



PHILIP J. PHILLIOU

SUMMARY

Engineering operations management and project management for process and project engineering of petrochemical, refinery, chemical, pharmaceutical and industrial plants from grass-root facilities to major revamping of existing plants. Responsibilities include directing and supervision of all project managers, monitor of overall project performance, and technical auditing of major processes.

SUMMARY OF EXPERIENCE

LXDE Corporation Monroe Township, New Jersey	2001 - Present
Project Director	
Kvaerner Process	1988 - 1999
Senior V.P. Operations	
Lummus Co.	1960 - 1988
V.P. Operations Director	

EXPERIENCE DETAIL

Project Director Vice President

- Responsible for execution of projects in the Northeast
- Responsible for execution of several detail study/estimates including control system upgrading, polymer plant, petroleum refinery heat integration study.
- Debottlenecking AIRCO Needle Coke (grass roots) facility in Seadrift, TX
- BASF's MDI project in Geismar, LA, project included front end engineering, detail design and procurement.

Manager of Project Engineering

- Responsible for project engineering activities in Bloomfield Division.
- ICI Grassroots Polyester Plant in Hopewell, VA
- Orinoco Mining Co. Iron Ore Reduction and Briqueting Plant, Puerto Ordaz, Venezuela
- Vulcan Material Methylene Chloride Plant Expansion, Newark, NJ
- Schenectady Chemicals Co.'s Alkylated Phenols Plants
- Responsible for directing the proposal and project execution for a coal fired 300 MW Cogeneration Facility.

Manager of Projects/Vice President

- Responsible for directing and supervising all Project Managers (30). Also responsible for all estimating, scheduling and cost engineering. Directed the early phases of American Cyanamid's new herbicide facility built in Hannibal Missouri.

Senior Project Manager

- American Cyanamid Prowl Herbicide in Hannibal, Missouri
- Developed the Site Master Plant Sohio (Vistron) Grass Roots Petrochemical Complex in Victoria, TX
- SOHIO Aromatics extraction project in Lima, Ohio
- Using various technologies as Tetra Process: TDHA Process; and a Linde Process
- Technical audits of vinyl Chloride Monomer Plant built in Taiwan and delayed coker and vacuum units built for Petrobras in Brazil.
- Oversaw the execution of several projects at Lummus Office in Sao Paulo, in Brazil.
- Grass-root Sweetener Plant located in Augusta, Georgia.
- Proposal manager for grass roots, Ethylene Oxide/Glycol facility for Dupont and polyester fiber plant expansion for Monsanto.

Lead Project Engineer/Process Manager

- GAF Ansco Paper Coating Plant and Experimental Coating Facilities, located in Binghamton, New York.

Senior Process Engineer

- Mobil High Purity Terephthalic Acid Plant located in Beaumont in Texas
- Parnex Plant for high purity salt from Brine, Located in Mexico
- Lummus Formaldehyde Process. First plant built for GAF at Calvert City, KY
- GAF Acetylene Derivatives (Butanediol) Plant expansion at Calvert City, KY
- Recovery and Purification Units for a TDI and Alkylbenzene Plant
- Process audit of the Caustic-Chlorine Plant built for Wyadotte Chemical Co. at Geismar, LA
- Petrochemical "Master Plan" for Neste Oy, Finland
- Responsible for evaluating "new" processes and sales "backup" for Chloro-fluoro Hydrocarbons. HCL Recovery, Phthalic Anhydride, Maleic Anhydride, Bisphenol "A", Ethylene Oxide, Hydrogen Cyanide

Computer Analyst

- Application of digital computers for process design

Process Design Engineer

- Pilot plant design, operations supervision and plant start-up for a plant to manufacture halogenated hydrocarbons and recovery of by-product HCL, located at Calvert City, KY

Chemical Engineer

- Engaged in laboratory, pilot plant and plant studies for the extraction of coffee and gelatin.

EDUCATION & AFFILIATIONS

B.S. Chemical Engineering, MIT

M.S. Chemical Engineering, NYU

PATENTS

Acetic Acid Recovery from Aqueous Solution by Distillation and Crystallization - 3, 616, 268



LXDE

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