



CIRT
Excellence in Transport

CENTRAL INSTITUTE OF ROAD TRANSPORT

सेन्ट्रल इन्स्टीट्यूट ऑफ रोड ट्रांसपोर्ट



AUTOMOBILE LABORATORY



Central Institute of Road Transport (CIRT) a premier institute in the field of auto component testing

Testing of Auto components is essential in order to assure the quality of the components those being fitted in vehicles.

Automobile Laboratory is equipped with various test facilities for testing of Automobile components as per ASRTU specifications, Indian Standards (IS) & Customer/Manufacturer supplied specification.

Onsite testing for Fire Detection and Alarm System (FDAS) & Fire Detection and Suppression System (FDSS) as per AIS:135.

Various Components tested in Automobile Lab

- Air Filter
- Diesel Filter
- Oil Filter
- Brake Linings
- Oil Seals
- Fan Belts
- Radiator Hose
- Air & Water Hose
- Clutch Facing
- Mechanical & Hydraulic Jack
- Radiator Pressure cap
- Ball & Roller Bearings
- Fasteners (Nut & Bolts)
- High pressure Fuel Pipe
- Piston Assembly
- Clutch pressure plate spring
- Wheel Nut Spanner & Tommy Bar
- Welding Electrodes
- Water Pumps
- Clutch Facing
- Fuel Tank
- Door Lock & Door Hinge
- Leaf Springs(Assemblies & loose leaves)

Testing of Safety Critical Components

- Door Lock and Door Hinges-IS:14225:2017
- Brake Hose- IS : 7079 – 1995
- Fuel Tanks- IS:12056-1987/ AIS 095
- FDAS /FDSS – AIS-135



Test Facilities



Fan belt test rig



Diesel filter test rig



Leaf spring Endurance test rig



Surface Roughness tester

CONTACT US

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