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Excel is the most widely used software in chemical engineering. For general calculations and modeling, its versatility and accessibility can't be beat. But it could be more. It would have built-in functions for common calculations, and more.

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Use Spreadsheets for ChE Problem-Solving | AIChE

Spreadsheets can solve complex problems, create charts and graphs, and generate useful reports.

This paper highlights the use of Excel spreadsheet and VBA in teaching civilengineering concepts and creating useful applications. The Engineering Community provide Excel Spreadsheets for Civil & Structural Engineers for structural design.

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The row and column format of spreadsheets fits beautifully into the type of calculations which Chemical Engineers often make. In this chapter we will show that many spreadsheet functions can be used in Chemical Engineering.

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I'm a licensed professional engineer with a degree in Mechanical Engineering and over a decade of practical experience building engineering applications in Excel. My goal is to help you learn how to turn Excel into a powerful engineering tool.

Elsevier: Towler, Sinnott: Chemical Engineering Design ...

Chemical engineers who already have some level of proficiency with Excel and use, or desire to use, spreadsheeting as a common software tool for problem solving and daily work.

Using Spreadsheets in Chemical Engineering Problems ...

Use of Microsoft Office Excel in Chemical engineering calculations. In Chemical engineering, people need to solve lot of problems in the process calculations. If done by manual method these calculations consume more time and often creates confusion.

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