

Emission Certification Support for Marine Engines



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.

Selling marine engines requires emissions certification in every market where they are introduced. Manufacturers must comply with programs from the U.S. Environmental Protection Agency (EPA), California Air Resources Board (CARB), Environment and Climate Change Canada (ECCC), the International Maritime Organization (IMO), and other national authorities. Trinity helps manufacturers meet these requirements with tailored strategies, minimizing testing burdens and delays so engines reach the market faster.

Emission Certification Support

- **Regulatory Registration:** Assisting manufacturers with agency requirements
- **Certification Pathway Assessment:** Evaluating options for marine and land-based applications to minimize testing burdens
- **Compliance Planning:** Developing strategies to meet agency requirements
- **Durability Testing Support:** Designing test plans and coordinating with partner labs
- **Application Preparation, Submission & Liaison:** Compiling all required certification documents (AECD, warranty statements, labels), submitting to agencies, and tracking communications through approval

Custom Certification Solutions

- **Multi-Agency Testing & Certification Support:** Structuring test plans and documentation for U.S., Canada, China, and other jurisdictions in coordination with partner labs, and supporting manufacturers with submission-ready packages
- **Cross-Application Testing & Certification Support:** Identifying opportunities to align marine and land-based certification programs to reduce testing burdens
- **In-Use Certification Support:** Assisting with EPA certification of Category 3 marine engines for U.S. reflagged vessels
- **Test Facility & Program Compliance Auditing:** Supporting lab audits and reviewing emissions test methods for regulatory acceptance



Post-Certification & Ongoing Compliance Support

- Preparing annual production and Production Line Testing (PLT) reports
- Managing agency-ordered confirmatory testing
- 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.

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