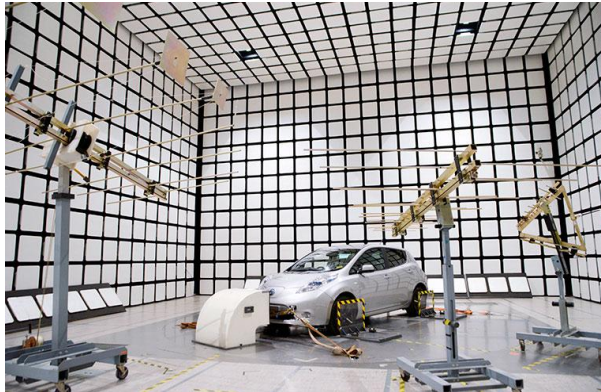


Electronics reliability

The object of the electronics reliability program is to perform accelerated durability tests on the vehicle, with the main focus on the electronics functions.



DESCRIPTION

Unlike theoretical *reliability* (MTBF, etc.), that is a mere estimation that guides the designers during the design phase, *applied reliability* helps to capture faults, which are generally discovered only through the after sale feedback

The process of electronics reliability involves:

- Development of the reliability test cases based on functional specifications
- Risk calculation pertaining to each electronic function
- Designation of functions to be tested and their required targets to prototypes
- Execution of the tests on the tracks to meet set targets
- Feedback of the results to the designers and developers