
CERAMIC ENGINEER RESUME

Job Objective:

To obtain a Ceramic Engineer position in well-known establishment that will help to further boost my career.

Summary of Qualifications:

- Remarkable experience with Advanced Ceramics and as a Process and Material Engineer
 - Steep knowledge of Oxide Gas Fired Kilns and High Temperature Vacuum Furnaces
 - Good understanding of ceramic material and metal properties
 - Familiarity with ceramic and metal powder processing
 - Skilled in developing and improving ceramic and metal alloy powder processes
 - Deep knowledge of Lean Manufacturing , Six Sigma Principles and Application as well as a huge leadership knowledge
 - Superior analytical and problem-solving skills
 - Excellent communication skills
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Work Experience:

Ceramic Engineer, August 2005 – Present
Leco Corporation, Hanford, CA

- Supervised testing of physical, chemical, electrical, and thermal properties.
- Evaluated test results to analyze which materials would improve product quality.
- Researched methods to innovate new ceramic products and handled ceramic material failure analysis.
- Outlined equipment used to handle ceramic products and coordinated the testing of finished ceramic products.
- Delegated material characterization, shrinkage control and material quality assurance systems.
- Created process controls and maintained effectiveness of oxide ceramic kilns.

Ceramic Engineer, May 2000 – July 2005
CoorsTek, Inc., Hanford, CA

- Advanced production methods and controls and resolved unusual problems in coordination with supervisor.
 - Managed work with conventional types of plans, investigations and surveys.
 - Advanced estimate and cost guidelines and evaluated completed orders.
 - Maintained written standards on the production procedures and administered employees.
 - Coordinated with customers and suppliers as well as interpreted quality standards.
 - Executed detail-oriented tasks.
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Education:

B.S in Ceramic Engineering, John Wesley College, High Point, NC

M.S in Materials Science, Orangeburg-Calhoun Technical College, Orangeburg, SC

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