

Fall 2025

La Porte community newsletter



The *Hyperzone* Effect: How LYB polyethylene (PE) technology impacts everyday life

The LyondellBasell (LYB) LaPorte complex is home to an innovative polyethylene advanced manufacturing process called *Hyperzone*. This multi-zone reaction system produces high-density polyethylene (HDPE), which significantly enhances material performance.

Hyperzone PE technology allows customers to create lighter plastics that are both stronger and more durable. These improved plastics address everyday challenges, such as producing stronger pipes for water distribution and creating more effective food storage containers that keep food fresh. HDPE serves as a foundation for many everyday items and plays a crucial role in the development of stronger and more versatile products.

***Hyperzone* HDPE Applications**

Hyperzone PE technology can produce a broad spectrum of HDPE that is used in a variety of applications.



Water pipes



Gas pipes



Industrial pipes



Household bottles



Industrial bottles



Toys



Industrial packaging



Intermediate bulk containers



Retail carry out bags



Institutional can liners



Produce bags

La Porte Complex Turnaround

September 22 – November 4*

What is a Turnaround?

An extended period of maintenance and engineering activities when the unit, area, or plant is shut down and equipment is inspected, cleaned, repaired, removed, or installed. Generally, the work performed during a Turnaround can only be done when the unit/area/plant is not operational. The 2025 Turnaround at La Porte Complex involves the vinyl acetate, acetic acid, syngas, and methanol units.

The Turnaround and Traffic

With additional workers onsite, traffic along Miller Cut-Off Road and Strang Road will experience heavier flows at certain times. Work schedules have been set to minimize the impact of this traffic. Beginning mid-September, law enforcement officers will also be along the roadways and at the entrances for both shift changes, through early November. They will assist with traffic entering and exiting the designated parking lots for Turnaround team members.

2025 AA/Syngas Turnaround traffic plan

Turnaround plant workers' shifts **7 a.m. - 5:30 p.m.**
and **7 p.m. - 5:30 a.m.**

Police Officers

(2) Three hour shifts 7 days a week. **4:30 a.m. - 7:30 a.m.**
and **4:30 p.m. - 7:30 p.m.**

2 Officers - Gates 7A & 7B at Miller Cut-Off Rd
Gate 7B (North gate) Parking exit (1 of 2)
Gate 7A (South gate) Parking entrance

1 Officer - Gate 6 (at Strang Rd) Parking exit only

1 Officer - Gate 3 (at Strang Rd) Parking (Bus traffic priority)

2 Officers - Miller Cut-Off Rd & Strang Rd Intersections

1 Officer - Strang Rd & Sens Rd Intersection

1 Officer - Miller Cut-Off Rd & HWY 225 West Feeder Rd Access

1 Officer - Strang Rd @ Gate 65 Overflowparking (Bus Traffic)

9 Officers total each shift **Sep. 15, 2025** though **Nov. 4, 2025**

Interesting turnaround facts

2,000 Estimated professional contractors on-site
each day at peak manpower in September

300 LYB employees assigned to the project

2+ Years in planning to develop improvement
projects, maintenance work

420,000 Direct labor hours associated with
the turnaround

\$2.3 M Estimated economic impact from local
hotels and meals**

40,000 Tasks planned within the scope

3,000,000 Cubic feet of scaffold built, which will almost
fill NRG Stadium

100,000 Gallons of water estimated to be consumed
onsite by the work crews as they stay
hydrated during work



**Based on U.S. General Services Administration (GSA) figures for the area La Porte \$125 hotel, \$45 meal per diem Estimated 450 number of visiting workers, 30 days in town

*Dates are approximate

Community corner

LYB La Porte Complex employees support several community organizations and events annually. Sponsorships for 2025 include:

- **Young Entrepreneur Expo** – Grant sponsor
- **Battle of the Bots at LPISD/La Porte Jr. High School** – Lunch sponsor
- **La Porte Education Foundation Golf Tournament** – Lunch sponsor
- **Lomax Elementary** – provided staff lunch during STAAR Testing
- **La Porte Bayshore Chamber State of the Cities Luncheon** – Gold sponsor
- **Harris County Precinct 2 Sylvan Beach Festival** – Cook-Off sponsor
- **Local Emergency Planning Committee Golf Tournament** – Silver sponsor
- **Economic Alliance Women's Leadership Luncheon at San Jacinto College** – Presenting sponsor

LYB not only provides financial support but also works to volunteer in the communities in which we operate.

Engineers in Real Life held at the University of Houston – Clear Lake. Over 10 La Porte Complex and Bayport Choate employees volunteered time on a Saturday to talk with youth about engineering and conduct fun experiments.



More than 15 La Porte Complex employees volunteered at STEM (Science, Technology, Engineering and Math) night at Lomax Elementary, where students could take on STEM experiments and learn more about careers in STEM fields.



The site also sponsored the staff T-shirts for Lomax Elementary, receiving a framed signed T-shirt from team members to commemorate the donation.



Who we are

LYB La Porte Complex was established more than 65 years ago. Today, this facility employs about 775 people and spans 620 acres. It is renowned for producing essential chemicals, including ethylene, propylene, polyethylene, methanol, glacial acetic and vinyl acetate monomer which are used in every day products.

Contact Us

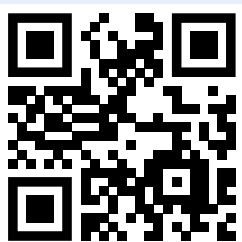
Do you have questions about the LyondellBasell LaPorte facilities? Contact us at ASKLaPorte@lyb.com

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Community Awareness Emergency Response (CAER)

Community Awareness Emergency Response (CAER) Online is a free online system and app that provides information to the community about industrial incidents and planned events. Messages offer basic information such as what the incident or event is, where it happened, and whether any action is required by community members. Bayport Polymers and Bayport Choate actively participate in posting to CAER whenever there is an event of public interest. Download the app today by searching "EHCA CAER Online" in the Apple and Google Play store.



Scan the QR Code for more information,
including links for downloading the app

