

Tom Moody

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OBJECTIVE: Position of a Chemical Engineer Grade IV in a reputed organization

HIGHLIGHTS:

- As a researcher for Houston State University, served with teams of chemical engineers from other universities collaborating to resolve complex manufacturing problems.
- Frequently served as project team manager.
- Completed projects on time and within budget.

EXPERIENCE:

Guzman Incorporated

Bensalem, PA

Chemical Engineer II/III

February 2001 to Present

- Designed equipment and developed processes for manufacturing chemicals and related products.
- Designed equipment to control movement, storage and packaging of solids, liquids and gases.
- Designed and planned measurement and control systems for chemical plants based on data collected in laboratory experiments and pilot plant operations.
- Supervised workers engaged in constructing equipment to carry out chemical processes on a commercial scale.
- Analyzed operating procedures, equipment and machinery functions to reduce processing time and costs.
- Determined best compromise between process requirements, profitability, safety hazards and environmental considerations.
- Performed tests and took measurements throughout stages of production to determine degree of control over variables such as temperature, density, specific gravity and pressure.

Houston State University

Houston, TX

Staff Researcher

September 1996 to January 2001

- Conducted research, analysis, synthesis and experimentation for a variety of chemical engineering projects to develop improved chemical manufacturing processes.
- Designed new database.

EDUCATION: **Houston State University**

Houston, TX

Ph.D. in Chemical Engineering

REFERENCES: Available upon request