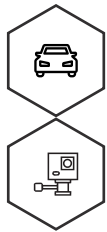


Leading Engineering
Qualification Testing
Services Australia



Traffic Systems



Established in 1973, Vipac Engineers & Scientists has organically grown to become one of Australia's leading engineering testing laboratories and consultancies. Proudly Australian owned and operated, the company specialises in the NATA-accredited testing, verification, calibration, and evaluation of road safety enforcement systems.

We provide independent assessment and validation of fixed and mobile speed enforcement technologies. Our multidisciplinary team includes engineers and technical specialists with expertise in:

- > Radio Frequency (RF) engineering and integrated systems.

- > Software and database development.
- > Electronics, calibration, and metrology.
- > Technical investigations, data analysis, and reporting.
- > Specification-based testing and performance verification.

Our Traffic Systems team provides end-to-end testing, verification, calibration, and type approval services. The company can operate out of its purpose-built Melbourne laboratory or in the field throughout Australia. We continually develop our testing systems, databases, and software (such as our automated reporting capabilities), seeking to improve system efficiency, accuracy, and traceability.

With decades of experience in engineering testing and measurement science, we deliver technically rigorous and traceable testing services. We support the accuracy, reliability, and integrity of road safety enforcement systems.





VIPAC

Engineers & Scientists

Proudly Australian owned
& operated since 1973.



Services & Testing Provided

Fixed Traffic Enforcement Systems

- > Sensor Testing & Evaluation
 - > In-road Inductive Loop Sensors
 - > In-road Piezoelectric Sensors
 - > K-band and Ka-band Doppler Radar Systems
 - > LiDAR (Laser) and Tracking LiDAR Systems
 - > Infra-Red Systems
- > System Performance
 - > Speed Accuracy
 - > Speed Reliability
 - > Traffic Signal Evaluation
 - > Variable Speed Limit Monitoring Systems (VSVM, VSLs And LUMS)
 - > Weight in Motion (WIM) Evaluation
 - > UTC Time Accuracy Verification

- > Point-To-Point Measurement
- > Advanced Data Analysis and Reporting
- > Compliance Testing
 - > Type Approval Testing
 - > System Verification
 - > Performance Validation

Mobile Traffic Enforcement Systems

- > Sensor Testing & Evaluation
 - > K-band and Ka-band Doppler Radar Systems
 - > LiDAR (Laser) and Tracking LiDAR Systems
 - > Sensor Alignment Verification
- > System Performance
 - > Speed Accuracy
 - > Speed Reliability
 - > UTC Time Accuracy Verification
 - > Point-To-Point Systems Evaluation
 - > Advanced Data Analysis and Reporting
- > Compliance Testing
 - > Type Approval Testing
 - > System Verification
 - > Performance Validation

Distracted Driver and Seatbelt (DDS) Systems

- > Detection System Evaluation
- > Performance Validation
 - > Speed Accuracy
 - > Speed Reliability
 - > Advanced Data Analysis and Reporting
 - > UTC Time Accuracy Verification
 - > Advanced Data Analysis and Reporting

Electrical Performance & Safety

- > Ingress Protection (IP) Testing
- > Vibration Testing
- > Electrical Safety Testing



Qualifications & Certifications

- > NATA Accredited
- > BSI ISO 45001, ISO 9001, and ISO 14001

