



Engineering Periodicals & Reports

Accelerate and Inform Technical Problem-Solving with Precise Answers from Trusted Sources

Expert Index Collection by IHS Markit

provides seamless access to trusted third-party sources and other rich technical information, including technical articles, publications, reports, design principles/best practices and more. Expert Index lets engineers and other technical professionals quickly identify proven solutions to their technical challenges, so they can deliver projects on time and on budget.

Engineers, scientists and researchers typically rely on a wide variety of information sources to inform their decision-making process. But they often struggle to quickly locate relevant solutions. In fact, industry research shows that, on average, engineers need to consult 13 different sources to solve a single technical problem.

No wonder that knowledge workers must devote 40% or more of their time just seeking, sorting and vetting information – adding up to hundreds of lost hours of productivity each year per engineer. That lost time contributes to project delays, higher costs, and increased risks as engineering teams struggle to solve problems and deliver results on time and on budget.

A Window into a Universe of Technical Knowledge

Expert Index Collection by IHS Markit, delivered on **Engineering Workbench™**, is the most comprehensive collection of trusted, authoritative engineering and technical reference content, aggregated and readily accessible in one place, to help engineers, scientists and other knowledge workers quickly make the best decisions.

With the Expert Index Collection, engineers, researchers and scientists are able to discover answers across an extensive, vetted collection of more than 75 million technical articles, publications, reports, design principles/best practices and more, including over 100 eBook titles.

Expert Index Collection is delivered on Engineering Workbench, a unified technical knowledge platform that accelerates technical research and problem-solving through single-point access to critical information resources, combined with next-generation search analytics and specialized tools tailored to the needs of technical professionals.

Engineers and others use Expert Index Collection to gain the knowledge they need to solve complex problems, identify approaches to improve manufacturing throughput, implement proven approaches for quality assurance, reduce non-compliance risks, and more rapidly make confident, informed decisions.

SAMPLE INDEXED SOURCES:

- | | | | | |
|----------------------|--------------------|-------------------------------|------------------------------|-----------------------------------|
| - AIAA | - DSpace@MIT | - JSAE | - NRC | - SPIE.org |
| - ANS | - DTIC | - KTA | - OnePetro | - Springer |
| - ArXiv.org | - EDP Science | - Maney Journals | - OSTI.gov | - Tech Briefs |
| - ASABE | - Energy Institute | - MATDAT Materials Database | - PICMG | - Techniques de l'ingénieur |
| - ASM International | - FABIG | - McGraw Hill | - PLASA | - Total Materia |
| - ASME | - Hindawi | - AccessScience | - PNAS | - Transportation Research Board |
| - ASQ | - IAPD | - MEDLINE/PubMed Abstracts | - ProjectEuclid | - TWI |
| - ASTM International | - ICAO | - NASA STI | - Royal Aeronautical Society | - University of Washington DSpace |
| - Begell House | - iChemE | - National Fluid Power Assoc. | - SAE International | - Wiley Journals |
| - ClinicalTrials.gov | - IEEE | | - SAMPE | |
| - Crambeth Allen | - InterRegs | | - SIAM | |
| - Deep Web | - IOP | | | |

Answers from Trusted Sources

Expert Index Collection aggregates knowledge from a vetted collection of over 75 million documents, including technical papers, conference proceedings, eBooks, manuals, monographs, journal articles, deep web content and more.

The content sources include trusted publishers, such as ASM International, American Society for Quality, ASTM, IET, IEEE, SAE, Wiley, and dozens of other vetted sources.*

These resources provide:

- Hands-on guidance on the proper application and interpretation of standards, supporting higher quality products and processes
- Best practices and proven approaches developed by worldwide subject matter experts, facilitating problem-solving and accelerating innovation
- Critical insight into the next-evolution of technologies, aiding in product roadmapping and development
- Comprehensive knowledge across engineering disciplines and industries, helping engineers refresh their understanding of key topics and mitigating the impact of “brain drain”

Accelerate Knowledge Discovery

When searching the Expert Index, the next-generation search technology in Engineering Workbench accelerates research by dynamically summarizing relevant documents based on a semantic analysis of their contents, extracting key themes into a convenient executive summary.

Advanced search functionality allows users to specify knowledge bases to be searched, so information from particular publishers of interest can be singled out for review. Faceted filtering also enables a user to instantly drill down to the most pertinent content.

Citations include links to original documents, allowing you to single-click directly to the relevant passage in IHS-hosted content. The appropriate passage will be highlighted so your eyes are instantly drawn to the pertinent information.

This approach allows for a rapid review of a body of the most applicable knowledge in minutes instead of days, shortening the research process and allowing knowledge workers to make better decisions faster.

** Separate subscription may be required for third-party content.*

For more information www.ihsmarket.com

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About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 85 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.