

# Certification of Personal Light Electric Vehicle (PLEV)

In order to provide Personal Light Electric Vehicle (PLEV) certification services to manufacturers who so wish, Applus+ IDIADA has been designated by the Spanish General Directorate of Traffic (DGT) as a laboratory capable of performing tests in accordance with Spanish Official Gazette [BOE-A-2022-987](#) (in Spanish).



As specified in the manual, a PLEV or electric scooter is a vehicle with one or more wheels equipped with a single seat and propelled exclusively by electric motors which, by design, can provide a maximum speed of between 6 and 25 km/h (4 - 16 mph). They can only be equipped with a seat or saddle if fitted with a self-balancing system. The manual also details characteristics such as braking system, structural integrity, and dynamic behaviour, among others.

## Steps to follow for manufacturers interested in PLEV certification

All manufacturers interested in PLEV certification must follow the steps described in **section 31 of the manual**.

First, they will have to register as a manufacturer/authorized representative in the DGT register. Once this registration has been completed, they can contact our authorized laboratory to request a personalized quote and, thus, start with all the necessary tests to obtain the certification that will allow the vehicle to be driven on public roads.

