

# Test Center

The expertise of high performance tests

A test center to analyse, control and validate components, materials and products in diverse environments



First designed to conduct experiment on space equipment on the Ariane launcher in 1962, it is used today for our own needs and by many different industrial or scientific customers to control the quality and reliability of their equipment.

1 Cryogenic mechanical tests

2 Green hydrogen production



## Specimen cryogenic tests

- Material characterisation
- Calibration of sensors
- Thermal cycling of material or components
- Turbine performance tests
- New cryogenic technologies for the Ariane space program

## Large scale tests

- Testing of large structures or propellant tanks under static loads and pressure
- Functional tests on piping and instruments
- Thermal simulation tests under representative space conditions



A dedicated team

16 test areas

**O**ur six hectares of testing ground offer many test capabilities and high performance facilities.

All operations are performed in complete security, following high safety procedures.

**3** Liquid oxygen test bench line supply

**4** Vacuum chamber for space test



## Hydrogen energy and fuel cells applications

- Fuel cell tests
- Hydrogen storage systems functional tests
- Components tests

## Air Liquide project support

Air Liquide's teams are at your disposal:

- to define your tests
- to select the most appropriate tests according to your specific needs
- to manage your project



**5** test laboratories

**2** blockhouses



## Contacts

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