



PIPELINE INTEGRITY MANAGEMENT PROGRAMS

Keeping the System Safe

Southwest Gas is committed to operating safe natural gas pipelines that meet or exceed all local, state and federal regulations. Our Integrity Management Programs were developed to ensure the integrity of natural gas transmission and distribution pipelines and to comply with the requirements of the U.S. Department of Transportation §49 CFR Part 192, Subpart O – Gas Transmission Pipeline Integrity Management (TRIMP) and Subpart P – Distribution Integrity Management Program (DIMP).

TRIMP

Our TRIMP includes proactive prevention of transmission pipeline failures, with a focus on High Consequence Areas (locations along the pipeline with high population density and places where people congregate, such as schools, hospitals, parks, and churches). This is achieved through:



ANALYSIS & ASSESSMENT

- Risk modeling
- In-line inspections
- Pressure testing
- Direct assessment



PREVENTION MEASURES

- Extra patrols along the pipeline
- Additional leak surveys
- Remote control valve installation
- Emergency response drills



DAMAGE PREVENTION

- Safe excavation practices
- High-pressure standby
- One-call programs
- Excavator training



Communicating pipeline safety information to public officials, emergency responders, and the general public.

DIMP

Our DIMP addresses the integrity of distribution facilities including service lines to homes and businesses by identifying risks and threats. This is achieved through:



OPERATIONS & MAINTENANCE

- Leak survey and repair
- Threat identification
- Replacement projects



MATERIAL INVESTIGATIONS

- Examining failed components
- Determining leak causes
- Identifying threats



DAMAGE PREVENTION

- Protecting company facilities from excavation and vehicular damage and natural forces
- One-call programs
- Excavator training



CROSS BORES ELIMINATION

- Removal of intersections of gas and sewer piping
- Educating plumbers and public



Communicating pipeline safety information to public officials, emergency responders, and the general public.

