



The Pipeline Safety Pulse

Our pipeline safety management system: Element 6

In every issue of *The Pulse*, we explore an element of our National Grid Pipeline Safety Management System (PSMS), which is a structured framework designed to enhance Gas Business processes and procedures to reduce and eliminate pipeline safety incidents. It is based on the American Petroleum Institute's RP 1173.



Element 6: Safety Assurance (SA)

Why is Safety Assurance important?

National Grid's Safety Assurance process is a vital "check" activity in the Plan-Do-Check-Act Cycle we use as the basis for managing continuous improvement of our Pipeline Safety Management System. SA uses the Three Lines of Defense model to evaluate the implementation of PSMS documentation and conformity to the requirements of the framework and to determine the effectiveness of the application of requirements at the field level. SA also helps validate that risk management processes are being used in a systematic and disciplined manner.

Key expectations

- A formal process is established to conduct assessments and audits to evaluate the degree to which the PSMS requirements are being met, including:
 - The conformity of the PSMS system documentation to API 1173 expectations,
 - The implementation of the PSMS processes across the organization, and
 - The effectiveness of the deployed processes in reducing risk and improving pipeline safety.
- Management reviews the effectiveness of each of the PSMS elements, at a minimum, of once every three years.
- Assessments and audits are used to assess individual PSMS elements and/or across organizational units.
- Assessment and audit findings are documented with strengths and corrective actions described in the documentation.
- Follow up actions are tracked to closure.
- Management reviews findings and makes determinations about corrective actions recommended.
- A periodic assessment of the safety culture is conducted, and management acts as needed to address concerns that are identified.
- Safety Assurance activities are prioritized by risk with input on priorities from departments across the company.
- Safety Assurance processes include assessment of competency for effectiveness and improvement.

November and December Inclusion and Diversity dates to remember

November

- **Nov. 1–30:** National Native American Heritage Month
- **Nov. 16–Dec. 31:** Tie One on for Safety Holiday Campaign

December

- **Dec. 10:** United Nations' Human Rights Day
- **Dec. 1–31:** Gift of Sight Month

Company news



Inclusion and Diversity Highlights

National Native American Heritage Month: According to the National Congress of American Indians, "the month is a time to celebrate rich and diverse cultures, traditions and histories and to acknowledge the important contributions of Native people."

According to Mothers Against Drunk Drivers (MADD), "The MADD **Tie One on for Safety Holiday Campaign** kicks off the festive season by reminding us that drinking and driving don't mix." Through the holidays and whenever you're out celebrating, designate a sober driver and hand over your keys. Never risk driving drunk or even buzzed.

United Nations' Human Rights Day: On December 10, 1948, the United Nations adopted the Universal Declaration of Human Rights. Article 1 begins: "All human beings are born free and equal in dignity and rights." This is a time to reflect on the way we treat others and to do what we can to promote equality for all.

Gift of Sight Month: Established by Versant Health, this month-long celebration is dedicated to educating people on the importance of eye health. It encourages us to commit to preserving healthy eyes and vision by advocating for annual eye exams and improving access to care for everyone.



Safety awareness

Inspect your pipes regularly.

As a natural gas customer, it is your responsibility to maintain and let your natural gas utility know about any gas lines that begin at the outlet of the gas meter and extend beyond the meter either above or below ground on your property. In the same way our National Grid pipeline system needs regular inspection and maintenance, privately owned buried gas lines need special attention because they can corrode or leak if not properly maintained. We recommend you periodically hire a professional plumbing/heating contractor or leak survey and corrosion expert. If unsafe conditions are found, have the pipeline repaired immediately.

Examples of installations served by buried gas lines include:

- Outside gas lighting
- Gas-fired generators
- Gas heaters for pool or hot tub
- Detached buildings with gas appliances
- Natural gas barbecues



Pipeline safety spotlight recognition

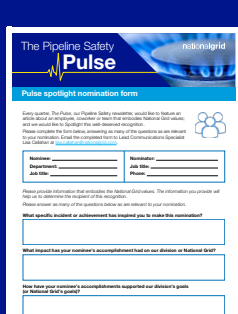


National Grid launched Project C on Friday, September 17th, with more than 1,000 of our colleagues volunteering in our communities to mark our New York Day of Service. The effort is part of our Responsible Business Charter under which National Grid has committed to achieve 500,000 volunteer hours over the next ten years companywide. Project C focuses on four key priorities: **clean energy and sustainability; workforce development; neighborhood investment and community engagement; and environmental justice and social equity.**



"It was great to be out with the National Grid team and members of the Town of Huntington and Greenlawn communities, volunteering for Project C," said Ross Turrini. "These are two great projects – beautifying the LIRR station and installing flag poles at the Veterans Memorial Park. I was very proud to represent the company and our teams."

Members from the Pipeline Safety Management – Stakeholder Engagement team: Lee Westerlind, Sue Montano and Diana Manteria had the opportunity to join Ross Turrini, our New York Chief Operating Officer – Gas, at the **Greenlawn Train Station Beautification Project**, where employees beautified the grounds around the Greenlawn Long Island Rail Road (LIRR) Station in the Town of Huntington. National Grid donated and planted more than 100 plants, weeded and spread mulch. National Grid also donated six telescoping flagpoles to the Greenlawn Memorial Park, and Ross took part in a ceremony with members of the Greenlawn Fire Department and the American Legion in which the six flags of the Armed Forces were raised on the new flagpoles.



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 complete **The Pulse Spotlight nomination form**, then email the completed form to Lead Communications Specialist Lisa Callahan at lisa.callahan@nationalgrid.com.

At National Grid, we constantly refine and improve our efforts to keep our customers, communities and employees safe. That's our commitment to you.



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