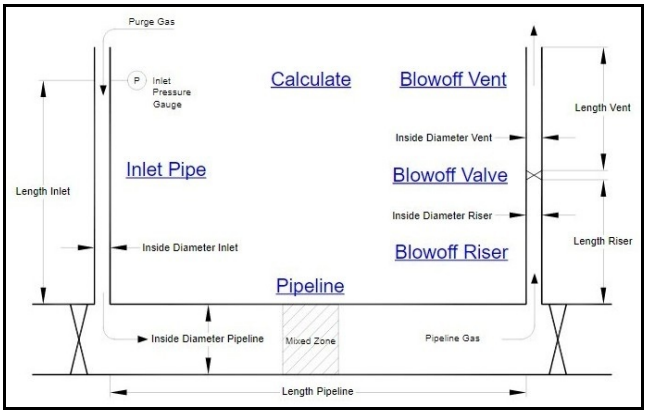
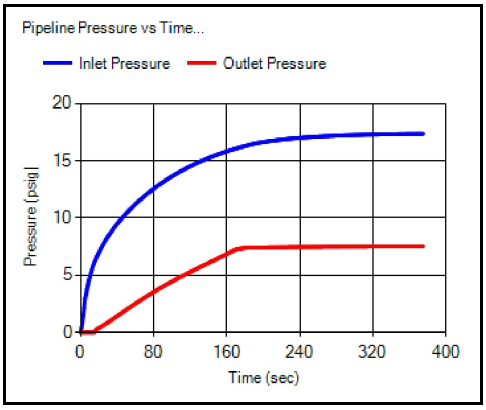


Complimenting the wizard is a graphic representation of the components of the purging model known as the "schematic." The schematic provides a visualization of the relationships between the required data and interactive access to the Wizard steps.

Other Features



Graphic Results - GASPurge displays its results in a graphic chart to visualize the pipeline purging process conveniently. Users can view Flow Rate versus Time, Pressure versus Time, Pipeline Velocity versus Time, and Exit Velocity versus Time.

Excel Reporting - Results can be saved to a Comma-Separated-Values (.csv) format or a Microsoft Excel (.xlsx) format. The .xlsx file includes all of the entered and calculated data and the charts in one convenient package.

Mobile - GASPurge will run on any web-enabled device with a compatible browser.

Multiple Users - Because of its web-based implementation, multiple Users may easily access the service without the need for cumbersome license management or internal network or IT support.

Pricing

GASPurge - Subscription	
NUMBER OF USERS	**SUBSCRIPTION FEE**
1 to 5	$995 per User
6 to 10	$745 per User + First 5 Users
11 or more	$495 per User + First 10 Users

Contact us to request a *free* evaluation copy of the GASPurge program.

**The listed prices are subject to change without notice.*

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