

Component passive safety testing

Applus IDIADA offers the full range of laboratories and test rigs which are required to support development activities through component or subsystem testing.



These capabilities combined with comprehensive facilities enable Applus IDIADA to satisfy testing requirements according to automotive as well as aeronautical and railway standards for markets worldwide.

- Sled testing for restraint system development (frontal, lateral)
- Sled testing for knee mapping
- Sled testing for whiplash development
- Sled testing for seat development
- Pedestrian protection testing
- Interior headform protection testing
- Pendulum bumper testing
- Static component testing (i.e. seats and headrests, seatbelt anchorages)
- Airbag deployment testing
- Airbag calibration component testing
- Airbag out-of-position testing (Oop)
- Occupant ejection mitigation testing
- BIW testing (door intrusion, roof intrusion, ejection mitigation)
- CRS testing (Child Restraint Systems)