

Greater Life Quality

www.qualis-indonesia.com



Transportation

If there is any factor involving comfort, then cabin quietness is definitely one of the key aspects that play significant role in engineering a smooth driving experience. What started out as a minor rattling noise behind the dashboard as a result of unfit build quality may lead to complete product failure that affects vehicle reliability or in certain cases harm occupants' safety. Qualis perform vibration resistance test and harmonic analysis to simulate the possible scenarios that a component may endure within its life cycle, therefore ensuring both driving comfort and product reliability upon the vehicle leaving assembly line.

Why Choose Qualis?

PT. Qualis Indonesia established in January 2012 with headquarter in Tangerang, Indonesia; is the first national independent transportation test laboratory and product certification body with SNI/IEC 17025:2017 accredited by National Accreditation Body of Indonesia more known as KAN.

Qualis provides significant technical underpinning to product verification with an integrated and holistic quality management system to ensure high reliability of test data in strict compliance with reference test methods and prevailing regulations, supported by sound engineering and industrial knowledge.



Testing

Test Standards





Customer Benefits

- Improve efficiency and reduce market access time
- Prevent future additional development cost
- Eliminate potential risks from product recall
- Improve industrial credibility and competitiveness
- Reliable test result with modern test equipment and accurate test methodologies
- Fulfill quality standard & safety requirements

Our facility

The Transportation Laboratory houses modern test equipments that are dedicated to perform typical automotive test protocols, which include:

- Accelerated weathering test (xenon-arc & carbon-arc)
- Environmental stress test (thermal shock, irradiation heat resistance, heat cycling)
- Chemical stress analysis (material composition, SOC, RoHS II, phthalates, salt spray)
- Physical properties test (falling ball impact, drop resistance, tensile strength, spectrophotometry)
- Part performance test (durability, shock vibration, resonance point detection)

Our Capability

Qualis supports testing of various automotive parts based on internationally recognized standards, such as ISO, AATCC, ASTM, JIS, IEC, etc. Additionally, a wide range of test methods developed by world-class automotive manufacturers are supported, including TSM, DTSM, HES, SES, NES, GMW, MBN, etc.

2 - Wheel



Passenger Car & Commercial Vehicle





Xenon-Arc Weathering

Accelerated weathering resistance,
light resistance test



Part Performance Test

Resonance point detection, shock & random
vibration, vibration durability



Environmental Stress Test

Thermal cycle, thermal shock, irradiation
heat resistance, humidity resistance



High/Low Temperature Resistance

Discoloration test, deformation test,
dimensional measurement



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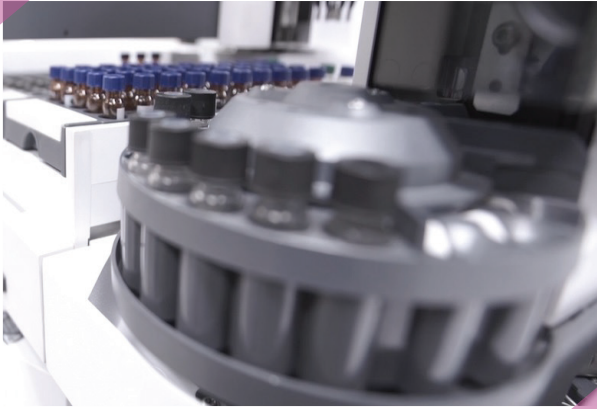
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Head Office & Laboratory

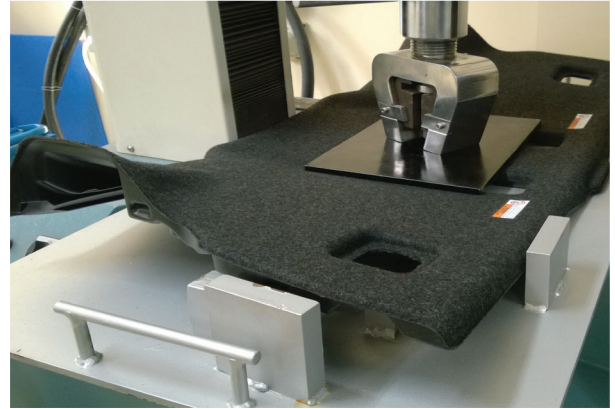
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Scan to learn more about
PT Qualis Indonesia



Chemical Stress Analysis

Material composition test, SOC free test,
RoHS analysis, Phthalate content analysis



Physical Properties Test

Drop resistance, falling ball impact, tensile
strength, flammability Spectrophotometry

Our Recognition

PT. Qualis Indonesia is accredited by KAN (Indonesian Accreditative Committee) and complies the requirements of:

- SNI ISO/IEC 17025: 2008 Laboratory Management System.
- SNI ISO/IEC 17065: 2012 Conformity Assessment for Product Certification Bodies.
- SNI ISO/IEC 17020: 2012 Conformity Assessment for Inspection Bodies.

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