

Knovel Steam Tables(R) Redefine A Vital Resource for Engineers

NEW YORK, NY – June 12 (SEND2PRESS NEWSWIRE) – Known as the most comprehensive and reliable source for scientific and engineering information online, Knovel Corporation has significantly enhanced the functionality of an indispensable research tool for engineers worldwide.



Send2Press® Newswire Steam

Tables, the international standard for calculating the thermodynamic properties of water as developed by the International Association for the Properties of Water and Steam (IAPWS), have been boosted by Knovel's innovative technology. The exclusive features added– digitized graphs, unit converter, interactive tables, and high resolution and efficiency calculators– redefine a vital resource for engineers.

A full implementation of IF-97 standard formulations, Knovel Steam Tables(R) have broad appeal across many specialized industries- from the power generation industry and companies building power generation facilities to chemical and chemical process plants, petroleum refineries, paper and pulp processing plants, and the food industry, among others.

Knovel Steam Tables(R) integrate seamlessly with Knovel Library's extensive collection of mechanical and chemical engineering references, such as the ASME Boiler and Pressure Vessel code; NALCO, Boiler Failure Analysis and other HVAC and Plant engineering titles. Effective use of this tool will shorten research and project cycle times and increase productivity on core

functions by providing easy access to best-in-class applications on a content-rich platform. Students, heating and refrigeration technicians, engineers, and power plant personnel will not only be empowered with the capability to find solutions to their most frequently encountered problems quickly; they will also be able to analyze and export the results in new and uniquely resourceful ways.

Knovel's Interactive Steam Tables(R) have been meticulously tested to reproduce results to values as precise as one sixteenth of a unit. In power generation and chemical processing industries, relatively small discrepancies in the calculation of key properties can translate into differences of hundreds of thousands of dollars. With guaranteed accuracy of .01% or better, this productivity tool is more exact than most pressure or temperature-indicating devices found in industrial applications, and easy to use as a quick reference tool.

Knovel Steam Tables(R) are enhanced by embedded precision-focused calculators; digitized live graph plotting capabilities; extensive thermodynamic input variables; multiple input and export options for seamless integration into workflow; a Unit Converter to solve steam properties in every unit system; and a Power Cycle Efficiency calculator that yields the efficiency of a user- defined standard Rankine cycle together with other valuable information.

Knovel is the only platform offering a single solution for discovering, analyzing, and applying essential reference content within the workflow of engineers and scientists. Knovel Steam Tables, the first of three next generation productivity products being released this year, promises to extend Knovel's capabilities even deeper into the workflow of engineers, researchers and industrial designers.

About Knovel

Knovel Corporation – www.knovel.com – is one of the most comprehensive providers of revolutionary Web-based information services that increase productivity for millions of engineers, scientists and librarians worldwide. Knovel integrates references from over 30 publishers into virtual libraries embedded with analysis software. Knovel's intuitive platform helps researchers quickly locate data, analyze it, and export the results. Knovel is used by over 375 major corporations, universities, and government agencies worldwide.

More information: <http://www.knovel.com>

News issued by: Knovel Corporation

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Original Story ID: (1723) :: 2006-06-0612-001

Original Keywords: research tool for engineers, Knovel Corporation, Steam Tables,

discovering, analyzing, and applying essential reference content within the workflow of engineers and scientists, IAPWS-97 standard formulations, international standard for calculating the thermodynamic properties of water as developed by the International Association for the Properties of Water and Steam, IAPWS, New York, virtual libraries embedded with analysis software Knovel Corporation