



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.



MAIN TESTING FACILITY SPECIFICATIONS:

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

CONTACT INFORMATION

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