

KnowledgeWeb™ for the  
Foster Wheeler SYDEC<sup>SM</sup> Process

# Protecting your investment



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# To protect your investment

in a SYDEC<sup>SM</sup> delayed coker and maximize profitability over time, a skilled workforce is required to efficiently operate and maintain the equipment and support the process – from day one.

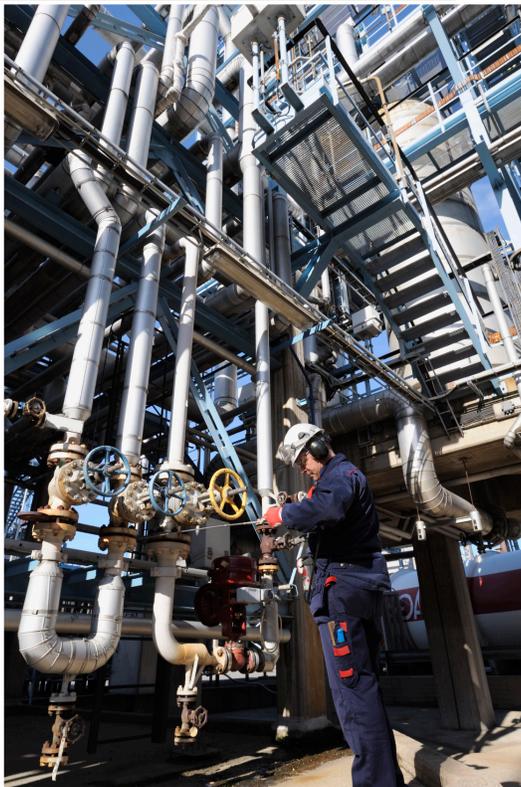
RDC's knowledge-transfer professionals have worked together with Foster Wheeler's process design engineers to develop an unparalleled solution that does more than deliver effective training; it's a complete knowledge management solution for defining, organizing, accessing and institutionalizing all knowledge related to delayed coking.

This solution, known as the KnowledgeWeb for the SYDEC Process, captures and profiles all of the best practice knowledge requirements for operating the delayed coking process, incorporating critical information for coker unit operations, systems, equipment, instruments, fundamentals and process safety into a comprehensive learning environment.

KnowledgeWeb can help you achieve:

- Improved safety by reducing the likelihood of operator errors
- Improved performance by eliminating training inconsistencies
- Reduced training costs with access on demand from any computer
- Maximized return on investment





Reduce the likelihood of process upsets and operator errors during complex coking operations to improve the safety and reliability of your operations.

Foster Wheeler is the world's leader in the design of delayed coking units, with more installed coking capacity than all other firms combined. To truly maximize the benefits of the technology, you need expert knowledge of all aspects of the coking process not just at start-up, but on a continuing basis.

A sustainable environment, where this knowledge is readily available day in and day out, is what ensures a highly qualified workforce to maintain operating efficiency and a safe working facility. KnowledgeWeb brings this environment to your facilities and personnel to bridge the gap between licensor/engineer and refinery operators.

With today's complex operations, safety and reliability are always at the forefront in your refinery.

Use KnowledgeWeb to:

- Reduce incidents with knowledgeable operators and easy access to critical information
- Ensure a dynamic learning environment as operating parameters change and evolve over time
- Keep operators up-to-date on requirements, regulations, technology and safety enhancements



# KnowledgeWeb for better performance

**RDC** Technologies for Learning

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LEARNING CENTER

- Learning Path
- Knowledge History
- DCU Library
- Learning Web
- Scheduled Classes
- Job History
- Course Catalog
- Search Courses
- Supervisor Report
- Message Center
- Change Passwo

Home | Search | Back | Logout | Help | New Messages

## Course List

SMITH, JOHN

Category: Delayed Coker

Description:

Section List > Delayed Coker > Delayed Coker Courses

Sorted by Course Code Ascending

Code	Rev	Course Title	Hrs	Pre-req	Desc	Learn	Eval	Enroll
A4070	1.0	Process Overview: SYDEC Delayed Coker Process	0.0	-	-			-
A4071	1.0	Primary Equipment: SYDEC Delayed Coker Process	0.0	-	-			-



Improve your operator  
**performance**



## Improve your operator performance with a dynamic learning environment customized for your refinery-specific SYDEC operating parameters.

Traditional, generic training programs focus on measuring training activity, not job proficiency. In addition, generic programs do not address job and site-specific knowledge requirements, leaving gaps in knowledge - and gaps equal risk. The KnowledgeWeb environment is focused on learners gaining proficiency, and it is customized to your unit. Learning content is enhanced by site- and process-specific information, such as terminology, parameters and graphics.

- Capture and apply the combined knowledge of the unit engineers and your own Subject Matter Experts
- Reduce time-to-proficiency by eliminating redundant and unnecessary training
- Improve learning content quality and eliminate trainer inconsistency with certified learning content that meets stringent instructional design standards
- Quickly identify knowledge gaps for each individual through Mastery Knowledge Assessments
- Address knowledge gaps with dynamically created Personal Learning Paths



## Reduce your training costs with a secure, fully hosted web-based learning environment, available 24/7 with unlimited access for unit operations and cross-training.

The KnowledgeWeb helps operators achieve higher proficiency in the most cost-effective manner.

- Real-time access anywhere, anytime with the internet and a browser
- Training investment applied toward actual learning, not travel and living expenses
- Implemented without additional investments in hardware, software, or IT support or trainer fees
- Easily integrates with existing corporate HR, LMS or ERP systems

# Maximize your Return on Investment

A photograph of a worker in a white hard hat and blue jacket talking on a mobile phone. The worker is in the foreground, looking towards the right. In the background, there is an industrial facility with tall chimneys and pipes under a clear blue sky.

Reduce time to operating competency and safely begin new production.

Through proven instructional design methodology and advanced web technology, KnowledgeWeb maximizes knowledge transfer effectiveness and reduces time to proficiency - this is learning optimized. For individuals, it means improved performance. For companies, optimized learning drives the bottom line results with:

- Improved operating efficiency
- Better asset protection and safety improvements
- Improved staff planning and workforce management

Enhance the control of your DCU operating costs and realize your maximum ROI:

- Improve on-boarding of new hires and up-skill existing workers in DCU safety and operations
- Begin new production sooner by reducing time to operating proficiency
- Maximize yields by applying the knowledge of the unit designers
- Enable refresher training and self-initiated learning on demand
- Provide continuing education credits (CEUs) with certified learning content that meets stringent industry standards

Why use generic training when you can have the perfect fit with a customized learning and knowledge management environment designed for the complexities of SYDEC<sup>SM</sup> delayed coking operations?



Complete knowledge management for delivering, organizing, accessing and institutionalizing all knowledge related to delayed coking.



## Protect your investment in delayed coking technology

- Improve safety with better training to reduce the likelihood of process upsets and operator errors during complex coking operations
- Improve performance of operators with proven knowledge transfer effectiveness and reduced time to proficiency
- Reduce overall training costs with access from anywhere on demand
- Maximize return on investment by reducing time to operating competency and safely beginning new production sooner

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