

*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