



Vehicle & Homologation Testing

Vipac's staff are experienced in all facets of vehicle homologation and certification programs to UN-ECE, EEC, FMVSS, JIS and ADR standards.

After the completion of any tests, Vipac's staff can submit the required documentation to the relevant authorities to facilitate a quick turn-around of the homologation process.

Vipac has access to dry weather proving grounds with variable surfaces to conduct a variety of vehicle testing regime including NVH and Brake performance.



Vehicle & Homologation Testing

Services

- Product Certification
- Back to Back Testing
- Research & Development
- Troubleshooting

Australian Design Rules

- UN-ECE Regulations
- FMVSS Specifications

NVH (Noise Vibration Harshness)

- Dynamic mapping of noise and vibration sources
- Internal & external noise measurements

Brake System Analysis

- Brake system evaluation - Absolute performance, back-to-back comparison, fade monitoring & evaluation, energy dissipating performance, temperature monitoring.
- Problem identification & solution.
- ADR Testing

Data Logging

- Multi-channel data acquisition (acceleration, pressure, strain, pitch/roll, steering wheel effort and more)
- Vehicle Fingerprinting/benchmark campaigns
- Long duration data logging



Interior Binaural Noise Recording



Heavy Vehicle Track Testing