

Analytical Engineering, Inc.



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analytical engineering

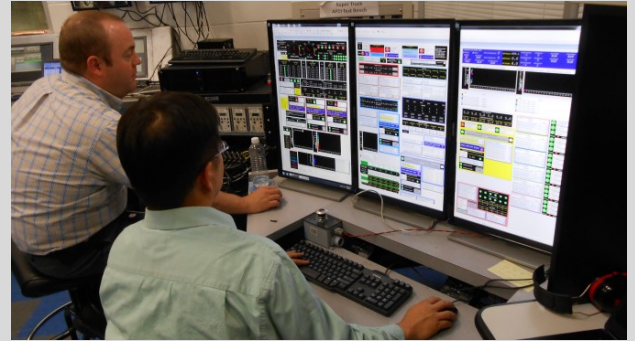


AEI Rock – 983 S. Marr Rd.

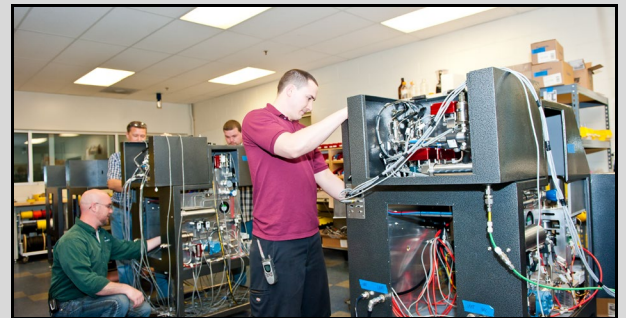
Analytical Engineering, Inc (AEI) is a world leader in engine and component system development. Founded in 1994 as a specialty instrument development and manufacturing company, AEI has grown into a multi-faceted research and development establishment on 72 acres of land. AEI has strategically built a strong supporting infrastructure which includes 300,000 sq.ft of facilities, engine development equipment, and knowledgeable staff that enables new projects to be quickly launched and completed. This combination of in-house capabilities, in conjunction with a cooperative development approach, enables AEI to help customers find rapid solutions leading to innovative new products.

AEI designs, manufactures, distributes, and supports custom instruments that analyze engine-related fluids and contaminants, such as oil lubricant and exhaust. These instruments acquire measurements in real-time while the engines are running in dynamometer test cells. This data is useful in rapidly quantifying engine properties and expediting the development process. AEI has a worldwide customer base with locations in North America, South America, Europe, and Asia.

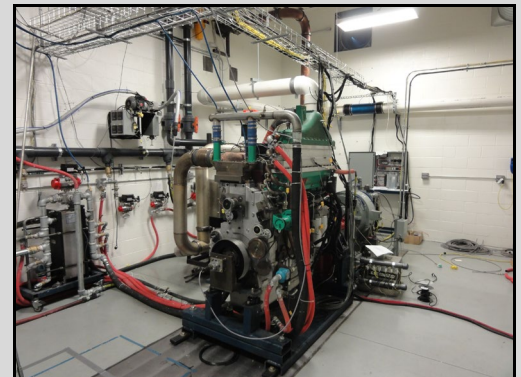
AEI supports research and development of engines, components, and engine-related systems. AEI has 26 engine test cells that are comprised of AC motoring dynamometers, cold cells, altitude simulation, and thermal cycling capability. AEI's Super Cell features all of the equipment necessary to simulate driving cycles in high altitude locations. AEI's large indoor vehicle center provides support where prototype engines can be installed and tested in vehicles ranging from pickup trucks to buses, utilizing both traditional fuel and electric or hybrid power. AEI offers design with solids modeling, computer aided machining (CAM), high precision fabrication, electronic board design and assembly, custom software, and computer controlled systems. These combined capabilities enable AEI to help customers develop new technology in an effective and innovative atmosphere.



Emissions, Performance, & Durability Development



Precision Instrument Design and Manufacturing



Development Cells with Altitude, Cold, and Driving Cycle Capabilities



Private Consoles for Customer Confidentiality