



TANK's intuitive interface employs user-defined materials and units and produces clear and accurate analysis reports.

TANK®

TANK is a comprehensive, easy-to-use software package for the design, analysis and evaluation of welded steel oil storage tanks. It provides owners, operators and engineering firms with quick and comprehensive designs for new tank construction and evaluation of existing tanks.

Data Collection

TANK's menu-driven interface allows for the quick definition of input and functions for the accurate analysis of oil storage tanks to American Petroleum Institute (API) standards.

Increased flexibility is provided by allowing users to select any unit combination for analyses or to produce reports. In addition, unit files are completely user-definable so engineers are not bound by program default settings. Even existing jobs can be converted to any existing unit format.

User Interface

TANK's user interface presents only what is needed at each point of information gathering. Therefore, users are not burdened with 'out-of-sequence' requirements for information required for analysis. You are asked for what is needed, when it is needed.

Analysis Options

TANK performs calculations in accordance with the latest API Standards 650 and 653. Analysis can also take into account wind, seismic and settlement conditions plus calculate air venting requirements to API 2000 Section 4.3.

Output

After completing an analysis, you can view the results in a tabular report or as a graphic diagram with associated data. For convenience in verifying the results, the output reports reference code sections used where applicable.

Content

TANK has many databases integral to the package which makes it easy to select standard data for accurate analysis. A number of US and international structural steel databases are provided. API materials are available from 1998 through 2005.

Quick Context-sensitive Help

TANK's context-sensitive help provides instant technical assistance at the point of input. Pertinent information is presented about each selected item, including code references and technical advice. Built-in search makes for rapid navigation.

Features

- Pre-loaded default values for quick start-up
- Complete analysis unit flexibility
- Analysis for dome, umbrella, cone and supported cone roofs is available
- Seismic, wind and settlement analysis
- Reports with complete code equations
- Full technical support

Technical Specs

- Microsoft Windows XP Pro or Windows Vista Ultimate (minimum)

Application Areas

Process and Plant Design, Piping, Equipment, Petrochemical, Chemical, Power, and Water Treatment.

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