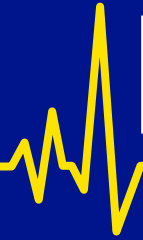




The Pipeline Safety Pulse



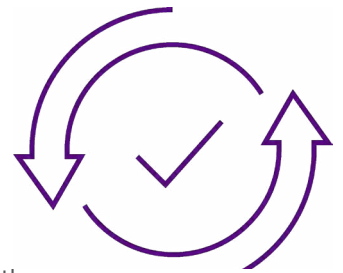
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Our roadmap to compliance excellence



With this issue of *The Pipeline Safety Pulse*, we are pleased to introduce the next phase of our continuous improvement efforts, which is the full implementation of our Pipeline Safety Management System (PSMS) in compliance with the American Petroleum Institute's Recommended Practice 1173.



As I told you in our first *Pulse* newsletter, we each play a role in pipeline safety. We believe that this framework for pipeline safety that we have developed together over the last few years gives us a clear roadmap to deliver compliance excellence, reduce risk, improve pipeline safety and further enhance our safety culture.

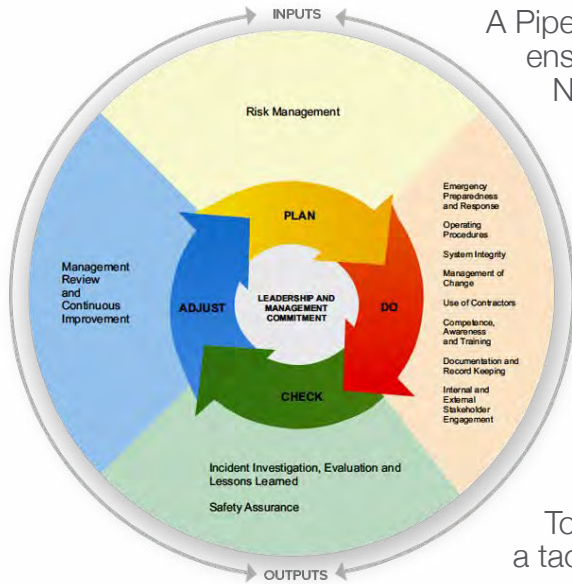
I urge you all to use the chart in the [PSMS article](#) to identify the Element where you would like to invest your talents, to contact the appropriate Element Lead for your region and to commit to this effort.

Sincerely,

Mark Prewitt
 Vice President, Pipeline Safety & Compliance
 National Grid



National Grid's Pipeline Safety Management System



A Pipeline Safety Management System (PSMS) is a systematic way to ensure safe, reliable and sound operation of our natural gas pipelines. National Grid's PSMS is based on the American Petroleum Institute's (API) Recommended Practice 1173, also referred to as API 1173. We committed to implementing this safety management system back in 2017 and have been on a journey to develop processes, structure resources and educate the business. At the end of Fiscal Year 22, we achieved a great success by reaching our stretch goal of "low-implemented." What this means is that we have largely come into conformance with our PSMS, and processes have been set in place. Now that we have reached this milestone, it is time to shift our focus from developing our PSMS to executing and formalizing it.

Pipeline Safety Management System roadmap

To continue our Pipeline Safety journey, we needed to develop a tactical plan for how we are going to continue to improve our management system. First, in February of this year, we brought in API to assess our current progress and help us build a blueprint for our next steps.

The Pipeline Safety team took the resulting blueprint and combined it with our internal maturity analyses to lay out our critical next steps. Once a draft was developed, the actions in the roadmap were circulated around the business to key parties to ensure feasibility and timelines. The final product was completed by the end of quarter one of this fiscal year, FY23. Its purpose is to take us from conformance to effectiveness. By completing the actions laid out in the plan, we will reach our goals for Pipeline Safety Maturity, and also help ensure that we keep our customers, communities and employees safe.

Focus areas for FY23

The focus for this fiscal year is on formalizing our Pipeline Safety structure and framework. To accomplish this, we will be taking on some key tasks:

- Developing and introducing the Pipeline Safety Element Lead Role into the Gas Business Unit
- Developing a Pipeline Safety Element Standard for each Pipeline Safety Element
- Improving Pipeline Safety Reference Material on [Grid:Home](#)
- Improving our internal stakeholder engagement

How to get involved

For all these actions now and in future fiscal years as well, we will need everyone's help. The best way to get involved is to first check out our [PSMS Framework Document](#) to understand Pipeline Safety and our expectations at National Grid. Then, reach out to the Lead in your region who heads the Pipeline Safety Element where you feel you can contribute. Your involvement, along with much more, will help grow our network and help National Grid reach our Pipeline Safety goals.

We are here to help!

The Pipeline Safety Maturity team has contacts in both Massachusetts and New York to answer your questions about the PSMS Framework and our Pipeline Safety Management System. In MA, reach out to Beth McDonough or Scott Fraser. In NY, reach out to Emily Aitcheson or Mauricio Ramirez.

(continued on page 3)





National Grid's Pipeline Safety Management System



For more information about National Grid's Pipeline Safety Management System, download the **PSMS Framework Document** at **Grid:Home**.

(continued from page 2)

National Grid Pipeline Safety Management System icons, elements and contacts

Icon	Title/objective	Element lead/contact
	Putting our relentless commitment to improve pipeline safety into formal practice is the core principle of Leadership and Management Commitment (LMC) .	Sean Staid
	Building relationships both internally and externally to support the safety of our system and operations is the core of Stakeholder Engagement (SE) .	Sakshi Mahajan
	Risk Management (RM) is how National Grid manages assets and operations using a risk-based approach.	Mike Chin, MA Pragati Singh, NY
	Integrating all aspects of our operations into a single, umbrella framework, providing a disciplined and formal method to communicate and manage standard ways of working is the key to Operational Controls (OC) .	Elsworth Andrew, MA Dave Malone, NY
	Through Incident Investigation, Evaluation and Lessons Learned (IIELL) , National Grid learns and continuously improves from the review and feedback from incidents, both internal and external.	Pat Locke, MA Dave Lammon, NY
	Safety Assurance (SA) is how the company measures and assesses pipeline safety risk and compliance issues.	Mike Bruno, MA Chris Spurchise, NY
	Ensuring that pipeline safety performance is reviewed and continuous improvement actions are developed on an on-going basis is the key to Management Review and Continuous Improvement (MRCI) .	Sylvia Dunster
	Emergency Preparedness and Response (EPR) is developing and practicing readiness to respond in the event of a pipeline incident.	TBD
	Competence, Awareness and Training (CAT) requires designing and delivering proper training and information to achieve a workforce that has the appropriate level of experience, knowledge and expertise.	David Mei, MA Scott Ackerman, NY
	Documentation and Recordkeeping (DRK) is managing documentation and record keeping to support pipeline safety decision-making and reporting.	Alec Day, MA Annette Saxman, NY

Use this chart to help you contact the Pipeline Safety Management System (PSMS) Element Leads and for a quick reminder about each Element. We will be using these icons, supplied by the American Petroleum Industry, as a visual representation and reminder of each of the different elements. The icons offer an easy way to identify and remember the big ideas and key points that bring the PSMS into our day-to-day work.





Stakeholder engagement



Residential Methane Detector Program now in Downstate New York



National Grid's Residential Methane Detector (RMD) Program is now under way in our Downstate New York gas service territory. This initiative involves distributing 150,000 RMDs and natural gas safety brochures to residential customers through the first quarter of 2023 and educating local first responders about the devices.

Recent natural gas incidents have shown that some people do not report gas leaks even when they smell the distinctive, sulfur-like odor characteristic of odorized natural gas. We are distributing the RMDs and companion brochures to address this issue, educate the public and enhance public safety.

RMDs provide an early warning of natural gas leaking inside a residence before dangerous, flammable levels are reached. Some RMDs also serve as carbon monoxide detectors.

We do not install or maintain the RMDs. We have partnered with Culver Company, a utility public safety outreach consultant, to develop educational materials that explain the importance of RMDs, how to install them and what to do if the RMD signals a leak.

Culver has also developed a fact sheet to inform first responders about RMDs and provide basic tips about how to respond to an RMD alarm. The fact sheet is available to first responders in the areas where RMDs are being distributed.

First responders can go to firstresponder.ngridsafety.com/rmd-program-first-responder-fact-sheet for more information.



Fire Prevention Week (October 9–15)



This year marks the 100th anniversary of Fire Prevention Week, and this year's theme is Don't Wait, Plan Your Escape™. According to the National Fire Protection Association, 74 percent of all fire-

related deaths happen at home, so that's where we're at greatest risk. Home fires burn faster and hotter than they used to, so having a home escape plan and practicing it at least twice each year with all the members of your household is critical to making sure that everyone knows what to do when the smoke alarm goes off.

Safety awareness





September is National Preparedness Month

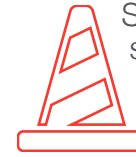
Making a plan to prepare for disasters is the best way to protect your family. Disasters can happen anywhere, any time. That's why it's important you're prepared. Do you have a plan for yourself, your pets and your family? Consider any special needs your family might have. Learn your evacuation routes, and visit [ready.gov/plan](https://www.ready.gov/plan).

Keep an emergency kit year-round with a minimum three-day supply of water, canned and dried food, flashlight, cell phone, first aid kit, blankets, toiletries, family and emergency contact information, baby formula and diapers. Remember to share emergency plans, the location of the emergency kit, meeting places and contact information with all household members.

Safety awareness



Back to school safety tips



School is back in session, and the increased traffic and congestion might put you in a rush, but it's time to slow down and follow these tips:

- Watch for kids entering and exiting their school bus or running across the street to catch it.
- Slow down for school zones.
- Watch for school crossing guards and follow their directions.
- Watch out for bike riders – young and old.

October is National Protect Your Hearing Month

Did you know that sounds that are too loud for too long can damage your hearing permanently? The louder the noise, the faster it can damage your hearing.

According to the National Institute on Deafness: "Very loud noise, such as using firearms, can cause you to lose your hearing almost instantly. You can damage your hearing in less than 15 minutes at loud sporting events or concerts or when listening to music through headphones at high volume. If the noise is not as loud but lasts a long time, such as when using noisy yard or farm equipment, hearing damage can build more slowly."

Protect your hearing by:

- Lowering the volume.
- Moving away if you can't lower the volume.
- Wearing hearing protection when involved in noisy activity.





One year. One heart. Celebrating a day of service

Company news 



It has been one year since we launched Project C, our initiative to build stronger New York communities. On September 16th, we celebrated this milestone with our second annual Day of Service. Alongside partner organizations, employee volunteers went to our communities across the state, participating in a variety of service projects.

Project C is a program designed to go beyond the safe, affordable energy that we provide our customers. In collaboration with the people of New York, we inspire positive change, create positive neighborhood impact, strengthen communities and make a difference for years to come with sustainability programs, neighborhood development projects, grants and more.

If you weren't able to join us on September 16th, check out the Project C website at nationalgridus.com/project-c for

additional volunteer opportunities. Whether you want to make a difference in Clean Energy and Sustainability, Environmental Justice and Social Equity, Neighborhood Development and Community Engagement, or Workforce Development, there's something for everyone. It's never too late to get involved and become our newest volunteer.

Pipeline safety spotlight recognition

Guy Pacheco and **Jake Lafferty**, CMS Dept.

While Guy Pacheco and Jake Lafferty were investigating an odor of gas call, they heard a woman crying for help. They found an elderly woman who had fallen. They called 911, gave her water and helped her stay comfortable while waiting for EMTs.

This shows that National Grid workers aren't just earning a paycheck. We're trained to protect the public and this is an example of going above and beyond normal duties when called upon.

National Grid has encouraged us to be socially responsible and socially aware of the world around us – be it climate change, race relations or just being a good person. This incident affirms those values.



Every quarter, *The Pulse* will feature an article about an employee or team that you nominate for the Employee Spotlight. Nominate an employee, coworker or team who embodies National Grid values, and we will put them in the spotlight for some well-deserved recognition. Please email Lead Communications Specialist Lisa Callahan at lisa.callahan@nationalgrid.com to receive a nomination form.

