MISSISSIPPI



PIPELINE SAFETY TRAINING



PROGRAM GUIDE

Overview Pipeline Safety Excavation Best Practices Checklist Signs Of A Pipeline Release What To Do If A Leak Occurs Pipeline Emergency Common Ground Alliance Best Practices Pipelines In Our Community Damage Prevention Programs Pipeline Damage Reporting Law



EMERGENCY CONTACT LIST

COMPANY

EMERGENCY NUMBER

COMPANI EMERC	BEINCT NUMBER
Atmos Energy	1-866-322-8667
Black Bear Transmission (BBT AlaTenn, LLC / BBT MIDLA, LLC / BBT Mississippi, LLC)	1-844-940-3077
Caledonia Energy Partners LLC	
Calgon Carbon.	
CenterPoint Energy	1-888-876-5786
Chevron Pipe Line Company	1-800-762-3404
Chisos Pipeline Co. LLC, Mardi Gras System	1-866-240-4431
City of Vicksburg	1-601-636-1096
Collins Pipeline Company	1-855-887-9768
Corinth Gas & Water Department	1-662-286-2263
Denbury Inc.	1-888-651-7647
Enable Gas Transmission	1-800-474-1954
Energy Transfer Crude Oil	1-800-753-5531
Enmark Energy, Inc.	1-800-841-0977
Enterprise Products Operating, LLC	1-888-883-6308
Fayetteville Express Pipeline	1-888-844-8030
Florida Gas Transmission	1-800-238-5066
Genesis Energy, L.P.	1-800-806-5463
Greenleaf CO ₂ Solutions, LLC	
Gulf South Pipeline Company, LLC	
Hunt Crude Oil Supply	1-251-771-6953
Hunt Southland Refining Company	1-800-222-7055
Kinder Morgan - Midcontinent Express Pipeline L.L.C.	1-800-733-2490
Kinder Morgan - Southern Natural Gas Company, LLC	1-800-252-5960
Kinder Morgan - Midcontinent Express Pipeline L.L.C. Kinder Morgan - Southern Natural Gas Company, LLC. Kinder Morgan - Tennessee Gas Pipeline Company, L.L.C.	1-800-231-2800
Leaf River Energy Center LLC.	1-866-966-5732
Leaf River Energy Center LLC. Mid-Valley Pipeline Mississippi Hub, LLC	1-800-753-5531
Mississippi Hub, LLC	1-888-307-7595
Monroe Gas Storage	1-8//-256-4521
Petroleum Fuels Company	1-800-275-6549
Plains Pipeline, L.P.	1-800-708-5071
Southeast Supply Header	1-866-9//-/3/4
Southern Company Pipelines	1-844-35/-4656
Southern Company Pipelines Southern Pines Energy Center (Toll free)or	1-8//-489-/213
or	1-310-203-2300
Targa Resources Inc	1-0//-940-042/
TC Energy Natural Gas	1 200 4403-3500
TC Energy / Columbia Gulf Transmission	1 966 495 3427
Texas Eastern Transmission L. P. (Enbridge)	1_800_231_779/
TC Energy / Columbia Gulf Transmission Texas Eastern Transmission L.P. (Enbridge) Texas Gas Transmission, LLC	1_800_626_1948
Third Coast Midstream	1-800-926-4352
TransMontaigne Operating Company	1-800-732-8140
Treetop Midstream Services	1-800-969-2940
Trunkline Gas	1-800-225-3913
Valero Terminaling and Distribution Company	1-866-423-0898
Valero Terminaling and Distribution Company Valero Partners Operating Co., LLC	1-866-423-0898
Williams Gas Pipeline Transco	1-855-945-5762

Note: The above numbers are for emergency situations. Please see individual company sections for non-emergency contact information. Additional pipeline operators may exist in your area. Visit the National Pipeline Mapping System at www.npms.phmsa.dot.gov for companies not listed above.

ONE-CALL SYSTEM	PHONE NUMBER
Mississippi 811 National One-Call Referral Number National One-Call Dialing Number	

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Pipeline Purpose and Reliability

- Critical national infrastructure
- · Over 2.7 million miles of pipeline provide 65% of our nation's energy
- 20 million barrels of liquid product used daily
- · 21 trillion cubic feet of natural gas used annually

Safety Initiatives

- Pipeline location
 - [°] Existing right-of-way (ROW)
- ROW encroachment prevention
 [°] No permanent structures, trees or deeply rooted plants
- Hazard awareness and prevention methods
- Pipeline maintenance activities
 - ° Cleaning and inspection of pipeline system

Leak Recognition and Response

- · Sight, sound, smell indicators vary depending on product
- Diesel engines fluctuating RPMs
- · Black, dark brown or clear liquids/dirt blowing into air/peculiar odors/dead insects around gas line/dead vegetation
- Rainbow sheen on the water/mud or water bubbling up/frozen area on ground/frozen area around gas meter
- · Any sign, gut feeling or hunch should be respected and taken seriously
- Take appropriate safety actions ASAP

High Consequence Area (HCA) Regulation

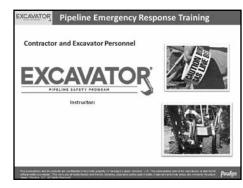
- Defined by pipeline regulations 192 and 195
- · Requires specialized communication and planning between responders and pipeline/gas personnel
- · May necessitate detailed information from local response agencies to identify HCAs in area

One-Call

- · One-Call centers are not responsible for marking lines
- · Each state has different One-Call laws. Familiarize yourself with the state you are working in
- · Not all states require facility owners to be members of a One-Call
- · You may have to contact some facility owners on your own if they are not One-Call members
- · In some states, homeowners must call before they dig just like professional excavators



Know what's **below. Call** before you dig.



EXCAVATOR Continuing Education Unit (CEU) Opportunities

Mississippi Continuing Education Units

Law Enforcement: Mississippi Office of Standards & Training – approved for 1.0 hour preparatory <u>Fire Service:</u> Mississippi State Fire Academy – approved for 2.0 hours CEU. See instructor for special sign-in sheet for MSFA <u>Water & Wastewater Operators:</u> Mississippi

Department of Health / Bureau of Public Water Supply 2.0 CEUs. See instructor for special sign-in sheet

EXCAVATOR Pipeline Operator Challenges

- Timely notification of the incident
- Denied entry at scene of incident
- Quick access to remote valves/ICP
- Getting equipment into the area
- Communications with incident command
- Clear lines of communication (both ways)
- Face to face meetings with local officials
- Pre-planning with emergency services

o contractors and excavators face me of these same challenges?



EXCAVATOR Local Operator Information*

- Operator and/or company name
- Pipeline systems and products
- * Location of pipelines

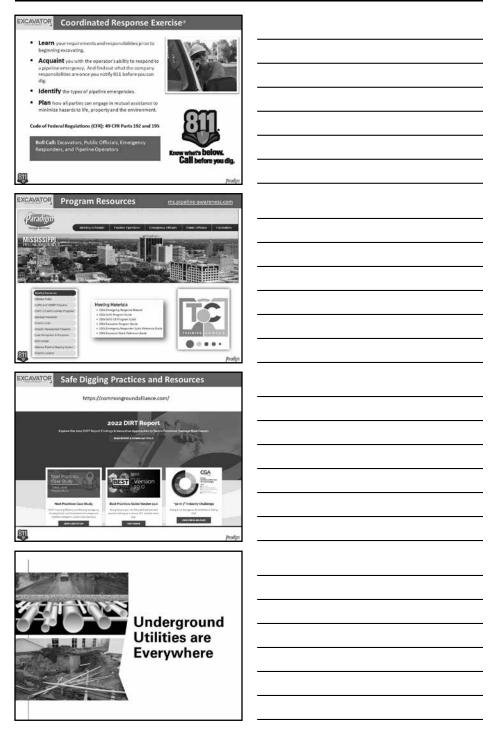
811

- Pipeline size/operating pressure(s)
- Operator Response(s) to a pipeline emergency

*Information in the materials may not represent all pipeline companies in your area.

On your awareness sarvey, please provide your cell phone number – this will make registering for and attending future meetings easier!









Damages from not following the Digging Law.



Damage Prevention is Everyone's Responsibility

- We all have a stake in preventing damage to all underground infrastructure.
- Cooperation of all parties involved is required for a safe work environment.
- Call MS 811 before you dig, Law!
- Damages can be expensive:



Current Dig Law Overview

 Anyone using mechanized digging equipment – whether it is building a road or bridge, building a fence, digging drainage ditches, adding onto a house or building a new facility – is responsible for contacting Mississippi 811 to ensure that underground utilities are not damaged during excavation.



Current Dig Law Overview

- You must call 811 at least 3 working days before and not more than 10 days prior to digging.
- · A locate is only good for (14) calendar days. · If the project lasts longer than 14 calendar days, you must update the ticket no more than 4, and
- not less than 3 days before expiration. If the lines are not located when you arrive, you must call 811 for a "2 hour No Response ticket". If after 2 hours lines are still not marked you can dig, but you must do so in a safe and prudent manner.

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Current Dig Law Overview

- If you damage a utility in any way, you must notify the utility immediately and give them time to make repairs.
- If you hit a utility and cause a hazardous material leak you must call 911, 811, and the damaged utility.
- Serious Liability Issues can arise if the Law is not followed.
- Everyone must have their own dig ticket. You cannot operate off someone else's dig ticket.



LAW CHANGES

1. Change Emergency dig tickets to include both an Imminent Emergency Ticket (EXCAVATION TO START IMMEDIATELY) and an Impending Emergency Ticket (with a start date no less than 12 hours)

2. Change the Time to locate from Two workingdays to Three working days

3.Change the four hour no response ticket to a two hour no response Ticket.

4.If operator brings a lawsuit to enforce compliance with the law, the prevailing party can be awarded legal cost, expenses, and fees.

Marking of Utilities

. The Utility has 3 working days to mark their utilities as shown below:



RECLAIMED WATER SEWER / DRAINAGE SURVEY MARKS PROPOSED EXCAVATION



Excavators and locators, note the list of utilities that will be present in your excavation site

There may be more than one of the same utility type listed on the locate ticket using the same color paint.

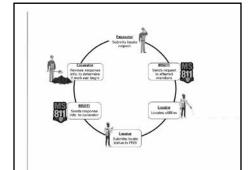
There may be more than one Telecom, Electric, Gas, or Water.

Each utility in this case should clearly notate which company the locate marks represent.

All could be present, or some may be no conflict.

Mandatory Positive Response NEW LAW

- Effective January 1st, 2021
- · House Bill 1334
- Section 77-13-9



What can You do about violations? File an Alleged Violation Report!





anti in	MS811.org
Where to find & file an AVR?	msdamageprevention.com
	MS811 phone app.

SB2755 - "MISSISSIPPI 811" BILL HIGHLIGHTS

Section 2:

Γ

- ENFORCEMENT/PENALTIES
- Creates system of enforcement/penalties and training for violations of dig laws (§77-13-1, et seq). Penalties apply to excavators & utilities.

Tiered penalty structure by offense:

- 1st offense Training (letter with copy of law and instructions to follow)
- * 2nd offense up to \$500 and training
- 3rd offense or subsequent violations up to \$2500 or Willful/Gross negligence misconduct up to \$5000
- The violator will be on record for 5 years



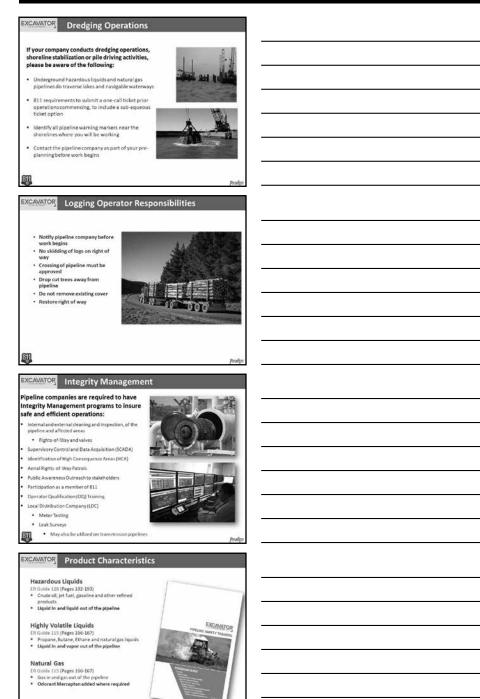
LET US HELP YOU!



MS811 OFFERS FREE SAFETY TRAINING TO YOUR EMPLOYEES AT YOUR LOCATION!

Jerry Kennemur	John Stallings	Charles Stallings
North MS	Central MS	South MS
North MS	Central MS	South MS
jarry if muB11 ang	john@mi811.mg	charlee if mu811.org
(662) 415-2904	(662) 719-0728	(228) 234-1795
1		
Bert Pickard	Bill Butledge Bural Water & Public	George Lowis
South MS	Nural Water & Public	Governmental Liaiso
bert Ilma811.org	Works	georgenii meti 11. org
(228) 348-2419	bill if mill 1. org	1601) 668-9614





EXCAVATOR Carbon Dioxide (CO₂)

Description and release characteristics ER Guide 120 (Pages 176-177)

- CO₂ is a coloriess, odoriess gas in its purest form
- In the pipeline, CO2 travels in the form of a liquid If a release were to occur, it would be as a gas and have a slightly mustyodor
- A refrigeration effect would occur with a release, producing a vapor cloud (similar to a white smoke cloud), and could be easily dispersed by the wind
- Touching the pipeline or the escaping CO₃ near the leak could cause frostbite
- In its gas form, seeks low-lying areas such as valleys and ditches
- CO₂ is non-flammable and non-toxic, however, in large amounts it could be harmful if inhaled or lead to difficulty in breathing



Petroleum Products Batching Pipeline Products Batching Jet Fuel Diesel Tra \mathbf{r}_{t}

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811 EXCAVATOR

EXCAVATOR Above Ground Storage Tanks

Considerations when responding to tank farms/ terminals

Work with your local operator to:

- Develop an effective response plan Identify products and hazards
- Determine evacuation radius

mendations Re se rec

- Cool tank(s) or nearby containers by flooding with water
- . Use unmanned hose holders/ma Do not direct water at safety devices or icing
- ayor
- Let product burn, even after air supply line/system is closed Beware of the potential for Boiling Liquid Expanding Vapor Explosion (BLEVE)



811

EXCAVATOR Local Distribution Systems

- Caution
- · Be aware, not all natural gas leaks are from excavation; unintended leaks from stoves water, heaters, furnaces, etc. can occur
- When called out on natural gas leak events, use combustible gas indicators
- Mercaptan can be stripped as it travels through soil
- Frost heaves, breaking pipes
- Gas meter breaks due to snow buildup from melting snow falling from roofs Excess flow valve meter tags

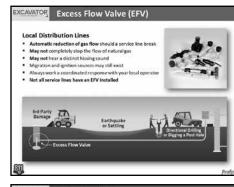
Identification tags [192.381(c)]

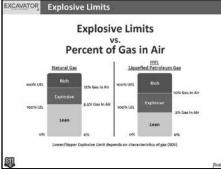
The presence of an excess flow valve on the service lines must be marked with an identification tag. The identification tag will typically be located at the top of the service riser below the meter stop valve











EXCAVATOR Farm Taps

- Mainly in rural areas, some natural gas pipeline companies may have facilities commonly referred to as "farm tap"
- These natural gas settings are made up of valves, pipes, regulators, relief valves and a meter. It may be located near the home or within the general vicinity
- To report the smell of gas near a farm tap, call 911 and the local gas distribution company from a safe distance
- The lines after a farm tap or residential meter are PRIVATE LINES. Be mindful of these.

811

EXCAVATOR Pipeline Awareness Training Center

strend	today's program	0.0
	Access to your local pipeline sponsor information	
	Download the same documents presented in this program	
•	Certificate of completion provided upon completion of course	trainingcenter.pdigm.com Use Code: 2024EX
Comm	issioner. Very informative and increased my awareness of the r leadership in case of an emergency.	esources available to our
Geolo	set: Concise, informative, appreciate the audio and visual complexity provided.	onents, and the course
Labor	r: Great course, as a reminder of what's out there and how to e	leal with it.
PHEP	Coordinator: Excellent course material, explanation and instruct	tion.
Safety New P	Manager: This 5 a good course to add to our Excavation Safety ire Training Package.	Program Training and
	dan: Very informative and ESSENTIAL to anyone doing or plann	ing to do any kind of

Pro

EXCAVATOR RESPONSIBILITIES:

- Call Before You Dig It's the Law!
- Wait the required time for the markings! (state specific time – check your local One Call Law)
- Tolerance Zones May vary by state and/or company!
- Respect the marks!
- Dig with care!

RISK CONSIDERATIONS

- Type/volume/pressure/location/geography of product
- Environmental factors wind, fog, temperature, humidity
- Sight, sound, smell indicators vary depending on product
- Black, dark brown or clear liquids/dirt blowing into air/peculiar odors/dead insects around gas line/ dead vegetation
- Rainbow sheen on the water/mud or water bubbling up/frozen area on ground/frozen area around gas meter
- Other utility emergencies

PIPELINE MARKERS

The U.S. Department of Transportation (DOT) requires the use of signs to indicate the location of underground pipelines. Markers like these are located on road, railroad, and navigable waterway crossings. Markers are also posted along the pipeline right-of-way. Markers may not be located directly over the pipeline it marks.

The markers display:

- □ The product transported
- The name of the pipeline operator
- The operator's emergency number

Product Internet Andread

- White Lining (Pre-marking)
- One Call Facility Request
- One Call Access
- Locate Reference Number
- Separate Locate Request
- Pre-excavation Meeting
- Facility Relocations
- One Call Reference Number at Site
- Contact Names and Numbers
- Positive Response
- Facility Owner/Operator Failure to Respond
- Locate Verification
- Work Site Review with Company Personnel
- Documentation of Marks
- Facility Avoidance
- Marking Preservation
- Excavation Observer
- Excavation Tolerance Zone
- Excavation within the Tolerance Zone
- Vacuum Excavation
- Mismarked Facilities
- Exposed Facility Protection
- Locate Request Updates
- Facility Damage Notification
- Notification of Emergency Personnel
- Emergency Coordination with Adjacent Facilities
- Emergency Excavation
- Backfilling
- As-built Documentation
- Trenchless Excavation
- No Charge for Providing Underground Facility Locations
- Federal and State Regulations



Signs Of A Pipeline Release

SIGHT*

- Liquid on the ground
- Rainbow sheen on water
- Dead vegetation in an otherwise
 green area
- Dirt blowing into the air
- White vapor cloud
- Frozen area on ground

*Signs vary based upon product

SMELL

- Odors such as gas or oil
 - Natural gas is colorless and odorless • Unless Mercaptan has been added (rotten egg odor)

OTHER - NEAR PIPELINE OPERATIONS

- Burning eyes, nose or throat
- Nausea

What To Do If A Leak Occurs

- · Evacuate immediately upwind
- · Eliminate ignition sources
- Advise others to stay away
- CALL 911 and the pipeline company number on warning marker
 - Call collect if necessary
- Make calls from safe distance not "hot zone"
- Give details to pipeline operator:
 - Your name
 - Your phone number
 - Leak location
 - Product activity
 - Extent of damage
- · DO NOT drive into leak or vapor cloud
- · DO NOT make contact with liquid or vapor
- DO NOT operate pipeline valves (unless directed by pipeline operator):
 - · Valve may be automatically shut by control center
 - Valve may have integrated shut-down device
 - Valve may be operated by qualified pipeline personnel only, unless specified otherwise

- Ignition sources may vary a partial list includes:
 - Static electricity
 - Metal-to-metal contact
 - Pilot lights
 - Matches/smoking
 - Sparks from telephone
 - Electric switches
 - Electric motors
 - Overhead wires
 - Internal combustion engines
 - Garage door openers
 - Firearms
 - Photo equipment
 - Remote car alarms/door locks
 - High torque starters diesel engines
 - Communication devices

Pipeline Emergency

Call Gas Control Or Pipeline Control Center Use Pipeline Emergency Response Planning Information Manual for contact information

Phone number on warning markers Use state One-Call System, if applicable

Control Center Needs To Know

Your name & title in your organization Call back phone number – primary, alternate Establish a meeting place Be very specific on the location (*use GPS*) Provide City, County and State

Injuries, Deaths, Or Property Damage

Have any known injuries occurred? Have any known deaths occurred? Has any severe property damage occurred?

Traffic & Crowd Control

Secure leak site for reasonable distance Work with company to determine safety zone No traffic allowed through any hot zone Move sightseers and media away Eliminate ignition sources

<u>Fire</u>

Is the leak area on fire? Has anything else caught on fire besides the leak?

Evacuations

Primary responsibility of emergency agency Consult with pipeline/gas company

Fire Management

Natural Gas – DO NOT put out until supply stopped Liquid Petroleum – water is NOT recommended; foam IS recommended Use dry chemical, vaporizing liquids, carbon dioxide

Ignition Sources

Static electricity (nylon windbreaker) Metal-to-metal contact Pilot lights, matches & smoking, sparks from phone Electric switches & motors Overhead wires Internal combustion engines Garage door openers, car alarms & door locks Firearms Photo equipment High torque starters – diesel engines Communication devices – not intrinsically safe

- SOUND
- A hissing or roaring sound

Common Ground Alliance Best Practices

In 1999, the Department of Transportation sponsored the Common Ground Study. The purpose of the Common Ground Study was to identify and validate existing best practices performed in connection with preventing damage to underground facilities. The collected best practices are intended to be shared among stakeholders involved with and dependent upon the safe and reliable operation, maintenance, construction, and protection of underground facilities. The best practices contain validated experiences gained that can be further examined and evaluated for possible consideration and incorporation into state and private stakeholder underground facility damage prevention programs.

The current Best Practices Field Manual is divided into nine chapters that provide a collection of current damage prevention best practices. The nine chapters include:

- 1. Planning & Design Best Practices
- 2. One Call Center Best Practices
- 3. Location & Marking Best Practices
- 4. Excavation Best Practices
- 5. Mapping Best Practices
- 6. Compliance Best Practices
- 7. Public Education Best Practices
- 8. Reporting & Evaluation Best Practices
- 9. Miscellaneous Practices

To view the latest version of the Best Practices please visit www.commongroundalliance.com



Pipelines In Our Community

According to National Transportation Safety Board statistics pipelines are the safest and most efficient means of transporting natural gas and petroleum products, which are used to supply roughly two-thirds of the energy we use. These pipelines transport trillions of cubic feet of natural gas and hundreds of billions of ton/miles of liquid petroleum products in the United States each year.

This system is comprised of three types of pipelines: transmission, distribution and gathering. The approximately 519,000 miles of transmission pipeline* transport products, including natural gas and petroleum products, across the country and to storage facilities. Compressor stations and pumping stations are located along transmission and gathering pipeline routes and help push these products through the line.

Approximately 2.2 million miles of distribution pipeline* is used to deliver natural gas to most homes and businesses through underground main and utility service lines. Onshore gathering lines are pipelines that transport gas from a current production operation facility to a transmission line or main. Production operations are piping and equipment used in production and preparation for transportation or delivery of hydrocarbon gas and/or liquids.



Call before you dig.

*mileage according to the Pipeline Hazardous Materials Safety Administration (PHMSA).

Training Center

Supplemental training available for agencies and personnel that are unable to attend:

- · Train as your schedule allows
- Download resources including pipeline operator specific information
- Sponsoring pipeline operator contact information
 Product(s) transported
- Receive Certificate of Completion

Visit https://trainingcenter.pdigm.com/ to register for training



Pursuant to 49 CFR Parts 192.614 (c)(2)(i) and 195.442 (c)(2)(i) pipeline operators must communicate their Damage Prevention Program's "existence and purpose" to the public in the vicinity of the pipeline and persons who normally engage in excavation activities in the area in which the pipeline is located.

State and federally regulated pipeline companies maintain Damage Prevention Programs. The purpose of which is to prevent damage to pipelines and facilities from excavation activities, such as digging, trenching, blasting, boring, tunneling, backfilling, or by any other digging activity.

Pipeline Markers

The U.S. Department of Transportation (DOT) requires the use of signs to indicate the location of underground pipelines. Markers like these are located on road, railroad, and navigable waterway crossings. Markers are also posted along the pipeline right-of-way.

The markers display:

- The material transported
- The name of the pipeline operator
- The operator's emergency number

MARKER INFORMATION

- · Indicates area of pipeline operations
- · May have multiple markers in single right-of-way
- · May have multiple pipelines in single right-of-way
- DOES NOT show exact location
- DOES NOT indicate depth (never assume pipeline depth)
- DOES NOT indicate pipeline pressure



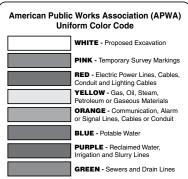
Call Before You Dig

Statistics indicate that damage from excavation related activities is a leading cause of pipeline accidents. If you are a homeowner, farmer, excavator, or developer, we need your help in preventing pipeline emergencies.

- 1. Call your state's One-Call center before excavation begins regulatory mandate as state law requires.
- 2. Wait the required amount of time.
- 3. A trained technician will mark the location of the pipeline and other utilities (private lines are not marked).
- 4. Respect the marks.
- 5. Dig with care.



For More Details Visit: www.call811.com



OSHA General Duty Clause

Section 5(a)(1) of the Occupational Safety and Health Act (OSHA) of 1970, employers are required to provide their employees with a place of employment that "is free from recognizable hazards that are causing or likely to cause death or serious harm to employees."

https://www.osha.gov/laws-regs/oshact/section5-duties

Product Characteristics

PRODUCT		LEAK TYPE	VAPORS
[SUCH AS: E PROPANE, E	THANE, E, AND NATURAL	Gas	Initially heavier than air, spread along ground and may travel to source of ignition and flash back. Product is colorless, tasteless and odorless.
	ALTHWill be easily ignited by heat, sparks or flames and will form explosive mixtures with air. Vapor may cause dizziness or asphyxiation without warning and may be toxic if inhaled at high con trations. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite. Fi may produce irritating and/or toxic gases.		tion without warning and may be toxic if inhaled at high concen- fied gas may cause burns, severe injury and/or frostbite. Fire

PRODUCT	LEAK TYPE		VAPORS		
NATURAL G			Lighter than air and will generally rise and dissipate. May gather in a confined space and travel to a source of ignition.		
HEALTH HAZARDS	Will be easily ignited may cause dizzines trations. Contact wit	l by heat, spa s or asphyxia h gas or lique	rks or flames and will form explosive mixtures with air. Vapors tion without warning and may be toxic if inhaled at high concen- fied gas may cause burns, severe injury and/or frostbite.		

PRODUCT		LEAK TYPE	VAPORS	
AND OTHER REFINED		Liquid	Initially heavier than air and spread along ground and collect in low or confined areas. Vapors may travel to source of igni- tion and flash back. Explosion hazards indoors, outdoors or in sewers.	
HEALTH HAZARDS	Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation. Runoff from fire control or dilution water may cause pollution.			

Pipeline Damage Reporting Law As Of 2007

H.R. 2958 Emergency Alert Requirements

Any person, including a government employee or contractor, who while engaged in the demolition, excavation, tunneling, or construction in the vicinity of a pipeline facility;

- A. Becomes aware of damage to the pipeline facility that may endanger life or cause serious bodily harm or damage to property; or
- B. Damages the pipeline facility in a manner that may endanger life or cause serious bodily harm or damage to property, shall promptly report the damage to the operator of the facility and to other appropriate authorities.

Websites:

Call Before You Clear www.callbeforeyouclear.com

Common Ground Alliance www.commongroundalliance.com

Federal Office of Pipeline Safety www.phmsa.dot.gov

National One-Call Dialing Number: 811 www.call811.com

National Pipeline Mapping System

www.npms.phmsa.dot.gov

National Response Center https://www.epa.gov/emergency-response/national-response-center or 800-424-8802

Occupational Safety & Health Administration (OSHA)

www.osha.gov

Paradigm Liaison Services, LLC www.pdigm.com

United States Environmental Protection Agency (EPA)

www.epa.gov/cameo

Wireless Information System for Emergency Responders (WISER) https://wiser.nlm.nih.gov/



Register for access to Training Center Code: 2024EX



Operator Information

Operator Name(s) / Contact Information	Type(s) of Pipeline Systems Operating	Location within County	Pipe Size and Operating Pressure Range(s)	Average Emergency Response Time(s)

Paradigm is public awareness. We provide public awareness and damage prevention compliance services to assist with the regulatory requirements of 49 CFR 192 and 195, as well as API RP 1162. Since 2001, the oil and gas industry has worked with Paradigm to fulfill public education and community awareness requirements.

Our history of implementing public awareness programs and compliance services pre-dates API RP 1162. Most of the pipeline industry's large, mid-sized and small operators, as well as many local distribution companies utilize Paradigm's compliance services.

In serving our clients, Paradigm performs full-scope compliance programs from audience identification through effectiveness measurement. In addition, we offer consulting services for plan evaluation and continuous improvement. At the completion of each compliance program, we provide structured documentation which precisely records all elements of the program's implementation to assist with audits.

Paradigm leads the way in industry service. Pipeline operators and local distribution companies trust in Paradigm to implement their public awareness and damage prevention programs. Each year we:

- Distribute 25 million pipeline safety communications
- · Compile and analyze roughly 250,000 stakeholder response surveys
- Facilitate over 1,200 liaison programs
- Implement approximately 1,000 public awareness compliance programs
- · Provide audit support and assistance with over 50 public awareness audits

Contact Paradigm for more information regarding custom public awareness solutions.

Contact us:

Paradigm Liaison Services, LLC PO Box 9123 Wichita, KS 67277 (877) 477-1162 Fax: (888) 417-0818 www.pdigm.com





Notes



YOUR DAMAGE PREVENTION RESOURCE CENTER

Safety is a shared responsibility. As an emergency responder, you play an important role in raising awareness and preventing excavation incidents. For example, Mississippi law requires anyone digging, regardless of depth, to call **MS811** at least three working days prior to the start of excavation. The 72 hour notice does not include Saturdays, Sundays or holidays. In other words, all excavators working in your community must have a valid locate request ticket. The only exception is a property owner who is digging less than 12 inches in depth without the use of mechanical excavating equipment; or the tilling of soil less than 24 inches in depth for agricultural purposes.

MS811 promotes an easier, safer digging environment and serves the entire state of Mississippi. The not-for profit organization serves as a message handling service for member facility owners and operators, taking information about planned excavations and distributing this information to its membership. It is then the responsibility of each member to mark the location of their underground facilities at the excavation site. **MS811** is not a utility and does not locate any underground facilities.

Call center operators at **MS811** are available 24 hours a day, seven days a week to receive and process calls to the toll-free phone number (1-800-227-6477) or 811. For more information, including free safety materials that can be distributed at community events, contractor meetings and other appropriate venues, please visit www.ms811.org or contact the Damage Prevention Coordinators at 601-362-4322. **MS811** Damage Prevention Coordinators are also available for presentations and safety meetings.

		TICKETS			STATE LAWS & PROVISIONS									NOTIFICATION EXEMPTIONS					NOTIFICATIONS ACCEPTED					
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Mississippi 811, Inc.: 800-227-6477 or 811 Website: www.ms811.org Hours: 24 hours, 7 days Tickets Fax: 801-362-7533 Advance Notice: No less than three (3) no more than ten (10) working days Marks Valid: 14 calendar days** Law Link: https://www.ms811.org/law/	FAX	Online	Mobile	Statewide Coverage	Civil Penalties	Emergency Clause	Mandatory Membership	Excavator Permits Issued	Mandatory Premarks	Positive Response	Hand Dig Clause	Damage Reporting	Routine Maintenance within RO	DOT	Homeowner	Railroad	Agriculture	Depth	Damage	Design	Emergency	Overhead	Large Projects	Tolaranca Zona
*Applies to Government Entities Only **Locate requests are good for 14 calendar days from the date that the ticket is processed. When marks are placed can vary due to holidays and weekends ***Exempt to death of 12* with non-mechanized equipment	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	12"	N	Y ***	Y	24"	12"	Y	Y	Y	N	N	18

Chart Reference: https://pipelineawareness.org/media/1507/2019-excavation-safety-guide-pipeline-edition.pdf





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