



Enoch J. (E.J.) Ledet - Product Assurance, LLC.

#### CAREER PROFILE:

Enoch J. (E.J.) Ledet specializes in Ensuring Product Integrity in both laboratory and field operations management and in the design and use of laboratory quality assurance (QA) systems based on ISO Laboratory Guide 17025, including testing Statistical Quality/Process Control (SQC/SPC). E.J. draws on 40+ years of experience with Stillwater Associates, Shell Oil, Motiva, Equilon, Equiva Enterprises, and Shell Development Companies. His Shell service included analytical support and management for oil refinery process chemistry, fuels and lubricants support, environmental/toxicology analytical support, detergent chemistry formulations, antifreeze research, enhanced oil recovery detergents discovery, managing refinery laboratory Quality Assurance in three Shell refineries, development and management of ISO-based refinery QA systems (Ensure Quality Product Standard Focal Point, Quality Systems Manual implementation and instruction for several Shell US Refineries). He was Research Manager in the Analytical Directorate at Westhollow Research Center in Houston and was responsible for Analytical Quality Assurance and Chromatographic Separations Departments. E.J. was a Senior Staff Product Quality Specialist for Shell Oil and Motiva Enterprises and supported Distribution Terminals (100 Equity and 300 Outside Supply), Shell Pipeline (West Coast, Midwest), and Retail (Shell and Texaco) Service Stations. He was responsible for gatekeeping Federal EPA Standards and preparing annual Reformulated Gasoline Specs for Refining, Transportation (Distribution and Pipelines), and Retail Business Service Stations. He worked with Shell Legal to resolve EPA NOV's (notices of violations) in Shell Terminals and Retail/Wholesale Service Stations. E.J. was part of Equiva Enterprises' Business Integration Team which was responsible for investigating and resolving billing and invoice errors which occurred when Shell and Texaco implemented SAP. He was Root Cause Analysis Manager and was the lead investigator for helping to resolve many of Shell's billing errors and resolving a major fuel product quality issue on the MagTex pipeline.

After retiring from Shell in February, 2012, E.J. formed his own business, Products Assurance LLC. E.J. intends to utilize his ISO 17025 expertise to improve product quality/integrity in the petrochemical industry and causal analysis investigative support.

**Enoch J. Ledet**

**Qualifications and Experience**

**2013- Present- Contract Senior Consultant for Stillwater Associates**

**2012- Contract Chemist Consultant to Saudi Aramco for RAS Tanura Clean Fuel & Aromatics Laboratory Assessment Study**

**2012- Present - Product Assurance, LLC - owner/Product Quality Specialist;**

**2003-2012 Shell Puget Sound Refinery** 8+ years Quality Measurements Manager – Product Quality Focal Point for Refinery; Root Cause Analysis Leader/Investigator of Refinery Product Quality Incidents – work with Fuels Product Management, Supply, Pipeline, Distribution, and Retail/Wholesale Customers to resolve product quality incidents. Implemented Shell Ensure Quality Standard at Puget and wrote Quality Systems Manual for Refinery. Exchange auditor for ISO17025 for Motiva and Shell US Refineries. Retired from Shell Oil in Feb, 2012.

**1994-2003 Shell Oil Products/Motiva/Equilon/Equiva** 9 years Product Assurance Specialist/Manager/Auditor/Support to Distribution (100 Equity and 300 OSPs Terminals), Pipelines, Retail/Wholesale Service Stations (24,000) – responsible for gas, diesel, jet product assurance; gatekeeper of Federal, State, Municipal Regulations; Negotiator with Legal on EPA Notices Of Violations; Root Cause Analysis Practitioner/Facilitator/Manager For Business Integration Team (Supply, Refineries, Pipelines, (Gasoline, Diesel, Jet, LPG, MFO, Terminals, and Retail/Wholesale Service Stations) – root cause team leader/investigator for resolution of fuel product quality incidents (Exxon MagTex, Shell PL, Exxon Beaumont, Port Arthur Motiva, Hearne, and College Station Terminals.

**1992-1994 Shell Anacortes Refinery** -2 years as Lab Quality Assurance Manager responsible for Product Assurance/Compliance/Testing

**1979-1992 Shell Development** /Shell Global Solutions-Westhollow Technology Center–13 years Analytical/Process Chemistry R&D Support to Toxicology; Analytical Support to: (Chromatography, Product Quality Assurance (Gas, Diesel, Jet); Detergents; Antifreeze; Environmental (Air, Water, Hazardous Waste); Research Manager – Supporting Hydrocarbon Processes, Fuels and Lubricants, and Environmental Engineering Departments.

**1974-1979 Shell Norco Refinery** –5 years Chemist/Process Chemist Support to Distillation, Alkylation, Cat Cracking, Environmental

**1966-1974 Education:** BA/MS Degrees in Biochemistry  
University of New Orleans/Tulane University  
30 hrs towards PhD  
2 years Graduate Assistant/Associate - Gulf Research Consortium

**Societies:** ASTM D-2 Subcommittee Participant  
Gulf Coast Conference; Pittsburgh Conference  
Paper Presenter

**Publications:** 6 External Papers; 150 Internal Papers/Reports

**Awards:** 7 Shell Special Recognition Rewards  
Presidents Team Excellence Award

**Patents:** 5,031,698 – Enhanced Oil Recovery

**Residence:** 6 Morning Beach Drive  
Bellingham, WA 98229  
Division 37 Lot 9  
Sudden Valley Resident since August 2003  
SV Lake Whatcom Science Committee Member since 2005

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