



ANDREW E. DIAMANT

SUMMARY

- Over forty-three years EPC experience primarily with oil refining projects as a project director, project manager and project engineer.
- Managed and/or worked on several major projects with locations in the U.S.A., Canada, Europe, Asia, and the Middle East. During the early years worked as a field construction engineer and superintendent on several U.S.A. and Canadian construction projects.
- Since 1990 has held positions of Manager of Projects, Project Director and Project Manager. Projects include front end design packages and detailed design and procurement contracts. Several of the latter include significant construction assistance.
- Detailed experience includes proposal preparation, estimate reviews, evaluation of engineering contractor and construction contractor/subcontractor proposals and preparation of execution plans including schedules.

WORK EXPERIENCE

LXDE Corp. Inc. Monroe Township, New Jersey **2008 – Present**
Consultant

- Project Management – Oil refining and Petrochemical Industries

Jacobs Engineering Group, Mt. Laurel, New Jersey **2005 – 2008**
Manager of Projects

- Managed project managers and project engineers.
- Led proposal preparation and estimate review efforts.
- Managed early detailed design and procurement for a crude unit revamp.
- Preparation of a process design package and detailed design for a flare gas recovery system.

Foster Wheeler USA Corporation, Houston, Texas **1965 – 2005**

Project Director, Houston, Texas **2003 – 2005**

- Front-end engineering and estimate for the replacement of two coke drums and support structure for Flint Hills Resources, Corpus Christi, TX.
- Front-end engineering package for the specification, installation and associated modifications to existing facilities for three new 250,000 #/hr boilers each at Valero Refining in Houston and Texas City, TX.
- Detailed design package for the revamp of a platform heater and associated new facilities for ConocoPhillips in Trainer, PA.
- Coke drum replacement project including initial study, detailed estimate, coke drum procurement services and detailed design for Valero Refining, Corpus Christi, TX.

Director of Project Operations, Perryville, New Jersey **2001 – 2003**

- Directed project managers and project engineering managers. Managed local operations during transition of Process Plants group to Houston, TX.

Project Director/Project Manager, Perryville, New Jersey**1990 – 2001**

- Front-end design package for a hydrogen unit expansion and hydrotreater fired heater study with SNC-Lavalin for PetroCanada Montreal, Quebec and Oakville, Ontario.
- Study, estimate and negotiation support for a 20 MMSCFD hydrogen unit with BOC Gases for Petrobras's REFAP refinery in Canoas, Brazil.
- Front-end engineering package and an invitation to bid document for a hydrogen unit expansion for KNPC, Mina Abdulla Refinery, Kuwait.
- Front-end engineering, detailed design, procurement and construction assistance for the 2-drum expansion for the 4-drum coking unit at Shell Oil, Deer Park, TX.
- Detailed design for the 8-coke drum, 122,400 BPSD delayed coking unit for Reliance Petroleum/Bechtel France, Jamnagar, India. Included management of design teams located in two domestic offices with peak staff of approximately 275. Included the front-end engineering/design package subcontracted to UOP.
- Front-end engineering design package for a sulfur silanes unit for Witco/OSi Specialties, Termoli, Italy.
- Front-end engineering package for a visbreaker unit for PARCO, Mahmood Kot, Pakistan; through UOP.
- Coke drum replacement project for Shell Oil, Norco, LA.
- Two MTBE units for Shell Oil, Norco, LA and Deer Park, TX.
- Expansion of the residual catalytic cracking unit (RCCU), Shell Oil, Norco, LA.
- Engineering manager for the residual catalytic cracking unit project, Shell Oil, Norco, LA.

Project Engineering Manager, Perryville and Livingston, New Jersey**1978 – 1990**

Process design and engineering package for an RCCU project, Shell Oil, Norco, LA.

- Front-end design package for the Passaic County (NJ) Resource Recovery Facility.
- SNC/Foster Wheeler Ltd. fast-tracked project to replace a fire damaged 600 ton hydrotreater reactor facility at Petro-Canada Products, Clarkson, Ontario. Included supervision of the field design staff to allow continuous plant operations until installation of the new reactor.
- Supercritical CO₂ caffeine extraction project, General Foods/Maxwell House Division, Houston, TX.
- New and revamp projects to modernize Ciba-Geigy's chemical/dyes plant, Toms River, NJ including supervising design staff at the plant site.
- Platformer/Unifiner revamp for Quaker State, St. Marys, WV.
- Front-end design of the gas treating and compression unit for the industrial fuel gas demonstration plant for Memphis Light, Gas and Water Division/U.S. Department of Energy, Memphis, TN.
- Front-end engineering package for export fuels refinery for Petromin/Mobil, Yanbu, Saudi Arabia.
- Design and procurement for the construction village for the LNG-3 Project for Sonatrach, Bethioua, Algeria.
- Development of construction subcontract procedures and subcontract requisitions for engineering standards.

Superintendent of Project Services, Construction Department**1976 – 1978**

- Supervised onsite engineering services, cost control, planning and scheduling, sub-contract administration, inspection and management of the construction materials warehouse and onsite procurement services for a major lube plant modification and multi-unit addition for Gulf Oil Canada Ltd., Clarkson, Ontario.

Chief Construction Engineer, Construction Department

1972 – 1976

- Multi-unit refinery expansion for Chevron Oil Co., Perth Amboy, NJ.
- Hydrotreater for Ashland Oil and Refinery Co., St. Paul, MN.
- HF alkylation unit for Imperial Oil, Sarnia, Ontario, Canada.

Estimating Engineer, Construction Department, Livingston, NJ and Houston, TX

1970 – 1972

- Preparation of direct and indirect construction labor hours, proposal estimating of construction capital tool requirements and assisting the estimating department in preparing field construction costs.

Construction Engineer, Construction Department

1965 – 1970

- Multi-unit refinery modernization program for Crown Central Petroleum Corp., Pasadena, TX.
- Delayed coking unit for Standard Oil of California, El Segundo, CA.
- Paraxylene unit for Shell Oil, Deer Park, TX.
- Grass roots Stereo Rubber plant for Goodrich-Gulf, Orange, TX.

EDUCATION

BSCCE, Rutgers University, New Brunswick, NJ



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