Brake emissions

Applus+ IDIADA is your development partner offering a dedicated service for client-oriented design and testing activities. Brake wear is a major source of non-exhaust, traffic-related particulate matter (PM). For this reason, regulatory bodies have started to regulate non-exhaust emissions. From Euro 7, measurement of particulate emissions due to brake wear is included in the light-duty vehicle homologation process. As a member of the Particle Measurement Programme (PMP) working group, IDIADA has been collaborating in the test procedure definition and in the round robin activity.

IDIADA provides a new brake emissions testing service with two state-of-the-art testing facilities, both facilities being fully compliant with GTR24 specifications. We can perform right-hand corner and left-hand corner brake assembly tests in parallel.

IDIADA adds this new service to its complete existing portfolio of emissions tests providing a complete range of capabilities for testing brakes. Depending on your testing needs, IDIADA can provide dynamometer and vehicle testing capabilities and dedicated brake emissions measurements.

In-house testing fixtures design and manufacturing allow us to optimize the complete testing process timing. In addition, vehicle-specific friction braking share coefficients can be determined by using our chassis dyno testing facilities with the pressure-based method.

This new service complements IDIADA's homologation and brake development engineering services.

Depending on your testing needs, IDIADA can provide dynamometer and vehicle testing capabilities and dedicated brake emissions measurements.

MAIN TESTING FACILITY SPECIFICATIONS:

- AVL brake emissions test system
- RHC and LHC brake assembly testing
- Measurement of PM10, PM2.5, TPN10, SPN10

ⓘ CONTACT INFORMATION

Headquarters & Technical Centre · L'Albornar - PO Box 20 · E-43710 Santa Oliva (Tarragona) Spain

For further details, please contact: ✉ info@idiada.com 📞 +34 977 166 000