



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

GENERAL SUMMARY

Cypress is a young technology company serving the municipal water and energy industries. Cypress develops ultra-high resolution fifth generation (“5G”) in-line inspection (“ILI”) tools (also known as “smart pigs” or “pipeline inspection gauges”) that are designed to provide high resolution images of pipelines to assist the owners in managing their pipeline integrity 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 including gasoline, diesel, jet fuel, crude oil, natural gas, natural gas liquids, and other products routinely transferred via underground pipelines. ILI of a pipeline is similar to MRI’s in health care. Our technology utilizes Magnetic Flux Leakage (“MFL”) technology. We work for some of the most prestigious municipal water authorities and energy pipeline companies in the world including City of San Francisco, Jordan Valley, North Jersey Water Supply Commission, Washington County Water, United States Air Force, City of Denver, Chevron, Dominion, DCP Midstream, Plains All American Pipeline, Phillips 66, Targa Midstream, etc. This position performs visual signal analysis of pipeline data with our proprietary Cypress EcoView™ software. This position will help identify anomalies or areas of concern with pipelines in accordance with regulatory standards. The technology allows us to accurately evaluate tool data to provide comprehensive and detailed reports profiling the conditions of our customer’s pipeline systems. For more information about Cypress please see our company website: www.cypressili.com.

- 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 EcoView™ software. ILI data preparation and processing.
 4. Pipeline feature identifying, sizing, categorization, and evaluation as per client requirements.
 5. Maintain skills, certifications, and complete additional training (internal/external) as required.
 6. Ability to apply and practice knowledge from informal/formal training, classroom, and OJT.
 7. Ability to work independently or within a team environment to fulfill project scope.
 8. Participate in training sessions and pass required exams ANSI/ASNT ILI-PQ- standards.
 9. Represent Cypress by adhering to its “Code of Business Conduct and Ethics”.
 10. Support Cypress’ commitment to its Core Values including safety, leadership, equal employment opportunity, employee development, and operational excellence.
 11. Learn and follow our Quality Systems Manual, Operating and Technical Procedures, and Workplace Instructions.

KNOWLEDGE, SKILLS & ABILITIES

- Post-secondary education or technical certification is an asset; high school diploma required.
- Strong analytical skills - determine the quality of ILI data to make sound decisions about next steps.
- 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 with multiple monitors looking at dense data 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, problem solving, and teamwork.
- Prior Pipeline In-line Inspection data analysis experience preferred.

WORKING CONDITIONS

Office environment. Evening or weekend work is possible.

PHYSICAL DEMANDS

Work involves sitting in front of computer displays analyzing data

WORKING RELATIONSHIPS/CONTACTS

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

External – Occasional 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.