

**Knovel Journal Modules –
Customer Frequently Asked Questions
Last Updated: June 22, 2015**

1. What are Knovel Journal Modules?

Knovel Journal Modules (KJM) are discipline-specific, additional decision-support resources that expand the value of Knovel to industry customers by enabling engineers to discover emerging technology developments and cutting-edge thinking while designing and optimizing products and processes.

It applies Knovel's engineering-specific search and interactive content capabilities to a curated set of engineering journals from Elsevier and other trusted providers – making cutting-edge technology insights discoverable within the same user experience as technical reference information that Knovel already offers.

2. Who would find the KJM valuable?

Buyers that:

- Support developing new and innovative products or processes
- Facilitate novel solutions to production- and manufacturing-related design and process problems
- Drive competitiveness of their company through the use of the latest technologies to optimize their designs, products, and processes

Engineers working in design and development that need to access latest technological findings and technical data from journal articles to complement answers from technical references.

- Evaluate the trade-offs (performance, risks) in selecting certain technologies, materials or substances for their design
- Find the latest technical data and results to solidify approaches and make their designs, processes, and simulations more accurate
- Benchmark against experimental methods and conditions used by others
- Troubleshoot existing design failures
- Find experts

The first Knovel Journal Module is focused on Chemical Engineering and is available from June 2015.

The following types of companies will find this module valuable:

- Those in the Chemicals, Downstream Oil and Gas, Engineering Design & Construction, Consumer Packaged Goods/Food and Beverage, Pharma industries
- Those that design and upgrade major chemical or processing plants
- Those that subscribe to Knovel's "Chemistry & Chemical Engineering" subject area

3. Why is KJM valuable? What are the top reasons companies would want to buy KJM?

To drive innovation and competitiveness, engineers working in design and development must balance experimental technologies with proven best practices. With KJM, engineers can quickly evaluate the trade-offs of the latest technology, benchmark work against new approaches, and refine designs based on the latest thinking – all without having to learn a new platform, travel to a conference, or face information overload.

Knovel customers value KJM because:

- KJM serves as an extension of Knovel to help engineers find more and recent answers to problems

- KJM delivers aggregation and curation of content specifically for engineers to arm them with the latest thinking with less effort
- KJM supports discoverability of journals alongside technical references

4. How does this fit into Knovel's roadmap?

Aggregating sources and content types with a deep focus on critical industry needs and use-cases are foundational components behind Knovel's vision of offering the most comprehensive Information Essentials for engineers working in design and development.

5. What are the key features of the Knovel Journal Module – Chemical Engineering?

- Aggregates and curates engineering-specific, emerging technical literature from chemical engineering journals of Elsevier and other trusted providers:
 - High quality, industry-relevant titles
 - Full-text articles
 - Critical mass of recent articles (2 year backfile) with weekly feed of new articles published
- Content is enriched and integrated through the award-winning Knovel platform capabilities:
 - Searchable full-text with faceting
 - Ability to highlight article sections, figures & tables, and search terms
 - Alerts, Save to MyKnovel, Print, Sharing, Reference linking, and Citations
 - Interactive Equations (BETA)
 - Interactive Graphs (2016)

6. Why is Knovel developing journal modules?

Knovel has traditionally focused on delivering authoritative technical reference content for applied engineers. However, applied engineers also need information to help stay abreast of emerging technologies in their field. By offering journal content for corporate customers, Knovel is able to extend an engineer's capability to innovate in the design stages of the workflow. The latest technical insights and answers found in journals will complement the trusted references in Knovel's subject areas to ensure engineers find answers to optimize their designs.

7. What content types does Knovel Journal Modules include?

The first module, Chemical Engineering, includes full-text content from scholarly journals and trade publications. As the module evolves, case-studies and conference proceedings will also be added.

8. How often is new content added?

New articles are added to Knovel Journal Modules as soon as possible after they are published, with new content added on a weekly basis. Knovel will continue to add new journal titles to make the offering as comprehensive as possible for the end-user.

9. How do Knovel Journal Modules appear in the product?

Knovel Journal Modules appear in browse and search result pages, with new facets available to filter for journal content specifically. Search result records show salient article metadata. Full-text articles appear in HTML.

10. Do Knovel Journal Modules allow for printing or downloading?

Users are allowed to print the HTML view of articles. PDFs of articles are not provided because KJM cannot guarantee 3rd party publishers make their PDFs available.

11. How deep is the backfile?

KJM subscribers receive the past 2 years of articles from the start date of their subscription. Subscribers maintain access to articles 2 years before their original subscription start date as long as they continue to renew.

12. Does Knovel Journal Modules reporting differ from other content on Knovel?

No, Knovel Journal Modules reporting fits into existing Knovel report structures.

13. Currently, the Interactive Equations for KJM is still in “beta”. What does ‘beta’ mean?

The label ‘beta’ within the product experience means that a specific functionality is available for use but there are final technical fixes and testing occurring behind the scenes. Once the feature has undergone full technical quality assurance processes, the Knovel product team will remove the ‘beta’ status. Releasing features as ‘beta’ is an industry-standard practice that allows providers like Elsevier to test features in an actual live environment, to mimic the exact technical environment that users interact with instead of using a production site. Users may notice that some Journal article equations open in Knovel Solver with errors, so careful review of the Solver equations is required while this feature is in beta.

APPENDIX

A. List of titles in KJM – Chemical Engineering

This is a list of titles that are included in the Chemical Engineering Knovel Journal Module as of June 2015, organized according to sub-topics. All titles are published by Elsevier unless otherwise noted.

•

Catalysis & Reaction Engineering	Environment, Health, and Safety	Extractive Metallurgy
<ul style="list-style-type: none">• Applied Catalysis A: General• Catalysis Communications• Catalysis Today• Journal of Catalysis• Journal of Molecular Catalysis A: Chemical• Journal of Molecular Catalysis B: Enzymatic	<ul style="list-style-type: none">• Journal of Hazardous Materials• Energy and Environmental Science (RSC)	<ul style="list-style-type: none">• Hydrometallurgy• Minerals Engineering• International Journal of Mineral Processing
General Chemical Engineering	Heat & Mass Transfer	Manufacture of Specialty Chemicals
<ul style="list-style-type: none">• Chemical Engineering Journal• Chemical Engineering Science• Current Opinion in Chemical Engineering• Plant Engineering (CFE Media, Q3 2015)	<ul style="list-style-type: none">• Flow Measurement and Instrumentation• International Journal of Heat and Fluid Flow• International Journal of Multiphase Flow• The Journal of Supercritical Fluids	<ul style="list-style-type: none">• Dyes and Pigments
Process Design, Control, & Optimization	Separation	Solid & Particle Technology
<ul style="list-style-type: none">• Applied Thermal Engineering• Chemical Engineering and Processing: Process Intensification• Computers & Chemical Engineering• Journal of Loss Prevention in the Process Industries	<ul style="list-style-type: none">• Desalination• Journal of Membrane Science• Separation and Purification Technology	<ul style="list-style-type: none">• Microporous and Mesoporous Materials• Powder Technology

END