

## 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