



Tyre test certification & homologation

ECE R30, R54, R117 for road vehicles

ECE R75 for 2&3 wheelers

ECE R106 for agricultural vehicles

ECE R108 & R109 for retreaded tyres

Wet grip on worn tyre

Tyre abrasion

European Reference for laboratory alignment

Labelling testing

R(EU)2020/740



United Nations



THE COMPANY

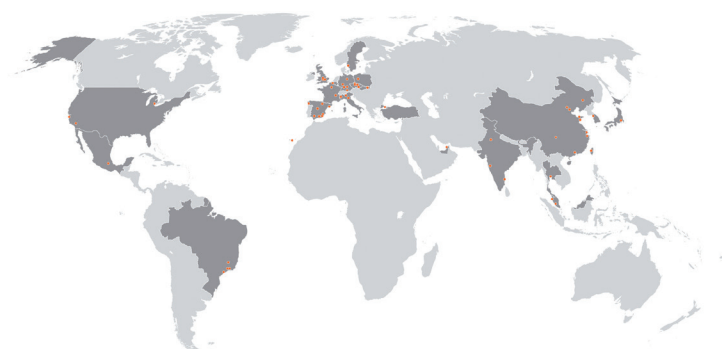
Applus IDIADA is an officially recognized Technical Service for European Approval of vehicles and components.

Accredited by the whole list of European EU Directives and UN/ECE Regulations, applicable to all vehicle categories, Applus IDIADA is also able to carry out tests according to standards valid for self-certification.

Testing and homologation of components is one of the company's main areas of expertise.

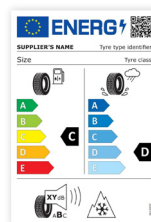
Applus IDIADA is a member of the Working Groups in Geneva (United Nations) and Brussels (European Union) where vehicle regulations are created and developed.

Applus IDIADA's Headquarters and Technical Centre are situated 70 km south-west of Barcelona, Spain. The company has an international network of subsidiaries and branch offices throughout Europe, Asia and South America (Belgium, Brazil, China, Czech Republic, France, Germany, India, Italy, Japan, Malaysia, Mexico, Poland, Slovakia, South Korea, Spain, Sweden, Taiwan, Thailand, Turkey, UK, USA and Vietnam).

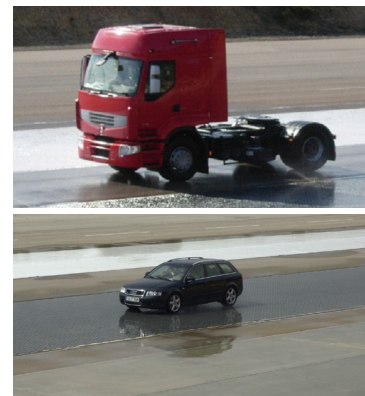


SERVICES FOR THE TYRE INDUSTRY

- EC/ECE tyre type approval: Designated Technical Service
 - Regulation No. 30, 54 and 75 for new type approval of tyres
 - Regulation No. 117 for noise, wet grip, rolling resistance, snow grip wet grip in worn condition and tyre abrasion
 - Regulation No. 106 for agricultural tyres
 - Regulation No. 108 and 109 for retreaded tyres
- EC tyre labelling: European Reference for Rolling Resistance laboratory Alignment
- EC and non-European tyre labelling schemes: Tests as per relevant Standards. Accredited ISO17025
- Brazil INMETRO: Test Laboratory accredited Portaria 379/2021
- Other testing Services (ISO, DOT,...)
- Conformity of Production Tests
- Market surveillance tests



United Nations



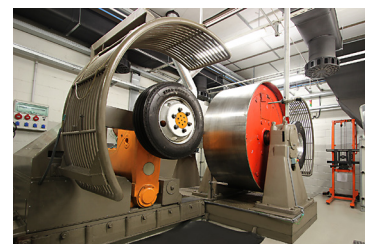
Wet grip



Pass by Noise

TESTING FACILITIES AND EQUIPMENT

- ISO 10844:2021 surfaces for rolling sound emission test according to ECE R117.02 for all types of vehicles
- Braking surface for adhesion performance on wet surface according to ECE R117.02
- 3 Rolling Resistance test machines
- Load/speed (ECE / FMVSS) machine for:
 - Passenger car (Max. load 2,000 kg; Max. speed 350 km/h)
 - Truck & bus (Max. load 7,000 kg; Max. speed 160 km/h)
- Plunger and bead unseating test bench
- Complete fleet of cars for testing purposes



Rolling resistance



Snow grip

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