



**Trinity Consultants** is a leading global environmental consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Trinity has the technical expertise, industry depth, and specialized capabilities to help clients achieve their goals across the natural and built environments.

Regulations from the U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), and Environment and Climate Change Canada (ECCC) require manufacturers of heavy-duty vehicles (GVWR > 8,500 lbs) to certify their vehicles to applicable greenhouse gas (GHG) standards. Trinity supports manufacturers by identifying the most efficient EPA and CARB certification pathways to reduce testing burdens, avoid costly delays, and ensure a smooth certification process from start to finish.

Trinity also assists manufacturers in developing compliance strategies for CARB's Advanced Clean Trucks (ACT) regulation using GHG-certified Zero Emission Vehicles (ZEVs).

## Heavy-Duty Vehicle Emission Certification Support

- **Certification Pathways Assessment:** Identifying efficient certification routes for engines and vehicles, including:
  - Vehicle exemption options
  - Hybrid-electric systems using nonroad engines
  - Electric vehicles
  - Advanced Clean Trucks (ACT) compliance
- **Fleet Testing & Demonstration:** Supporting fleets in the U.S. and Canada, including obtaining agency exemptions for uncertified test vehicles
- **Regulatory Registration:** Guiding manufacturers through agency registration processes
- **Application Management:** Preparing and submitting all required documents, including GHG emissions modeling, warranty statements, and labels
- **Submission Tracking and Follow-up:** Monitoring submission status and coordinating agency interactions
- **In-Use Certification Support:** Addressing compliance issues and inquiries from U.S. EPA, CARB, and ECCC
- **Compliance & Audits:** Conducting lab audits and evaluating emissions testing methods



## Post-Certification & Compliance Support

- Preparing annual production estimates and reports
- Managing agency-ordered testing and audits
- Monitoring and reporting defects
- Reviewing certification processes to ensure continued compliance
- Responding to enforcement actions and managing emissions-related recalls

*ISO 9001:2015 certified at our corporate office in Dallas, Texas*

### CONTACT OUR TEAM!

For more information about how we can help your organization, please contact us.

**Jim Lyons**

P 916.837.3618 / [jlyons@trinityconsultants.com](mailto:jlyons@trinityconsultants.com)

**Lori Williams**

P 916.273.5131 / [lwilliams@trinityconsultants.com](mailto:lwilliams@trinityconsultants.com)

SCAN THE QR CODE TO LEARN MORE

