



SEMCOENERGY

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SEMCO ENERGY GAS COMPANY (SEMCO) utilizes an extensive network of underground pipelines to deliver natural gas to its customers. The purpose of these pipelines is to transport the natural gas from pipeline supply points to residential, commercial and industrial customer meters. SEMCO is committed to ensuring these pipelines are operated safely and reliably.

According to the National Transportation Safety Board statistics, pipelines are the safest method for transporting these products (natural gas, petroleum, LPGs and other materials). Pipelines have a safety record unparalleled by any other mode of transporting energy products.

As part of SEMCO's continuing effort to maintain the reliability and integrity of its pipelines, prevent incidents from occurring and to respond to emergencies, SEMCO has developed and maintains good communication networks with state and local emergency officials in the State of Michigan. SEMCO meets with emergency officials in your area to discuss emergency preparedness and response plans to prepare for various scenarios. SEMCO provides natural gas emergency training and specialized equipment to a majority of emergency response organizations and, when necessary, participates in joint response planning with local, state and federal emergency responders.

TRANSMISSION INTEGRITY MANAGEMENT PROGRAM

In accordance with the Federal Pipeline Safety Act of 2002, SEMCO has developed an Integrity Management Program (IMP) for the natural gas transmission pipelines we currently operate in the State of Michigan. The integrity management regulations within the Pipeline Safety Act of 2002 were designed to address the monitoring and maintenance of high pressure natural gas pipelines in areas where a leak or other failure could have a serious effect on populations or the environment.

As part of this process, SEMCO is required to locate certain types of buildings and facilities along these transmission pipelines. These areas are called "Identified Sites" and are generally areas where large groups of people congregate or may be difficult to evacuate.

As part of SEMCO's process, Identified Sites located along our transmission pipeline segments must be identified. SEMCO has identified certain Identified Sites on our transmission line system through our own evaluation of our lines via records, aerial photography and line patrolling activities. In addition to these activities, SEMCO requests to be contacted with any information Emergency or Public Officials may have access to related to Identified Sites in the vicinity of our transmission pipelines. For any Identified Sites, SEMCO then takes extra steps to ensure the integrity of these pipeline segments.

NPMS MAPPING

For a listing of transmission pipelines in your area, please visit the Pipeline and Hazardous Materials Safety Administration's National Pipeline Mapping System (NPMS) web site at: <https://www.npms.phmsa.dot.gov>.

GAS PIPELINE MARKERS

In some situations, SEMCO is required to identify its pipeline locations. The pipeline markers typically used by SEMCO include a number for Miss Dig (1-800-482-7171 or 811). Miss Dig must be contacted 72 hours, but not more than 14 calendar days before beginning any project involving digging so that all utility lines - including natural gas pipelines - can be marked.

It is important to know that pipeline markers do not indicate the exact location or depth of the pipeline and may not be present in certain areas.

SEMCO gas line markers (shown) also list a 24-hour emergency number: 1-888-GAS-1-GAS (1-888-427-1427). This number should be used ONLY to report emergencies.

EMERGENCY CONTACT: 1-888-427-1427

| PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#: | | |
|---|------|-----|
| Natural Gas | 1971 | 115 |

MICHIGAN COUNTIES OF OPERATION:

| | |
|-----------|-------------|
| Allegan | Luce |
| Baraga | Mackinac |
| Barry | Macomb |
| Berrien | Marquette |
| Calhoun | Ontonagon |
| Cass | Ottawa |
| Eaton | Sanilac |
| Gogebic | Schoolcraft |
| Hillsdale | St. Clair |
| Houghton | St. Joseph |
| Jackson | Tuscola |
| Keweenaw | Van Buren |
| Lapeer | |

Changes may occur. Contact the operator to discuss their pipeline systems and areas of operation.

ONE-CALL SYSTEMS

Michigan law requires property owners to contact the Call-Before-You-Dig system, MISS DIG, 72 hours, but not more than 14 calendar days before beginning any project involving digging. This helps avoid possible injuries or damage to natural gas and oil lines, electric, telephone, TV cable and water and sewer facilities. The 811 number can be called from any phone – land line, cell or cable phone. MISS DIG System, Inc. will notify affected member utility companies to send crews to mark underground lines for free.

Learn more about the MISS DIG program and 811 at www.missdig.org or www.call811.com.

NATURAL GAS SAFETY FACTS

As part of our ongoing education efforts, SEMCO offers these facts about Natural Gas Safety:

- Natural gas is colorless, odorless and tasteless. To help you recognize the presence of natural gas, an odor similar to rotten eggs is added.
- Natural gas is lighter than air, rises quickly and disperses harmlessly in open areas. However, in an enclosed area, natural gas displaces air at ceiling-level and fills the room from the ceiling down. As gas fills an enclosed space, it displaces air and suffocation may occur.
- Natural gas is not Liquefied Petroleum Gas (LPG). Liquefied petroleum gases, such as propane, are heavier than air and, unlike natural gas, will collect in low places.
- Natural gas is not toxic or poisonous.
- Natural gas cannot burn without oxygen. For natural gas to burn, it must be mixed with air and must have an ignition source, such as a pilot light or electric arc from a light switch, electric motor, doorbell or telephone.
- Burning natural gas will not explode. In many cases, it is better to let the natural gas burn than to extinguish the fire. If the fire is extinguished prior to stopping the flow of gas, the gas has the potential to build-up to an explosive level.

GAS LEAK HAZARDS

A natural gas leak may present these hazards:

- Fire
- Explosion
- Asphyxiation (Natural gas displaces oxygen in confined spaces)

These hazards can be caused by:

- Rupturing, nicking or puncturing a pipeline
- Uncontrolled escaping gas or fuel
- Extreme natural events such as floods, tornadoes and earthquakes
- Heavy ice on outside meters or other gas pipelines
- Fire or explosion near or directly involving a pipeline facility
- Collapsed buildings that break or damage pipelines

- Civil disturbances such as riots
- Water main breaks that weaken roadways and pavement, damaging pipelines
- Under-pressure or over-pressure in the pipeline system
- Equipment failure
- Human error

WHAT TO DO IN AN EMERGENCY

If you suspect a natural gas leak, leave the building or area immediately and call SEMCO from another location. Report natural gas leaks and related emergencies to the SEMCO Gas Leak/Emergency line – 1-888-GAS-1-GAS (1-888-427-1427) - 24-hours a day, seven days a week.

FOR MORE INFORMATION

SEMCO has developed and distributes a "Natural Gas Safe Handling Guidebook" to emergency responders and a "MISS DIG 811 Excavation Handbook" to

professional excavators and contractors in an effort to provide them more specific information regarding hazard awareness and prevention. For a copy of either of these booklets, contact SEMCO. As additional information, SEMCO also has an internal plan for crisis response that is available for review upon request.

