

## Services

### Lab services

#### Key advantages

Lantal's laboratory services offers the following compelling advantages:

- **Equipped to perform all relevant airworthiness tests for interior components**
- **Lead-time of test report of maximum 15 working days after receipt of ready-made specimen**
- **Additional services like competent consulting, witnessing, conformity inspections and flammability test trainings**
- **Every product manufactured by Lantal is tested and delivered with a flammability test report**
- **The laboratory is accessible for third parties**

#### Certification of the lab services

In connection with the Production Organisation Approval (POA), the Swiss Federal Office of Civil Aviation (FOCA) audited Lantal's lab in Langenthal.

Our certification according to EASA 21 Subpart G and J enables Lantal to supply ready-made seat covers, headrest covers, curtains, cut carpets, and pneumatic components with the release certificate (EASA Form 1).

Lantal's laboratory in Langenthal is accredited as a center for fire tests pursuant to ISO/IEC 17025 (STS 0583). This approval allows our lab to conduct fire tests listed in the scope of accreditation on materials and components used in aircraft interiors.

#### Tests

- **Flammability test vertical 60 or 12 sec.:**  
as per specification FAR/CS 25.853, App. F, Part I, (a)(1)(i) and (ii), Airbus AITM 2-0002A/B or BSS 7230
- **Flammability test horizontal:**  
as per specification FAR/CS 25.853, App. F, Part I (a)(1)(iv) and (v) or AITM 2-0003
- **45 degree Bunsen Burner test:**  
as per specification FAR/CS 25.853, App. F, Part I (a)(2)(ii) and (iii) or Airbus AITM 2-0004
- **Oil Burner Tests for seat cushions:**  
as per specification FAR/CS 25.853, App. F, Part II or AITM 2-0009
- **Heat release rate (OSU test):**  
as per specification FAR/CS 25.853, App. F, Part IV or AITM 2-0006
- **Smoke test:**  
as per specification FAR/CS 25.853, App. F, Part V or Airbus AITM 2-0007/2-0008 or BSS 7238
- **Toxicity test:**  
as per specification AITM 3-0005 (ABD 0031) or BSS 7239

In connection with the Design Organisation Approval, our CVE Cabin Safety is able to witness your tests.

#### Contact

##### Contact for laboratory services

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