

Tire Tread Depth Inspections

As road and weather conditions change, tire condition is an important part of safe vehicle operation. Regular tread depth inspections help identify when tires require increased monitoring or proactive replacement.

Why Check Tread Depth?

Tread depth directly affects a tire's ability to:

- Maintain traction on wet, snowy, icy, and gravel roads.
- Reduce the risk of hydroplaning.
- Improve braking performance and vehicle stability.
- Perform safely when towing, hauling loads, or travelling on resource roads.
- Maintain performance during winter driving conditions.

CEDA Tire Management Requirements

The CEDA Transportation Safety Policy establishes the following requirements:

- **4/32" or less:** Tires shall not be operated and must be removed from service.
- **Approximately 6/32":** General proactive replacement target, particularly before winter conditions arrive.
- Tire replacement may be warranted earlier where the vehicle application, route, weather, road conditions, tire condition or other risk factors indicate increased risk.

How to Measure Tread Depth

Use a clean, functioning tread depth gauge:

- Insert the gauge into a major tread groove.
- Hold the gauge perpendicular to the tread surface.
- Push the gauge until the base contacts the tread.
- Read and record the measurement.
- Measure in several locations across the tread and around the tire circumference.
- Use the lowest measurement when determining tire serviceability.

While You Inspect, Check For:

- Cuts, cracks, punctures or bulges.
- Exposed cords.
- Tread separation.
- Uneven or abnormal wear.
- Any damage that could affect safe operation.



Tread depth gauges are available through your Regional HSE team.

Planning Ahead for Winter

Tire condition is one part of overall vehicle and journey readiness. The Facility and Work Site Winter Preparedness Guidance supports pre-season planning and winter readiness, while the Adverse Driving Practice and Trip Risk Assessment (TRA) support assessing and managing changing travel conditions.

Before starting travel, ask yourself: Is the vehicle ready? Is the route appropriate? Am I prepared for the conditions? Can the trip be completed safely? If conditions change, stop, reassess and adjust the plan.

For further information, refer to the [Transportation Safety Policy](#) within CEDA's [Health, Safety, & Environmental Management System](#) (HSEMS), or contact your Regional HSE team.