Fluor Daniel Announces Equipment Dynamics And Reliability™ Series

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Fluor Daniel's Facility & Plant Services operating company announces the availability of its Equipment Dynamics and Reliability™ Series training program. The comprehensive series is unique to the market and fills an industry need for reliability-centered maintenance (RCM) training, providing customers with the knowledge to optimize maintenance practices and increase the life cycle of equipment.

This program is the result of Fluor Daniel's continuing commitment to provide diversified services which meet specific customer needs. It supports a modular approach to knowledge transfer encompassing a variety of deliverables, including CD-ROMs, print-based materials and seminars. As an added value, the series offers customers the flexibility to use the deliverables individually, or integrate and tailor them to support site-specific training needs. This flexible menu of courses offers a broad spectrum of equipment reliability topics for maintenance craftworkers and operators, and educates them on their roles in supporting the reliability process.

The Equipment Dynamics and Reliability™ Series CD-ROM titles are:
- Introduction to Reliability
- Wear and Failure Points
- Predictive and Preventive Maintenance
- Implementing a Predictive and Preventive Maintenance Program

The interactive courses integrate media, such as text, graphics, video, audio and animation, to create training which is engaging and interactive. The print-based materials offer a comprehensive set of instructional materials, including both instructor and student manuals. The materials can be used in numerous industrial settings to enhance total productive maintenance programs and condition-based assessment, as well as reliability-centered maintenance. The content covered includes:
- RCM overview information
- Preventive and predictive techniques
- Root cause failure analysis
- Failure modes and effects analysis
- Wear and failure points

Additionally, there is an Operator-Performed Maintenance Series, including 22 manuals which cover topics as general as lubrication and vibration to topics as specific as hydraulics, pneumatics and process controls.

Lastly, two equipment reliability-related seminars are offered as part of this series:
- Introduction to Root Cause Analysis for Practitioners/Technicians (three days)
- Precision Maintenance (two days of classroom instruction or four days with on-the-job training)

“Our instructional system design specialists, reliability experts and instructors are available to provide assistance in the design or implementation of the series to meet individual business needs,” said Mike McGrey, senior director with Fluor Daniel's Facility & Plant Services operating company. “These are powerful and cost-effective tools for our clients and for Fluor Daniel's internal use.”

Fluor Daniel, the principal subsidiary of Fluor Corporation, is a global engineering, construction, maintenance and diversified services company with more than 60 offices worldwide.

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