

# Job Description

Title: Senior Solutions Engineer

Cost Ctr: 602-100

Work Location: Addison, TX

Position Status:  Full-time  Part-time

Division & Department: O&G Solutions

Position Reports to: VP, Oil & Gas Solutions

## **JOB SUMMARY**

The Senior Solutions Engineer relies on knowledge of and experience with complex analytical subsystems to develop and oversee their aggregation and integration into existing Oil & Gas programs. This includes playing a vital role in product customization and integration efforts and creating plans and developing training for various testing and data management platforms. This position requires interfacing with clients to support and promote new and existing programs, product launches, and training on technology, processes, and procedures. Advanced knowledge in analytical chemistry, and the ability to work independently with little supervision is required.

## **SUMMARY OF ESSENTIAL JOB FUNCTIONS**

The essential functions listed below are representative of the functions that must be performed in order to satisfactorily fulfill the purpose of this job. Additional functions and duties may be assumed or assigned from time to time.

- Team member in the planning and development of integrated systems for analytical chemistry and data management to facilitate transfer to the Implementation Team;
- Utilize knowledge of complex systems to create and revise existing Standard Operating Procedures and associated processes for components and systems of analysis and data management;
- Tailor, validate and verify new analytical methods and testing platforms;
- Play a vital role in the Company's quality control efforts by conducting and overseeing audits of analytical and data management systems to ensure continual client success;
- Work alongside Product Development to analyze and understand new products and the technology and testing processes associated with those products;
- Develop training materials and conduct training for internal and external use on the maintenance of integrated systems and subsystems;
- Conduct product demonstrations and technology evaluations at external client sites;
- Daily dedication to teaming and collaboration, ensuring good working relationships with a wide variety of scientists, engineers, project managers, implementation teams and client or partner personnel;
- Focus on continuous improvement;
- Other duties may be assigned to meet business needs.

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## **KNOWLEDGE, SKILLS AND ABILITIES** [education, certification, experience, general skills)

To perform this job successfully, an individual must be able to perform each essential function satisfactorily. The requirements listed below are representative of the knowledge, skills and/or abilities required to satisfactorily perform the essential functions of this job.

- Candidates must have a BS in science or engineering with 3+ years of experience in GC and/or GC-MS analysis and method development.
- Ability to use advanced knowledge in math, science, and engineering to work with various analytical and data systems, including GC-MS, fluorescence spectroscopy, data handling and computer networking;
- Highly organized and detail-oriented with a strong initiative and sense of ownership to drive projects to completion;
- Ability to work independently and exercise good judgment;
- Ability to tackle complex analytical problems and help architect solutions to deliver world class technology;
- Excellent written and verbal communication skills and the ability to work with others both within the company and at client locations;
- Possess teaming and collaboration skills;
- Skilled in customization of GC and GC-MS methods of analysis;
- Strong analytical skills;

## **SPECIAL REQUIREMENTS** [Travel %, language, etc.]

- >3 years' experience with the analysis of petroleum products
- Ability to travel internationally up to 25% of the time.

## **WORK REQUIREMENTS**

The work environment characteristics are representative of those an employee encounters while performing the job. Authentix is committed to complying with all applicable provisions of the Americans with Disabilities Act (ADA), the ADA Amendments of 2008 and all applicable state and local laws concerning disability accommodation. Reasonable accommodations will be provided to individuals with known physical or mental disabilities if such accommodation would not impose an undue hardship on the company, and would enable the individual to apply for, or perform, the essential functions of the position in question.

## **NOTIFICATION**

This Job Description is intended to describe the general nature and level of work being performed by people assigned to this job and is not considered an exhaustive list of all responsibilities, duties and required skills. This Job Description does not constitute an offer of employment. The employment relationship between the Company and its employees is "At-Will" and based on mutual consent. Authentix, Inc. is an Equal Opportunity Employer.