



COMPANY: Cypress In-Line Inspection (“Cypress”)	JOB TITLE: Senior In Line Inspection (“ILI”) Data Analyst	Position Type: Non-Exempt
OTHER: Position reports to Data Analyst Manager and may be based in Houston, TX, or Salt Lake City, UT, or work remotely.		

GENERAL SUMMARY

Cypress is a young technology company serving the municipal water and energy industries. We develop ultra-high resolution in-line inspection (“ILI”) tools offering comprehensive images of pipelines to assist the owners in managing their pipeline integrity programs to protect property, people, and the environment. These ILI tools are complex and utilized to inspect both municipal water pipelines that transport precious drinking water, and energy pipelines that transport various hydrocarbon products routinely transferred via underground pipelines. Our technology utilizes UHR Axial Magnetic Flux Leakage (“MFL”) technology. We work for some of the most prestigious municipal water authorities and energy pipeline companies including City of San Francisco, Jordan Valley, North Jersey Water Supply Commission, Washington County Water, United States Army Corps of Engineers (US Air Force), City of Denver, Chevron, Dominion, DCP Midstream, Plains All American, Phillips 66, Targa Midstream, etc. This position performs qualitative and quantitative checks with proprietary Cypress EcoView™ software in accordance with regulatory standards, and accurately analyzes ILI data to provide comprehensive and detailed reports profiling the conditions of our customer’s pipeline systems. The role is also responsible for data confirmation, customer specification requirement review, advanced data analysis, industry code and standards interpretation, and establishing techniques and procedures.

PRINCIPAL DUTIES & RESPONSIBILITIES (other duties may be assigned)

Specific duties will depend on priorities, but may include:

1. ILI data assessment (by visual signal analysis) and report generation.
2. Identify geometry, corrosion, and geospatial features captured in the ILI data.
3. Generate ILI customer reports utilizing proprietary EcoView™ software.
4. ILI data preparation and processing.
5. Pipeline feature sizing, categorization, and evaluation as per client requirements.
6. Standard and non-standard data analysis methods.
7. Final report analysis review.
8. All other duties as prescribed in ANSI/ASNT ILI-PQ-2017 standards as a Level II or Level III ILI Data Analyst.
9. Mentor and Support Trainee and Level I Analysts.
10. Maintain skills, certifications, and complete additional training (internal/external) as required.
11. Ability to work independently or within a team environment to fulfill project scope.
12. Actively participate in training sessions and pass required exams IAW API 1163 and ANSI/ASNT ILI-PQ-2017 standards.
13. Ability to apply and practice knowledge from informal/formal training, classroom, and OJT to the assigned work area.

14. Promote Environmental, Health, & Safety and always follow safe working practices.
15. Represent Cypress with high moral standards while adhering to its “Code of Business Conduct and Ethics”.
16. Support Cypress’ commitment to its Core Values including safety, leadership, equal employment opportunity, employee development, and operational excellence.
17. Know and understand quality policy and comply with all requirements of the Quality Systems Manual, Operating and Technical Procedures, and Workplace Instructions.

KNOWLEDGE, SKILLS & ABILITIES

- Prior Pipeline In-line Inspection data analysis experience (Level II or Level III).
- Post-secondary education or technical certification; high school graduate/equivalent.
- Very strong analytical skills - determine the quality of ILI data to make sound decisions about next actions if issues are found.
- Ability to solve problems, and recommend improvements and action accordingly
- Strong English communication skills (written and verbal) are required - ability to receive and communicate technical information professionally, accurately, and in a timely manner.
- Strong attention to detail and ability to work in a computer environment for extended periods of time.
- Proficient computer and software skills (Microsoft Word, Excel, Adobe Acrobat).
- Ability to work flexible hours based on business needs.
- Ability to pass a color blindness test.
- Ability to learn quickly and independently.
- Creativity and problem solving.
- Teamwork.

WORKING CONDITIONS

Office environment may include prolonged sitting and repetitive computer use along with evening work

PHYSICAL DEMANDS

Duties involve sitting, standing, walking, and bending. Work normally requires reaching in all directions, seeing and hearing with or without correction, applying intermediate mathematical skills, writing, and proficient computer keyboard skills. Work may require extended hours to ensure project scope is met. Work may occasionally require travel outside of the office, including customer sites.

WORKING RELATIONSHIPS/CONTACTS

Internal - Frequent contact with other employees, departments, managers, and executives

External - Regular contact with clients and vendors

EQUAL OPPORTUNITY EMPLOYER

Cypress is an equal opportunity employer committed to diversity and inclusion. All qualified applicants will receive consideration for employment without regard to race, color, sex, pregnancy, sexual orientation, age, religion, creed, national origin, gender identity, disability, military/veteran status, genetic information or any other categories protected by applicable law.