



DOUGLAS W. GRUPE

SUMMARY

Over 35 years experience in engineering project management and project execution in petrochemical, refinery, chemical, and pharmaceutical industries. Held responsibilities for technology application as well as project execution performance, engineering office operation, and project cost control.

PROFESSIONAL EXPERIENCE

Owner's Engineer: Lead technical team to provide technical support for the permitting of a 2 x 900 MW CC re-powering project in New York City. Technical member of teams which contracted two power projects in China, and successfully bid two other power plants – one in Turkey and one in Tunisia. Owner's representative for construction contract for 2 x 300 MW coal power plant. Provided technical support for new regional offices in Hong Kong.

Branch Manager: Opened a satellite office in Linden, NJ to service Exxon's Bayway refinery environmental upgrade projects under an umbrella agreement.

Project Manager: Responsible for management of engineering, procurement and construction of projects. Built a polypropylene unit within a major operating facility in northern New Jersey. Simultaneously built expansions to two existing General Electric resin plants implementing a new confidential technology in Illinois and West Virginia. Expanded the capacity and upgraded the quality of an existing Animal Feed Ingredient facility in Hannibal, MO. Increased capacity of Quantum Chemical ethylene plant by 40% by debottlenecking strategic areas of the plant.

Project Controls Manager: Assigned to directorate of a consortium formed between Lummus Crest, Inc. and Techint S.A. in Buenos Aires, Argentina to coordinate control activities between the partners. The project, which converts heavy ends production of an existing YPF refinery, included engineering, procurement, and construction.

Project Engineering Manager: Responsible for the overall technical execution of a project according to standards used and schedule required. Projects include crude desalting, delayed coking and off-gas processing, and aromatics plants. Basic engineering and feasibility studies include those for ethylene, a lube oil refinery, and a gas gathering, processing, and distribution system.

Proposal Manager: Responsible for execution of assigned proposal from inception to final presentation in accordance with established budget and required time schedule. Proposals include styrene monomer-propylene oxide plant, pharmaceutical antibiotic project, and waste water management facilities.

Project Engineer: Responsible for technical execution of work within the assigned plant area, including preparation and approval of related engineering and control documents and coordination of technical information. Project include a styrene plant expansion, a caprolactam plant expansion, styrene and ethylene basic engineering design data books, and various project feasibility studies.

System Engineer: Responsible for translation of process flow diagrams into piping and instrumentation diagrams, including hydraulics, calculations, instrument data, line schedules, and material specifications. Projects include ethylene, ammonia, styrene, and synthetic natural gas plants.

EDUCATION

Stevens Institute of Technology
Bachelor of Engineering



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