



Automotive Testing Services

Ind-Expocertification Limited (iec) offers the professional automotive testing and certification services manufacturers and OEMs need to set their products apart. (iec) offers much more than automotive testing and certification; we are a Total Quality Assurance provider. Through our global network of state-of-the-art facilities and industry-leading technical expertise we provide innovative and bespoke Assurance, Testing, Inspection and Certification services throughout the operations and distribution chains delivered consistently with precision, pace and passion, enabling our customers to power ahead safely.

Our areas of expertise include:

Autonomous and Connected Vehicles:

Achieve compliance with all testing and design criteria required to launch your autonomous vehicle solution.

Dedicated short range communications (DSRC) testing & certification

Advanced Driver Assistance Systems (ADAS) testing

Track and On-Road Fleet Testing

Functional Safety

Full Vehicle Homologation Services

Automotive fluids:

Expert services for liquids in the automotive industry offering independent tests for customer-oriented solutions based on modern laboratories.

Dust separation test

Lubricants & Fuel Systems

Testing fuels / oils - engines and laboratories

Electrical Components and Electronics:

Ensure that your systems and components are compliant with SAE, OEM, E / e-Mark and other related national and international regulatory standards.

Accredited EMC test

Battery Test

Buzz squeaking and rattle (BSR)

Durability Testing

Electrical and EMC Testing for Automotive Components

Environmental Testing

Fault Check (FMVT)

Noise measurements (Sones, dB)

Durability test / life cycle

Altitude simulation

Measuring technology

Automotive Headlamps & Luminaire Testing

Protection against intrusion/penetration (IP)

Telematics & Wireless Testing



Head Office in UK :Address:22 Baker Street London United Kingdom Zip Code:W1U 3BW

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Our areas of expertise include:

Vibration Testing & Analysis

Automotive Battery and Electric Vehicle Testing

Electrical vehicle component testing

Services in the field of electro mobility

Electric Mobility

Battery test electric vehicle

Charging Infrastructure

Interoperability Studies

Environmental performance

Battery safety testing

Materials and Components - Composites, Plastics and Metals:

(iec) supports developers and manufacturers of automotive materials with expertise in the field of plastic materials, composites, components and metal. Intertek experts in automotive materials understand the behavior and properties of automotive materials and have the latest laboratory equipment and techniques.

Automotive Materials Weathering Testing

Chemical Testing and Analysis

Permanent function test

Final product inspection of automotive components

Polymers & Plastics

Non-Destructive Testing (NDT) Services

Quality control

Automotive Materials Testing

Environmental exposure (-45 °C to 177 °C)

Automotive Volatile Organic Compound (VOC) Testing

Approval test (OEM - Animal) (à to be developed)

Engine and Gears:

(iec) test services for automotive engines and drive trains help to develop optimal products. (iec) offers options for a wide range of customers in passenger cars, trucks and high-performance engines sectors.

Engine Research, Development and Emissions

Noise measurements (Sones, dB)



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Our areas of expertise include:

Gear test

Engine Endurance and Durability Testing

Automotive Internal Engine Tests

RDE / PEMS test

Dust separation process

Environmental Testing

The range of simulated and accelerated Automotive Environmental Testing options provided by iec brings your automotive product

System Management IATF 16949:

With our services in the field of auditing and certification of management systems (for example I ISO TS 16949 Certification, IATF 16949:2016 ,supplier audits, etc.), we help you to continually improve your company.

System Testing:

Complete inspection of the system should assure your product to perform in all driving situations.

Field Performance Data Collection and Analysis

Driveline test (including hybrids and eMotors)

Fleet Testing Services

Dust-settling method

Environmental exposure (-45 ° C to 177 ° C)

Automotive Volatile Organic Compound (VOC) Testing

Standards We Test For:

(iec) Transportation Technologies is accredited to conduct thousands of electrical, chemical, and mechanical tests for full vehicles,

automotive components, products and related systems. Some of the more frequently requested standards include:

ASIL-A,B,C,D

ASTM B117

CETP... Ford Catalog

GMW 3172

GMW 16390

IEC 60529

ISO 16750-4

ISO 26262

USCAR-1



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