

# David L. Amerson

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**Education** 1988 Auburn University Auburn, AL

- B.S., Electrical Engineering with Honors

**Certifications** Professional Engineer, State of Alabama

**Experience** June 2001 – Present Strategic Industrial Solutions Birmingham, AL

**Vice President / Project Engineer**

- Developed and tested software and performed commissioning for installation of 4500 HP high-speed reciprocating compressor units.
- Provided consulting, engineering, software development and startup support to all aspects of controls upgrade project at AGL Resource's Cherokee LNG facility. Project included software and display development using Honeywell DCS control systems.
- Provided consulting, engineering, software development and startup support to all aspects of controls project at AGL Resource's new Pivotal Propane facility. Project included software and display development using Honeywell DCS control systems.
- Developed and tested software and performed commissioning for installation of turbine fuel gas conditioning system at three natural gas compressor stations.
- Developed engine specific recipe files and performed facility start up for reciprocating engines at 13 natural gas compressor stations as part of a Station Upgrade program.
- Upgraded existing station software and performed installation and facility start up at 3 natural gas facilities.
- Developed Graphics for Wonderware systems used at Elba Island Liquefied Natural Gas facility.

November 1999 – June 2001 Southern Natural Gas Birmingham, AL

**Senior Engineer – Engineering Dept.**

- Project Manager for pipeline, compressor and measurement projects with a total value of over \$10 million.
- Responsible for design, material procurement, construction management, and cost control.
- Administrative manager for third party project managers.

February 1999 – October 1999 Southern Natural Gas Birmingham, AL

**SONAT / El Paso Energy Merger – Transition Team**

- Represented SNG Engineering Department.
  - Defined roles and responsibilities for various jobs/departments within new organization.
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- Interviewed key customers to define project needs.
- Analyzed workload among companies to define proper resource levels.

August 1997 – January 1999    Sonat Services                    Birmingham, AL

**Operational Auditor – Internal Audit Dept.**

- Served as auditor-in-charge for environmental and operational audits.
- Performed Operations Improvement Audit including developing protocols to capture facility information and presenting results to senior management.
- Served as compliance program representative.

October 1994 – July 1997    Southern Natural Gas                    Birmingham, AL

**Sr. Training Specialist – Training and Development Team**

- Designed and presented training programs including Operations & Maintenance Manual, Holding Effective Meetings, Presentation Skills, Regulator and Relief Valve Calculations, Work Management Implementation, and Consensus Decision Making.
- Member of SNG Re-engineering team for a 6-month period from March 1996 - September 1996; Redesigned work process for operations and maintenance work performed in field.
- Served on Field Job Redesign effort to form a multi-skilled, multi-crafted field technician workforce.

July 1994 – September 1994    Southern Natural Gas                    Birmingham, AL

**Project Engineer – Engineering Dept.**

- Revised Compressor Automation software.
- Installed lube oil monitoring upgrade to automatically track engine hours and oil consumption.

November 1991 - July 1994    Southern Natural Gas                    Macon,GA

**Project Engineer – Eastern Division**

- Provided technical, operations and compliance support for field locations.
- Rewrote South Georgia Natural Gas Operations & Maintenance Plan to align it with Southern Natural Gas.
- Developed compliance checklists for all DOT forms to assist field locations.

January 1989 – October 1991    Southern Natural Gas                    Birmingham, AL

**Engineer – Engineering Dept.**

- Entry level position as project manager responsible for pipeline, compressor and measurement projects.
  - Project manager for Cedar Cove pipeline that served as the initial coalbed methane source for Sonat Intrastate Alabama.
  - Assistant project manager for Jacksonville Pipeline and Mississippi Canyon 397 Pipeline.
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