

Jack L. Pizzo, Jr.
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Summary of Qualifications

Experience directing multi-discipline engineering teams, equipment vendors and construction contractors through all phases of industrial projects. Thorough understanding of the steps required to take a project from inception through commissioning. Capable of managing field activities from initial survey through construction as well as managing office engineering from front end loading through detailed engineering.

Experience

2007 - Present Project Manager/Project Engineer, Worley ECR

Project management and/or project engineering responsibility for multiple refinery and chemical plant expansion, compliance and reliability/maintenance projects.

Interact with customer to establish project goals, develop project plans, establish budget, set timeline and develop procurement strategy. Manage engineering, provide cost reporting, manage schedule, oversee construction and support commissioning.

- \$50.0 million refinery reactor expansion – front end loading and detailed engineering to increase diesel throughput with the installation of a new 150,000 gallon reactor and associated mechanical, electrical and instrument modifications.
- \$20.0 million boiler replacement – front end loading, construction studies, equipment specification, proposal review and vendor evaluation to develop an execution strategy for replacement of an end of life refinery steam boiler.
- \$13.0 million solar film production unit – contract administration for specification, procurement and vendor management of a custom engineered production unit. Managed critical component delivery to maintain project construction schedule.
- \$10.0 million plant demolition – construction liaison and detailed engineering to idle and demolish plant equipment and systems in preparation for a \$175.0 million expansion. Demolition effort was completed ahead of schedule and within budget.
- \$5.0 million molten sulfur handling system – front end loading and detailed engineering for a new molten sulfur handling system to increase plant capacity.
- \$4.0 million reactor upgrade – front end loading, detailed engineering, construction and commissioning of caustic system upgrades to increase reactor run time.
- \$3.3 million chemical production unit – front end loading, detailed engineering, permitting, construction and commissioning for a new coatings production unit.
- \$3.0 million infrastructure upgrade – front end loading, detailed engineering, construction and commissioning to replace end of life electrical equipment.
- < \$3.0 million projects – all project phases for various process expansions, fire protection compliance, utility upgrades and reactor process control improvements.

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2001 - 2007 Project Manager/Project Engineer, Orbital Engineering

Field engineering for multiple refinery capital projects and turnarounds. Detailed engineering for projects in the consumer products industry. Projects typically ranged between \$0.5 - \$1.5 million.

- Flare installation – specify, install and commission a temporary flare system used during a refinery turnaround.
- Consumer products plant expansion – equipment specifications and detailed engineering for multiple plant expansions at a consumer products facility.
- Waste heat boiler upgrade – specify, design and install new boiler feedwater pumps and replace failed boiler components.
- Alkylation unit piping upgrades – design coordination to replace deteriorated process piping and pressure relief systems.
- Pipeline compliance documentation – field surveys and process documentation updates for multiple bulk storage and distribution facilities in three states.
- Refinery turnarounds – field engineering to develop bid packages, ensure quality of work, resolve field questions and participate in pre-startup safety reviews.

Education

Bachelor of Mechanical Engineering, Villanova University, Villanova, PA

Various graduate level business courses, Widener University, Chester, PA

Professional training: Dow Chemical Global Project Methodology, Jacobs Project Management

Continuing education coursework in project management tools and techniques

Professional Licenses/Certifications

Registered Professional Engineer (PE), State of Pennsylvania

Project Management Professional (PMP) Certification – in progress

Additional Skills

Microsoft Word, Excel, PowerPoint and Project

SAP Enterprise Resource Planning (ERP) for cost reporting and material management

Independent Project Analysis (IPA) tools and techniques for front end loading and project metrics

Work share with overseas engineering centers