

including right here in Indiana. We believe our business thrives when we

are actively engaged and involved in the communities where we make steel. Across our state, we are committed to positively impacting the communities that we call home, to enhancing and improving quality of life in those communities, and to supporting projects and opportunities

that advance safety, education and environmental stewardship. <u>CLICK HERE</u> to watch how U. S. Steel is building the future of steel right here.

We wouldn't be U. S. Steel without you.

(USS) United States Steel

#USSteel is committed to maintaining strong relations with all

includes a commitment to maintain our tradition of community

NIPPON STEEL

Leading Capabilities.'

work. U. S. Steel is building the future of steel right here in Indiana, together with Nippon Steel Corporation, as the 'Best Steelmaker with World-

stakeholders – communities, employees, customers, and suppliers. This

involvement and charitable giving in the communities where we live and

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• Maintenance practices. Access to Nippon Steel's advanced technologies, R&D capabilities (including their \$500 million annual R&D spend), and operational expertise are three important benefits of our transaction. Moreover, these benefits have the added effect of promoting job growth and security for our steelworkers for years to come. **The bottom line**: The group placed a heavy emphasis on studying the ways Nippon Steel's expertise operating large blast furnaces and hot strip mills can benefit U. S. Steel operations, especially Gary Works and Mon

• Decarbonization technologies such as hydrogen injection and carbon

Valley Works where Nippon Steel has already committed to the following investments once the deal closes: • Mon Valley Works: No less than \$1 billion to replace and/or upgrade the existing Hot Strip Mill and other equipment. • Gary Works: Approximately \$300 million to revamp Blast Furnace #14. While Gary's 80-inch Hot Strip Mill is not part of this specific investment, as U. S. Steel's largest hot strip mill and one of our company's most critical assets, it will benefit from access to Nippon

The successful introduction of hydrogen to the blast furnace process is a key step to decarbonizing integrated steelmaking. **Dig deeper:** The following individuals were part of the U. S. Steel

delegation:

• The team had the opportunity to learn about their progressive

• Ron Ferchak: Program Manager – Mon Valley Works Plant Environmental/Project Management Office/Operational Excellence • **Jason Entwistle**: Director – Project Management Office, Gary Works Blast Furnace Technology • **Jim Cook**: Director – Strategy & Corporate Development The team visited the following during their three-day trip: East Nippon Works (Kimitsu Area)

Blast furnace operations, Coke operations, Casting operations, Hot Strip

Port and material handling operations, Coke operations, Blast furnace

Nippon Steel Corporation headquarters: Meetings with various

operations, Steelmaking, Hot Strip Mill, Safety Center

technical experts, including from their R&D team

NOVEMBER 2024

benefits of this deal that both companies have consistently communicated to employees, customers, and other stakeholders since December 2023. This includes opportunities associated with the \$1.3 <u>billion in transformative investments Nippon Steel announced</u> for Gary Works and Mon Valley Works in August 2024. Why it matters: The Oct. 16 - 18 trip to Japan by members of U. S. Steel's North American Flat-Rolled (NAFR) Operations and Innovation & Technology teams involved discussions around potential opportunities that would be available once the deal is completed. These include the

following areas, where Nippon Steel ranks among the leaders in the

Steelmaking process efficiencies and innovation;

global steel industry:

capture; and

• Research and development;

The following are examples of what the U. S. Steel team experienced during the trip: • While touring Nippon Steel's operations, the group heard directly

from technical experts operating some of the world's most advanced

technology at some of the largest and most productive facilities. This

included two of the world's largest blast furnaces at Kyushu Works'

largest furnace, Gary #14. Oita is also home to a hot strip mill that

produces 7.3 million short tons a year. By comparison, our largest

(Gary Works) has a rated annual capacity of 6 million short tons.

demonstration tests of charging hydrogen into a small blast furnace.

Oita Area, both of which are one and half times larger than our

Steel's deep operational and maintenance expertise.

- Technology & Capital Projects, Plant Engineering • Ray Terza: Senior Area Manager – Maintenance, Mon Valley Works – Irvin Plant
- **Stay informed**: Visit our <u>Best Deal for American Steel website</u> for more information and to sign up for updates when new information is posted.
 - **Cold Weather Hazards**

Cold Weather is Hazardous – Be Prepared

Every year, slips, trips and falls top the list of preventable injuries,

What can be done to reduce your risks and help keep yourself safe?

Always keep these key factors top of mind, which can cause injury:

• When temperatures drop, pooled water often freezes, creating slick

• **Inspect walkways**: After rain or any precipitation, check where

• Clear debris: Leaves can create additional hazards when mixed

water tends to accumulate and does not drain properly.

with water, making walkways even more slippery.

especially in colder months we are about to enter.

Uneven surfaces and water accumulation:

Preventative Actions You Can Take Now:

• **Shorter days mean more darkness:** During Fall and Winter, you frequently enter, exit, and move around in low-light conditions. Audit areas at night to ensure proper lighting, and check if any timers need adjusting.

in good working order. Check that vehicles are being properly winterized. • **PPE:** Ensure you have enough winter-specific personal protective equipment (PPE) like gloves, overshoes, and heaters. • **Power loss plans:** Review and update emergency power loss protocols to ensure readiness for any outage. By proactively preparing for winter now, you'll reduce the risk of slips, trips, and falls, and ensure a safer, more efficient workplace and home

• **Supplies:** Stock up on salt, deicer, snow shovels, and other critical

• Equipment readiness: Ensure snow removal gear is installed and

during the cold months ahead. **GOOD NEIGHBOR**

underrepresented groups.

meaningful volunteer work.

efforts.

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Kurt Barshick: Vice President – Mon Valley Works • **Eric Lindborg**: Vice President – Research and Development • **Keith Watson**: Vice President – Advanced Manufacturing • **Liz Borges**: General Manager – NAFR Quality Assurance

• **Brian Thompson**: Senior Area Manager – Maintenance, Gary

Works Primary Operations

Mill, Continuous Galvanizing Line

Kyushu Works (Oita Area)

Before Storms Hit

surfaces.

Lighting Considerations:

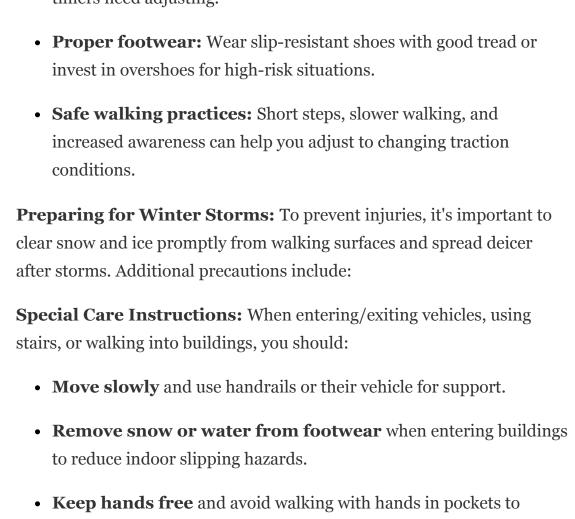
maintain balance.

Winter Preparation Checklist:

winter supplies before shortages hit.

SAFETY FIRST

SAFETY FIRST



Reflecting on U. S. Steel's First Annual Volunteer Week - A Success! As Global Diversity Awareness Month comes to a close, U. S. Steel's LEAD (Leveraging and Enhancing All Diversity) Employee Resource Group is thrilled to celebrate the success of our first annual Volunteer

Week! Held throughout October, this initiative embodied the spirit of this

month by actively promoting inclusion and fostering community through

From October 15 to October 22, employees at our Gary, Midwest, Great

locations rolled up their sleeves and showed what it means to support our

neighbors. We collaborated with local food banks in the Feeding America

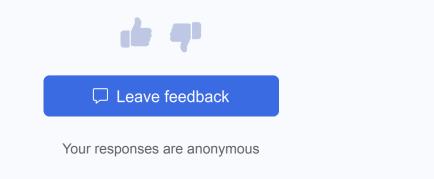
Lakes, Auto Center, Headquarters, Mon Valley, Research, Pittsburgh

Service Center, Fairfield, Minnesota Ore Operations, and Houston

network, engaging in a variety of impactful activities, including

packaging, sorting, and distributing food to those in need.

In total, we packed over 150,000 lbs. of food, helping over 25,000 people! Volunteers across our facilities dedicated their time and effort, truly making a difference in helping bridge gaps and uplifting Additionally, U. S. Steel will be making a total monetary donation of \$20,000 on behalf of all locations plus Granite City and Big River Steel, ensuring that even more communities could benefit from our collective



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