

## Pass-by Noise

Millbrook's pass-by noise measurement capability allows for vehicle noise tests to be carried out to international standards for homologation and development. Experienced and highly trained staff are available to conduct tests and assist the customer with any requirements.

### Capabilities

- Compliant test track and surface to ISO 10844:2014 specification
- Compliance includes geometric dimensions and sound absorption characteristics
- 268m compliant surface
- Secluded and exclusive location
- Nominal ambient sound level pressure levels 36 dB(A)
- On-site weather station
- Pass-by and noise measurement instrumentation
- Noise analysis capability
- Test viewing and customer room on-site
- Nearby workshops



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### Applications

- Measurement of noise emitted by static vehicles
- Type approval test with authority witnessing to global regulations
- Pass-by noise for tyres or whole vehicles
- Noise source identification
- Audible warning
- Conformity of production tests - able to support large volumes for annual CoP requirements
- Passenger cars, buses, trucks and off-highway vehicles
- Free field noise measurement
- Free field EMC testing

### Additional Information

Tests can be conducted by Millbrook's highly trained staff, benefitting from on-site access to Brüel & Kjær and VCA. The site may also be rented by the customer to conduct their own tests.

