



Pipeline Safety

Cycla provides specialized engineering and technical support to the U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA). As the federal regulatory authority with jurisdiction over pipeline safety, PHMSA is responsible for ensuring the safe, reliable, and environmentally sound operation of the nation's 2.3 million miles of natural gas and hazardous liquid pipelines. For over 15 years, Cycla has assisted PHMSA accomplish this mission by providing qualified, unbiased analysis and technical support through its prime technical services contract with PHMSA.

Cycla has directly supported PHMSA executives and management in the areas of program development, policy, enforcement, engineering, and oversight. Cycla's skilled and highly experienced consultants:

- Provide risk analysis expertise to inform PHMSA policy-makers on key pipeline safety issues
- Understand technical details about pipeline integrity management and regulatory initiatives
- Have knowledge about operator audits and inspection procedures through its support of compliance oversight activities



- Perform advanced data analysis to support PHMSA's mission
- Develop specialized information management systems to support PHMSA's risk-informed, data-driven oversight program improvements

Cycla has played a key support role to PHMSA in several ground-breaking safety and regulatory initiatives, including:

- Development and implementation of Integrity Management oversight program for Hazardous Liquid, Gas Transmission, and Gas Distribution systems
- Development and implementation of Operator Qualification program
- Development and implementation of the Control Room Management
- Dig Safely/Common Ground Alliance/811 One-call
- Risk Management Demonstration Project
- Stakeholder Communications

Cycla also provides ongoing support for PHMSA's mission in the areas of:

- Regulatory impact assessment
- Audit/Inspection support
- Data analysis
- Program development
- Research and development

Data Analytics

Risk Analysis

Integrity Management

Safety Management Systems

Cost-Benefit Analysis

Audits and Inspections