



192.710 Calculator ArcGIS Pro Add-In



AUTOMATED AND REPEATABLE

SAVES TIME

ESTABLISHES AN AUDIT TRAIL

Determine areas of your pipeline that meet the §192.710 regulation for safe operations

Our 192.710 Calculator for ArcGIS Pro was developed to help gas transmission pipeline operators easily identify and verify pipeline sections which require periodic assessment, as prescribed in U.S. CFR §192.710.

CHA Integrated Solutions' (CHA) easy-to-use tool seamlessly integrates within ArcGIS Pro as an add-in and provides a convenient, repeatable method to determine which areas of the pipeline meet the PHMSA criteria. Our tool has fully configurable settings and input layers so that you can achieve precise results within these measures and defend your conclusions within audits.

The 192.710 Calculator for ArcGIS Pro has a streamlined design and incorporates Where Clauses that allow you to define exactly what data to include for each portion of the analysis. Like definition queries, an interface is provided to assist with creating these Where Clauses to keep the learning curve low. The calculator's dynamically segmented output layers provide users with valid reasons why reconfirmation may or may not be required. The results of the analysis are in native ArcGIS Pro feature classes, which allow Esri's comprehensive suite of geospatial tools to be applied as needed. The results can also be easily translated into formats required for annual PHMSA reporting.

The 192.710 Calculator for ArcGIS Pro can be combined with CHA's additional Esri ArcGIS Pro add-ins, such as US Class, Gathering Class, Gas HCA/MCA, and MAOP Calculator to provide users a powerful set of tools to produce repeatable and defensible results.

Responsibly Improving
the World We Live In



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ADVANTAGES

- > Integrated compliance logic powered by CHA's extensive pipeline expertise
- > Full integration with ArcGIS Pro
- > Defendable results saved for on-demand analysis and audits
- > Database agnostic
- > Fully configurable settings and input layers
- > Ability to save, re-use, and share result sets for analysis and auditing
- > Ability to run what-if scenarios and where clauses
- > Easy to use with a low learning curve
- > Extremely fast implementation into ArcGIS Pro

CALL US TO LEARN MORE ABOUT THIS USER-FRIENDLY TOOL!

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Ditch the manual calculations

For pipeline operators that are doing the calculations manually, this 192.710 Calculator for ArcGIS Pro offers tremendous time savings. The 192.710 Calculator for ArcGIS Pro can be run line by line or systemwide in a batch. Users can readily view all input criteria and the results of each phase of the calculation to ensure accuracy. Clients report they appreciate having the flexibility to select one route or thousands of routes when running their analysis. The automated results determine whether the pipe segment needs to be marked as needing reconfirmation.

Combine results with other ArcGIS Pro Add-Ins

The results of this tool can be combined with CHA's other Esri ArcGIS Pro add-ins, including US Class, Gathering Class, Gas HCA/MCA, and MAOP Calculators. When used in combination with our powerful suite of gas calculators, users will be able to produce repeatable, defendable, and complete results for their PHMSA reporting needs.

Eliminate Resource Constraints

Let CHA's team of experts run the calculations and analysis for you! Our team can help with your regulatory compliance audits, integrity management support, geospatial services, and technology solutions. CHA offers a wide range of services including spatial analysis and mapping services, GPS field data collection, alignment sheet generation, geospatial database design and implementation, data loading and validation, consulting and web-based GIS application development and more. CHA can be an extension of your team so you can get projects completed in a timely manner!

Integration with Esri's ArcGIS Pro brings advantages

The integration with ArcGIS Pro provides a variety of benefits, such as a clear and comfortable user experience, the ability to easily export the results in standard Esri formats, and it leverages ArcGIS Pro's built-in filter and selection tools. Through this filtering, users can drill down to validate results. The results of the analysis are in native ArcGIS Pro feature classes, which allow Esri's comprehensive suite of geospatial tools to be applied as needed.

