Southwest Research Institute® (SwRI®) has been conducting truck fuel economy evaluations since 1973. The mild climate in San Antonio allows year-round testing on public roadways and test tracks.

Test Procedures

Experienced test engineers routinely use the following procedures:

• SAE Recommended Practices
  ◦ SAE J1321 SAE Fuel Consumption Test Procedure Type II (2012 revision)
  ◦ Interim test method for verifying fuel-saving components for the EPA SmartWay® program (modifications to SAE J1321)
  ◦ SAE J1526 Joint TMC/SAE Fuel Consumption In-Service Test Procedure Type III

• TMC Recommended Practices
  ◦ RP1102 In-service Fuel Consumption Test Procedure Type II
  ◦ RP1103 In-service Fuel Consumption Test Procedure Type III
  ◦ RP1109 Type IV Fuel Economy Test Procedure

SAE Recommended Practice J1321 specifically addresses the needs and operating conditions of long-haul truck fleets. To compare one vehicle to another, SAE J1526 is the preferred method.
We welcome your inquiries.
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