



TetraTek Products, Inc.

We Put It All Together

Automobile Emissions Test Facility

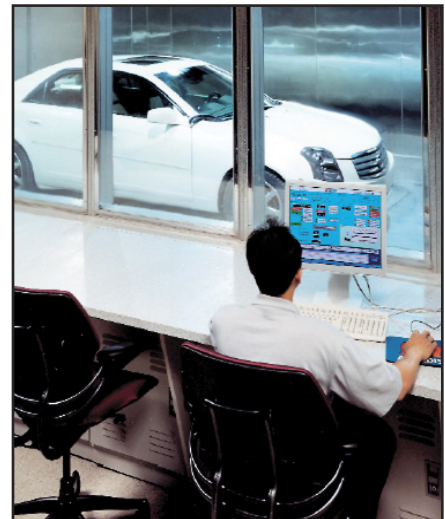
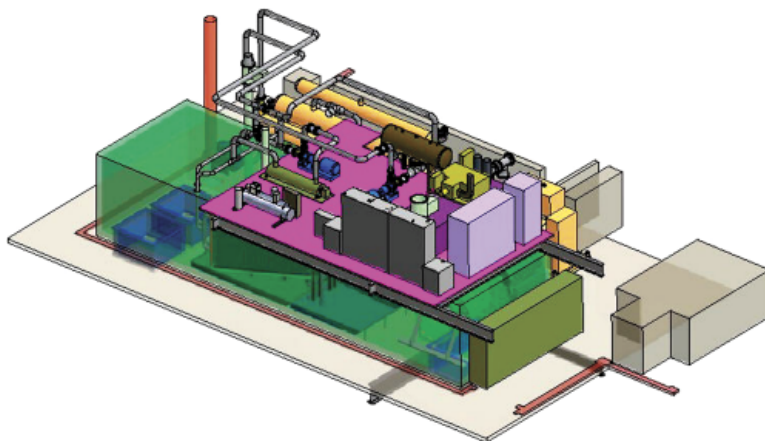
In partnership with a large Architectural and Engineering Firm, TetraTek Products, Inc. has just completed a large scale Automobile Emissions Test Facility for a major automobile components manufacturer. TetraTek furnished all conditioning systems, the thermal enclosure, and the systems engineering.

This facility includes:

- A full spectrum high intensity solar simulator.
- An adjustable four wheel dynamometer system.
- A 140,000 cfm, 90-mile per hour air circulation system.
- Temperature conditioning from -40 to +140 F.
- Humidity conditioning from 10% to 90% RH.
- An adjustable air outlet nozzle.
- A usable workspace of 40' by 20' by 10'
- A floor loading capability of 10,000 pounds per axle.
- A vehicle exhaust evacuation system.
- Emergency lighting.
- Fire protection.
- A computer and programmable logic control system.

System machinery includes:

- A 500 horsepower, VSD controlled, air circulation blower.
- A 500 horsepower screw machine refrigerated liquid chiller.
- A 2,250 cfm desiccant drier system with pre-cooling.
- A 175,000 watt electric fluid heating system.



TetraTek Products, Inc.

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