

# Aerospace Quality Control testing

Quality control of aerospace structures and components made of composite and metal materials, as well as their raw materials.



The production process of aerospace structures and components requires quality control tests during different stages of production. To meet manufacturing program deadlines, the producers must have an accredited technological and testing partner that will enable them to integrate quality control testing of the materials, the process, and the end product, into the production flow in the least amount of time possible.

## A network of accredited materials testing laboratories

**Applus+** has a network of materials testing laboratories with **ISO/IEC 17025** and **NADCAP accreditation** (Metallic, Non-Metallic Materials and Non-Destructive Testing). Applus+ is also recognized by **Airbus**, **Comac** and **Safran** as approved supplier for [composite](#) and [metallic material testing](#).

Our quality controls service covers the different production steps:

- Incoming material inspection
- Manufacturing process control
- End product witness test

Our services cover:

- Sample preparation: Manufacturing (for autoclave and heated platen press), machined and drilled
- Mechanical Testing
- Physical-Chemical Testing



- Non-Destructive Testing (NDT)
- Result analysis and testing reports

Applus+ Laboratories has an online service (Applus+ etesting) so that customers can access the testing reports and monitor the development of their testing program.

Our technical team carries out **standardized tests** (EN, ISO, ASTM, MIL-STD, among others) and also tests designed **according to the customer's own requirements** (AITM, SP, GD, among others) for any type of application.

## Benefits

- Reliability of results, ensured with a prestigious partner
- Meeting delivery deadlines ensured
- Availability of a wide range of technical testing capacities for handling the production rate variables.