Automotive Component Verification (DVP and PVP)

Definition, planning and execution of validation plans according to the industry's and each OEM's standards.

Automotive equipment and component manufacturers and suppliers compete in an innovative environment with high quality standards and known for its demanding time and cost optimization. The equipment and components must be validated in compliance with industry standards in addition to the standards of each end manufacturer (OEMs).

Our solution

Applus+ Laboratories is your partner for the development and execution of automotive component and equipment validation test plans. We work with OEMs and suppliers offering cost and time optimized solutions, providing our experience in the automotive industry.

Our service includes:

- Identifying and analyzing the applicable test specifications and regulations (OEM Standards, ISO, SAE, and IEC, among others)
- VTP preparation and execution
- Test tooling and test bench design and manufacture
- Failure analysis and product improvement consultancy

Our testing capabilities include:

- [Electrical and EMC testing](#)
- [Vibration and shock testing](#)
- [Climatic testing](#)
- [Mechanical testing](#)
- Materials testing ([Plastics](#), [composites](#), [metals](#))

- [Corrosion testing](#)
- [Fire testing](#)
- IT security testing

Benefits

- Applus+, one-stop-shop to cover your testing needs
- One technological partner to define, design and execute your validation plan: QTP, tooling, test benches and testing.
- Optimize the validation test plan's resources and costs