



**TRAINING &
TECHNICAL SERVICES**

Summary

This course is intended for personnel who operate, repair, and monitor turbochargers. There are no pre-requisites required to attend this class. Class size is 12-15 students. This class is taught at the customer's location.

(8 training hours)

Contact Us Now!

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Fundamentals of Turbocharger Operations



This course teaches the fundamentals of turbocharger operating principles.

Upon completion of the Fundamentals of Turbocharger Operations course, each student will understand operating parameters of turbochargers, essential components, preventive maintenance items, troubleshooting skills, and how to monitor performance.

Course topics include:

- Operating principles
- Turbocharger components
- Component failure modes
- Component critical
- Component critical measurements
- Performance monitoring
- Lubrication and cooling
- Hands-on practical exercises
- Identify problems using:
 - Vibration analysis
 - Pressures and temperatures
 - Engine air map
 - Coast down time
 - Turbocharger speed
 - Installation issues
 - Airflow

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