CASE STUDY

Knovel®

Precise search and up-to-date technical insights

SUMMARY
A Turnover Engineer at a large Engineering, Construction, and Project Management Company uses Knovel to support greater efficiency in finding and maintaining technical knowledge to help achieve optimal design and development.
CASE STUDY: LARGE ENGINEERING PROJECT MANAGEMENT COMPANY

Knovel provides a large Engineering, Construction, and Project Management Company’s divisions worldwide with up-to-date data, ensuring greater efficiency and cost-effectiveness throughout the company.

“Every time I have used Knovel to look for an answer, checked for industry or tribal knowledge to understand or enhance code requirements, or just needed an insight on a subject, Knovel has met the need, saved time by staying on the right track (less re-work), and done so quickly and accurately.”

–TURNOVER ENGINEER

Before joining the company, this Turnover Engineer had already worked on two continents in the roles of civil and mechanical engineer, site manager and piping superintendent. The veteran project manager’s focus is on this company’s liquid natural gas project in Africa. With over 30 years of experience in construction and project/quality management, he knows first-hand how important reliable technical information is in addressing issues such as facility startup, project cost estimation, scheduling and planning, and finding the most up-to-date code requirements. It’s his job to coordinate with field engineers, supervisors and clients to ensure that each phase of the project is on schedule and properly documented before signoff.

Throughout his career, the engineer has dashed off to facilities around the globe, packing stacks of personal notebooks and handbooks filled with the basic information needed to get his job done. He estimates that he’s spent thousands of dollars in shipping costs out of his own pocket just to have access to the data that is so vital to his work.

At least he used to. Now he uses Knovel, and he’s not looking back.

For years, the company has provided all of its divisions around the world with access to Knovel to ensure that engineers have online access to up-to-date data that supports their projects. One of thousands of engineers, he is charged with doing the job right the first time.

Since joining the company, his need for information hasn’t changed, but the way he accesses it definitely has. Knovel, an engineering solution that provides access to trusted databases, equations and handbooks, allows him to find answers from anywhere on the planet.

What’s his favorite Knovel feature?
“The search function, definitely – especially the accuracy and quickness of it. Most issues require an answer quickly,” the engineer says. “So, to be of business value, the data must be searched with little margin of error.” Knovel’s reliability and high speed search results ensure that he (and the company) gets what he needs, when he needs it.

Thanks to the broad spectrum of engineering disciplines supported by Knovel, neither this engineer nor his fellow employees using Knovel on a daily basis have to worry they won’t find what they need. Even if the focus of their work changes.

Knovel is a resource for every step of the process
Consider the demands on this Turnover Engineer as he moves through the different stages of his role overseas. He can use Knovel to review data about loss prevention, safe work practices, design safety, state of the art technology, construction codes, compliance issues and environmental regulations. And rather than having to wade through vast volumes of content looking for the data he needs, Knovel takes him “right to the point!”

Online access offers a stark contrast to the way the engineer described the search process before Knovel: “long and tedious, and with poor results.” The hardcopy references he transported across thousands of miles not only required him to set aside numerous hours to pore through them by hand, they frequently didn’t have the desired information. And when they did, the data was often outdated. Now, when the engineer sees a colleague struggling with a problem or traveling to the corporate offices, “just like I used to do,” he tells them about Knovel.

For more information, visit:
http://www.elsevier.com/knovel

Copyright © 2016 Elsevier. All rights reserved.
March 2016