



The Leader in Compressed Air Automation Since 1992

Assessment Engineer

Job Type: Full Time

Location: Undetermined

Travel Required: Yes; ~ 50%

Compensation: \$80,000.00 – \$120,000.00

The compensation range provided complies with state specific laws. Factors that may be used to determine your actual rate of pay include your specific skills, years of experience and other factors.

Description

CAM Technologies solves the most difficult engineering challenges found in compressed air systems through comprehensive analysis, design, controls, and automation. Our team forges lasting customer relationships to deliver innovative data-driven solutions, maximizing compressed air system efficiency and reliability while minimizing operating costs. Our vision is to create a more sustainable world as the industry leading partner in compressed air management that people want to work with and work for.

CAM Technologies is looking for an **Assessment Engineer**, ready to research, analyze, develop, and implement assessments to help deliver energy and cost-saving solutions for our customers.

This role serves to identify opportunities for improvement within industrial compressed air systems, including quantifying energy savings opportunities, identifying production improvement opportunities, and documenting these opportunities in order to underscore the impact for our customers.

Responsibilities

- Independently leads comprehensive (e.g. supply side and demand side), on-site compressed air system assessments at customer facilities
- Develops rapport and trust with customers to understand their needs, production requirements, and planned changes within their compressed air system
- Gathers required system data and information, including pressure, power, flow, and air quality, to properly baseline system performance
- Processes, analyzes data and conducts engineering calculations to accurately determine baseline system performance
- Identifies opportunities for efficiency and reliability improvements throughout the compressed air system
- Quantify savings and impact of associated opportunities identified during the assessment.
- Works with data logging equipment throughout the assessment process.
- Leverages assessment tools, instrumentation, and data to provide deliverables. This includes insertion of flow meters, pressure transmitters, current transmitters, power meters, and pressure dew point transmitters.
- Assembles assessment report based on findings and presents assessment findings to team and end clients.

- Works with project team to develop schematic design deliverables to execute on opportunities identified in assessment. This includes creating single line drawings, equipment schedules, piping diagrams, P&ID diagrams, synthesize solutions, and putting together preliminary solutions for our clients.
- Works with CAM leadership to streamline the assessment process and go-to-market strategy.

Preferred Qualifications

- Real-world, hands-on experience executing supply and demand side compressed air assessments in an industrial environment, including planning, implementation, data analysis, and report generation
- Has a flexible, practical, and objective approach to solving problems and uses strong, independent critical thinking skills
- Ability to determine the best technical approach based on project, customer, and budget requirements
- Ability to interpret and provide input on electrical drawings, P&ID diagrams, process flowcharts, etc.
- Familiarity with thermodynamic principles of air
- Organized, conscientious, and adaptable in work execution
- Perceptive and understanding in working with customers
- Excellent verbal and written communication skills
- Self-motivated, capable of working in a team environment or individually

Requirements

- Bachelor's degree or higher in mechanical engineering or similar
- Minimum 5 years of experience in manufacturing or industry in an engineering-type role
- Ability (and desire!) to travel between 25 – 50%
- US Citizenship
- Valid driver's license
- Must pass drug screening and background check
- Must have the ability to lift 50 pounds and climb ladders

Benefits & Perks

- Medical, dental and vision insurance coverage
- Life and Disability insurance coverage
- Company 401k match
- Paid Vacation Time
- Paid Parental Leave
- Annual Company Profit Sharing
- Professional training and advancement opportunities
- Enjoying what you do and the people you do it with

Join us at CAM Technologies and be part of a team driving innovation and excellence in industrial automation. [Apply today.](#)

CAM Technologies, Inc. is an Equal Opportunity Employer and is committed to diversity in our workplace. It is our policy to provide equal employment opportunities to all qualified applicants without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, protected veteran or disabled status, or genetic information.