

## UN Regulation 90

Applus+ IDIADA is an officially recognized Technical Service for European Approval of vehicles and components. IDIADA is accredited for the whole list of European EU Directives and UN Regulations applicable to all vehicle categories and has a high level of international recognition. We are also able to carry out tests according to standards valid for self-certification. As so, IDIADA is authorized to homologate brake lining assemblies, drum brake linings and discs and drums for the aftermarket according to the UN Regulation 90.



In particular, Applus+ IDIADA is one of the most active technical services in carrying out tests according to UN Regulation 90 and its issuance of certificates through the different approval authorities that we are accredited for:

- E9 Spain
- E4 Netherlands
- E1 Germany
- E52 Malaysia
- E5 Sweden
- E19 Romania
- E24: Ireland

IDIADA is also a test laboratory accredited by ENAC with accreditation No. 35/LE2594 in accordance with the UNE-EN ISO/IEC 17025:2017 standard at our facilities in Spain and also accredited by UKAS with accreditation 10369 in accordance with the ISO/IEC 17025:2017 at our brake dynamometer laboratory located in UK.

## **Regulation 90 applies to the basic braking function of the following replacement parts**

Replacement brake lining assemblies, drum brake linings and discs and drums for power-driven vehicles and their trailers for use in friction brakes forming part of a braking system of vehicles of category M, N, L and O which have a type approval in accordance with Regulations Nos. 13, 13-H or 78.

All major manufacturers both of OE or replacement friction materials are working hard on their approval programmes and most of them have already obtained dozens or hundreds of approval numbers through us.

This regulation ensures that the aftermarket vehicle components comply with the strictest braking systems and brake components standards which concern the construction and design as well as the performance requirements for automotive aftermarket parts.

Applus+ IDIADA offers the complete homologation procedure to obtain the approval certificate according to Regulation 90.02.

### **UN Reg. 90.02 Homologation process**

1. Initial Assessment Audit / COP Audit
2. Application Form / Technical Documentation
3. Documentation check. Worst Case Analysis
4. Search Test Vehicle
5. Instrumentation
6. Bedding
7. Test OE
8. Test AM
9. Test Report
10. Issuance management of the certificate through the Homologation Authority.

Applus+ IDIADA aims to offer a state-of-art service. Our proving ground facilities together with our brake dynamometer laboratory allow us to guarantee a tailor-made service according to each client's requirements.

As a leading provider of R90 testing services, our unique way of working has enabled us to optimize the homologation process and be more effective, not only in cost but also in time. With IDIADA's expert advice and guidance, getting the UN Regulation 90 can be a smooth and painless process for those products that meet the requirements.

