

Pictured: Blue Water Bridges, Point Edward

SUPPORTING OUR COMMUNITY

Turnarounds are major investments in the Sarnia-Lambton economy. They support:

- Skilled trades and local contractors
- Engineering and technical services
- Equipment suppliers and rental companies
- Hotels and accommodations
- Restaurants, grocery stores, and retail businesses
- Cleaning and waste management providers

The benefits extend well beyond the facility gates, supporting jobs and strengthening our economy.

A major turnaround can bring hundreds, or even thousands, of skilled workers from the local area and beyond, generating millions of dollars in local economic activity and supporting businesses across the region.

TURNAROUND TRAFFIC

Turnarounds can bring increased activity and traffic to the region. With a little extra care and consideration, we can help make these periods more positive for everyone.

- Follow posted speed limits and drive safely
- Use designated routes and parking areas
- Minimize noise, idling, and other disturbances
- Be respectful of neighbours, pedestrians, cyclists, and others in the community

Small actions can make a big difference in keeping our communities safe!

TOGETHER, WE INVEST IN A SAFE, STRONG, AND SUSTAINABLE FUTURE.

BASES

Sarnia-Lambton's Industry Partner

SARNIA-LAMBTON ALERTS

Sarnia-Lambton Alerts provides timely community notifications to help keep you informed.

Sign up today to receive alerts by text, phone, email, or app.

Scan to learn more.

Developed by BASES in collaboration with local industry and community partners. Thank you to the following organizations for their contributions:

Bluewater Association for Safety, Environment, and Sustainability
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Sarnia-Lambton's Industry Partner

TURNAROUND TALK

UNDERSTANDING PLANNED MAINTENANCE IN SARNIA-LAMBTON'S INDUSTRIAL COMMUNITY

Keeping facilities safe, reliable, and ready for the future.

Pictured: Borouge International Corunna Site



Pictured: Shell Sarnia Manufacturing Centre

SAFE, RELIABLE OPERATIONS

Industrial facilities throughout Sarnia-Lambton regularly plan and complete maintenance to inspect, repair, and upgrade equipment. While some maintenance is routine, larger projects are known as turnarounds.

By investing in people, equipment, and technology, these activities help maintain safe and reliable operations, improve environmental performance, support local jobs, and strengthen our regional economy.

Planned maintenance helps keep Sarnia-Lambton's industrial community safe, reliable, and ready for the future.

WHAT IS A TURNAROUND?

Think of an industrial facility like your vehicle. Regular maintenance helps keep it running, but occasionally it needs more extensive service.

A turnaround is a large-scale, planned maintenance event where a portion of a facility is temporarily shut down so inspections, repairs, testing, and equipment upgrades can be completed safely.

Planned years in advance, turnarounds bring together hundreds, sometimes even thousands, of skilled tradespeople and technical specialists to complete the work safely and efficiently.

Maintenance is carefully planned throughout the lifecycle of equipment to meet manufacturer recommendations, industry standards, and regulatory requirements.

THE TURNAROUND PROCESS

PLAN
Carefully planned months or years in advance.

SHUTDOWN
Equipment and units are safely shut down.

MAINTAIN
Inspect, repair, upgrade and test equipment safely.

RESTART
Equipment is returned to service and operations resume.

DID YOU KNOW?

Major turnarounds are often planned 2–5 years in advance, with thousands of individual maintenance activities carefully scheduled before work begins.

WHY ARE TURNAROUNDS IMPORTANT?

IMPROVE RELIABILITY
- Reduce unplanned outages
- Upgrade equipment and technology
- Extend equipment life

PROTECT THE ENVIRONMENT
- Improve equipment efficiency
- Detect and repair potential leaks
- Install newer environmental technologies

PROTECT PEOPLE
- Verify critical safety systems
- Inspect and replace aging equipment
- Maintain safe operating conditions

WHAT WILL I NOTICE?

DURING A TURNAROUND YOU MAY NOTICE:

MORE WORKERS
Additional skilled tradespeople may be in the region to complete specialized work.

MORE TRAFFIC
More vehicles may be travelling to and from industrial lsites, particularily during shift changes.

TEMPORARY FLARING
Some facilities may experience planned, temporary flaring during shut down or start up activities.

MORE ACTIVITY
You may see increased activity around industrial sites as work is completed.

WHAT ARE FLARES?

Flares are important safety devices used to safely manage excess gases during certain operating conditions, including shut downs and start ups. While flaring may be more visible during a turnaround, facilities work to minimize it whenever possible while maintaining safe operations.

PLANNED MAINTENANCE VS. TURNAROUNDS

Planned Maintenance	Turnaround
Routine inspections and repairs	Large-scale scheduled shutdown
Individual equipment may be taken out of service	Entire process units are typically taken out of service
Happens throughout the year	Can occur every several years
Smaller workforce	Larger workforce