



Operating Plant and Systems

Inc

'Your Increased Profitability is Our Bottom Line'

JAMES B. MAYNARD **SENIOR PROCESS INDUSTRY SPECIALIST**

CAREER PROFILE:

James (Jim) Maynard specializes in laboratory operations management and in the design and use of laboratory quality assurance (QA) systems based on ISO Laboratory Guide 17025, including testing Statistical Quality Control (SQC). Jim draws on 38 years of experience with Shell Oil Company. His Shell service included analytical support and management of analytical support for oil products research and development, managing refinery laboratory operations in a large Shell refinery, design and management of ISO-based refinery QA systems (including QA systems instruction), and technical, management and QA systems support for all US Shell refinery laboratories while based at the Shell Westhollow Technical Center in Houston, TX.

Jim retired from active employment with Shell Oil in 1999, and has continued to work with Shell as a specialist in laboratory operations and QA systems design and implementation. He represented Shell on various oil industry related organizations, serving on and chairing the American Petroleum Institute committees dealing with Laboratory Accreditation and with EPA Acceptable Testing Methodologies. In addition, he has been a long-standing and active member of ASTM Sub-Committee D02.04 dealing with Hydrocarbon Analyses. Jim has been recognized within Shell as an expert in each of these areas. In addition, he has management, implementation and operational knowledge of Laboratory Information Management Systems (LIMS) used in most refinery laboratories to manage sample test result information and distribution of test result data to laboratory customers.

Jim often conducts audits of refinery and commercial laboratories based on ISO Guide 17025, and works with laboratories to design QA systems to become ISO Guide 17025 compliant if so desired. He has also been involved with fuels testing compliance audits based on California Air Resource Board requirements and US Environmental Protection Agency requirements.

PROFESSIONAL EMPLOYMENT

Facilitated Integration Technology, Inc. (2001 - Present)

Senior Process Industry Specialist

At F.I.T., Jim serves as a specialist in laboratory business process redesign, organizational redesign, & information systems planning. He can draw on his background to assist in strategic planning and systems or business process reviews.

Self-Employed (1999-2001)

Specializing in: Lab Operations Optimization, Laboratory Statistical Quality Control Systems Design and Training, Laboratory and Plant Quality Assurance Systems, Gas Chromatography Training, Physical Property Testing Training

Shell Westhollow Technical Center, Houston, TX – Oil Products (1994-1999)

Staff Research Chemist, Senior Staff Research Chemist

Specialized in: Lab Operations Optimization (including LIMS optimization), Laboratory Statistical Quality Control Systems, Product Quality Assurance Systems, Laboratory and Plant Quality Assurance Systems,

Shell Oil Products Company, Wood River Refinery, Wood River, IL(1975 –1994)

Project Chemist, Process Chemist, Project Leader, Quality Assurance Manager

Specialized in: Lab Operations Management, Process Chemistry Support, LIMS Design and Installation, Laboratory Statistical Quality Control, Plant Statistical Process Control, Quality Assurance Systems, Product Quality Assurance Systems, Design and Implementation of Self-Directed Work Teams

Shell Development Company – Wood River Product Research Laboratory, Wood River, IL. (1961-1975)

Analytical Research Department, Research Chemist, Senior Research Chemist, Group Leader

Specialized in: Gas Chromatography, Mass Spectrometry, Gasoline Engine Chemical Combustion Phenomena, Shell Initial Computer Data Systems Implementation

EDUCATION

B.A. in Chemistry and Physics
Southern Illinois University

RELEVANT CONTINUING EDUCATION AND TECHNICAL ASSOCIATIONS:

Quality Leadership Training – Served as QA Systems instructor throughout Shell American Petroleum Institute –

Chairman of committee that developed the API Petroleum Testing Laboratory Accreditation Program

Past chairman and still Shell member of API Testing

Methodology Work Group working with EPA on Performance-Based Method Approval