



Pipeline Integrity Management at Alliance Pipeline

Alliance Pipeline is dedicated to being the most reliable, safest, competitive and environmentally responsible transporter of natural gas in North America. Safety and reliability are two of our main focuses.

In December 2003, the Office of Pipeline Safety issued a final rule requiring natural gas pipeline operators to develop Integrity Management Programs (IMP), have them in place by December 17, 2004, and to complete baseline assessments of pipeline in high consequence areas (HCA's). Alliance Pipeline has implemented an integrity management program for these areas in accordance with the DOT regulations. This section is an overview of the Alliance Pipeline IMP and is a reference tool outlining compliance with such federal requirements.

HCA Identification:

Locations along the pipeline system that meet the HCA criteria are identified. Generally, these are high population density areas or difficult to evacuate facilities, such as hospitals, prisons or schools, and locations where people congregate such as churches, office buildings, or playgrounds.

Threat identification & risk assessment:

Information about the pipeline segments are evaluated to identify areas of concern and to assess risk.

Risk Analysis:

A systematic process in which potential hazards from facility operation are identified, and the likelihood and consequences of potential adverse events are estimated.

Regulatory Requirements:

The Pipeline Safety Improvement Act of 2002 (<http://www.gpoaccess.gov/plaws/>) is a federally mandated legislation that addresses risk analysis and integrity management programs for pipeline operators. Section 14 of the Act titled "Risk Analysis and Integrity Management Programs for Gas Pipelines" mandates several new pipeline integrity related requirements.

To reference overview maps of pipelines in your area visit the National Pipeline Mapping System: www.npms.phmsa.dot.gov. NPMS should never be used as a substitute for contacting 811 or your local One-Call Center prior to any excavation activities.

For more information on Alliance Pipeline (including Pipeline Safety, Damage Prevention and an overview of the Integrity Management Plan) visit our website: www.alliance-pipeline.com



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Integrity Management Plan (IMP)

Recent changes in the Code of Federal Regulations requires pipeline operators to monitor and document all activity associated with transmission pipelines. Generally, Alliance Pipeline's IMP consists of a written set of inspection, testing and documentation standards. These standards cover items such as:

- Defining employees' roles and responsibilities
- Identifying HCA's along our transmission system
- Assessing the condition of our transmission system and remediation of potential problems
- Taking preventative and mitigative measures
- Continually assessing and evaluating the transmission system
- Documenting all activity
- Educating the public

High Consequence Areas

A High Consequence Area (HCA) is described as an area along a pipeline where a leak or rupture has the greatest potential to harm human health. Dwellings and locations with assistance requirements are considered under this classification.

Pipeline Safety

In addition to periodic internal inspection, the Alliance system is routinely patrolled by air and monitored electronically. The pipeline is also protected by internal and external coatings, and by a cathodic protection system, which inhibits corrosion.

Damage Prevention

Damage to a pipeline or its coating is a serious concern. A gouge, dent or scrape can weaken the pipeline and, if left unrepaired, could eventually lead to failure. If you come into contact with the pipe or its coating call Alliance immediately. Our qualified people will assess the damage and make any necessary repairs.

Education

Being a good neighbor requires a spirit of cooperation and goodwill. Alliance distributes informational publications, provides updates to elected officials and public service announcements through the media on pipeline activities and safety guidelines.

Farming

Alliance Pipeline is constructed and designed so there is minimal interference with normal farming operations, however, some activities, such as sub-soiling, deep plowing or installing drain tile could affect pipeline integrity. If you are in doubt of the effect your activity might have on the pipeline, please call us before you begin your work. Don't assume the depth of the pipeline, get it located and the depth verified. IT'S FREE.

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5 Steps to Safety

1. Plan your activity – Identify the precise location of your work, check records for evidence of other buried utilities (such as nearby pipeline markers).
2. Call your local One Call agency
3. Be on-site when the pipeline is being located and ensure all other buried utilities are located.
4. Immediately call the **Alliance Pipeline Emergency Number** at **1-800-884-8811** if you come in contact with the pipe or its coating.
5. Always follow the instructions of an Alliance representative.

IF YOU SUSPECT A LEAK

Natural Gas is transported through the Alliance Pipeline transmission pipeline system.

If you smell an odor similar to rotten eggs

If you hear a loud whistling sound

If you see a steam-like cloud or what looks like frost on the ground

IT MAY BE A NATURAL GAS LEAK.

If you suspect a leak:

Leave the area on foot immediately. Once you are a safe distance from the leak, call 911 and follow their instructions.

THERE IS A PIPELINE NEARBY

For your safety, please be responsible and **CALL BEFORE YOU DIG.**

A call to your local One Call agency at least two working days in advance of an excavation activity will alert Alliance Pipeline of your plans. Following your call, Alliance will ensure your safety and the integrity of the pipeline by mobilizing qualified personnel to locate and mark the pipeline for you. Before excavating, ensure all buried utilities have been located and marked. For your convenience call **811** or your state One Call center's number directly:

North Dakota One Call	(800) 795-0555
Minnesota Gopher State One Call	(800) 252-1166
Iowa One Call	(800) 292-8989
Illinois "JULIE"	(800) 892-0123

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References & Links:

PHMSA (Pipeline and Hazardous Material Safety Administration)

Gas Integrity Management Plans:

<http://primis.phmsa.dot.gov/gasimp/>

DOT (Department of Transportation):

www.dot.gov

NPMS (National Pipeline Mapping System):

www.npms.phmsa.dot.gov

For more information on Alliance's Integrity Management Plan contact our U.S. Headquarter Office:

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Eden Prairie, Minnesota 55344
(952) 944-9166 Fax

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