



ABBAS ETTEFAGH

SUMMARY

Over 25 years professional experience in detailed and conceptual plant design and simulation; development of process, piping and instrumentation, and system block diagrams; conducting P&ID review meeting and participating in HAZOP & process hazard analyses; designing safety relief and flare header systems; performing hydraulic calculations and economic line sizing for Offshore and Onshore Oil and Gas Production, Chemical and Petrochemical, and Petroleum Refining projects in United States and Overseas.

PROFESSIONAL EXPERIENCE

LXDE Corporation **2003 - Present**
Monroe Township, New Jersey

Senior Process Engineer

Assignment was for detailed engineering design of expansion of existing Ethylene Glycol unit for Formosa Plastic Petrochemical Co., at Taiwan.

ABB Lummus Global Inc. **January 2001 - June 2003**

Senior Process Engineer

Assignment was for detailed engineering design of expansion of existing Ethylene Glycol unit for Yanbu Petrochemical Co., at Yanbu, Saudi Arabia.

Assignment was for basic engineering design of Ethylene unit for Shanghai SECCO Petrochemical Co., LTD at Shanghai, P. R. of China.

Assignment was for detailed engineering design of a VGO Hydrotreating and Hydrogen units for Tyumen Oil Company Ryazan Refinery in Ryazan, Russia.

Parsons Infrastructure & Technology Group, Inc. **June 2000 - January 2001**

Principal Engineer

Field assignment was for verification of as built drawings and updating CAD file for project.

ABB Lummus Global Inc. **April 1995 - April 1999**

Work at ABB Lummus involved basic and detailed engineering design; development of P&ID and utility flow diagrams; participated in P&ID review meeting and process hazard analyses with client; performing hydraulic calculations and economic line sizing; selecting and sizing pressure relief valve, flow/orifice meters and control valves; selecting piping material and insulation thickness; reviewing equipment vendor data; preparing line schedules and summary; estimating utility and chemical consumption.

Senior Process Engineer

Assignment was for detailed engineering design of Ethylene unit for BASF / Fina at Fina's Port Arthur refinery, Texas.

Oversea assignment was at the ABB Leiden office in The Netherlands on preparation of proposal for Oil & Gas facilities.

Assignment was for basic engineering design of 40 MBOPD oil and 250 MMSCFD dehydrated gas production on an offshore platform for AMOCO Production Company, E&P sector in Viosca Knoll block area ESE of Venice, Louisiana.

Assignment was for detailed engineering design of a NGL recovery/extraction facility on an offshore platform for Mobil & Nigerian consortium in Bonny Island, Nigeria.

The Ralph M. Parsons Company

March 1989 - February 1995

Work at RMP involved basic and detailed engineering design; plot plan and model review; development of P&ID and instrument data sheets; hydraulic calculations and equipment specifications.

Principal Process Engineer

Assignment was for detailed engineering design of a Crude Oil Desalting facilities consist of two-stage Gas/Oil Separation plant (**GOSP**) with production capacity of 330 MBOD desalted crude and 150 MMSCFD compressed gas for ARAMCO in Hawiyah, Saudi Arabia with responsibility for wet crude handling unit, utilities and auxiliary systems

Assignment was for basic engineering design of a Hydrotreater unit for Kyung in Energy (KIE) Inchon refinery in Seoul, South Korea.

Assignment was for basic engineering design of Crude Oil Desalting facilities consist of two-stage Gas/Oil Separation plant (**GOSP**) with production capacity of 330 MBOD desalted crude and 150 MMSCFD compressed gas for ARAMCO in Uthmaniyah, Saudi Arabia with responsibility for utilities and auxiliary systems of gas gathering and wet crude handling units

Assignment was for basic engineering design of a Hydrodesulfurizing unit for Yukong Ulsan refinery in Seoul, South Korea.

Assignment was for detailed engineering design of Phthalate Ester Plasticizer & Oxo Alcohol production facilities (namely EAGLE & LION project) for Exxon Chemical Company in Baton Rouge, Louisiana. Assisted Exxon in developing a process definition package and received an Exxon Quality Certificate.

the M. W. Kellogg Company

August 1988 - March 1989

Self-employed

June 1983 - August 1988

The Ralph M. Parsons Company

November 1981 - June 1983

Occidental Engineering Company

August 1980 - November 1981

Holmes & Narver Inc.

October 1977 - July 1980

Fluor Engineers & Constructors Inc.

August 1974 - October 1977

EDUCATION

BS, Chemical Engineering, Georgia Institute of Technology, Atlanta, Georgia (1974)

MS, Chemical Engineering, University of Southern California, Los Angeles, California (1977)

Completed PRO/II simulation program training course offered by Simulation Sciences, Inc.

Computer proficient in the following areas:

- Microsoft Windows NT & XP, MS Word & Excel
- Simulation programs: PRO/II, HYSYS 2.4, ASPEN PLUS
- Mathematical programming: TKSolver!, MathCAD
- P&ID development tools (Smart P&ID)
- Intergraph MicroStation and AutoCAD

PROFESSIONAL AFFILIATIONS

Chemical Engineer, California (3899), 1982

Certificate of Recognition from Exxon Major Venture Intermediate America Quality Committee

Appreciation Certificate from Exxon Lion Project Quality Committee



LXDE

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