



Homologation & Certification Electric Bicycles

Applus IDIADA is one of the most important independent organizations in Europe offering technical support for mobility product development. Our customers include most major vehicle manufacturers worldwide and a significant number of multinational component and system suppliers.

Applus IDIADA is a type-approval agency officially empowered for European and worldwide homologation of vehicle and systems and takes active part in many working groups for automotive legislative development. Our expert team can provide certification and homologation services for all kinds of electric bicycles, according to the current European legislation.

Classification	Max speed	Max power	Standard
EPAC	25 km/h	250 W	EN 15194:2017
Powered cycle (L1e-A)	25 km/h	1000 W	Reg. (EU) No. 168/2013
Moped (L1e-B)	45 km/h	4000 W	Reg. (EU) No. 168/2013

State-of-the-art equipment for testing

Applus IDIADA has a state-of-the-art equipment which ultimately makes it one of the leading laboratories in

Europe in testing electric cycles in accordance with the latest requirements of EN 15194:2017 and Regulation (EU) No. 168/2013

Capability for structural testing

All kinds of electric bicycles must be specifically tested. A bicycle specialist team is able to perform all mechanical tests in the most efficient way.

Confidentiality

Confidentiality is a high priority. All test components and vehicles are treated confidentially and kept in closed areas only accessible to the people in charge of the work.

Professional team

We analyse each project carefully to determine workload and time targets to adapt the necessary resources to the client's needs and specifications.

Regulatory advice

Customers can benefit from our experience and competence before and during the type-approval or certification procedures of electrically assisted bicycles.

CONTACT INFORMATION

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