

## Train Lab services

Lantal's independent laboratory tests combustibility, toxicity, smoke production, pilling, wear, abrasion, lightfastness, and many other parameters on an ongoing basis.

### Key advantages

Lantal's on-site testing capabilities are associated with the following key advantages:

- **The Lantal laboratory is equipped with the resources needed to perform all relevant tests with interior components**
- **Delivery time for Test Reports of max. 15 working days after receipt of ready-made test specimen**
- **The laboratory services are also available for third parties**

### Accreditation of the fire test lab

Lantal's independent laboratory is accredited as a center for fire tests pursuant to ISO/IEC 17025 (STS 0583).

This approval allows the lab to conduct fire tests listed in the scope of accreditation on materials and components used in rail vehicle interiors.

Accreditation according to EN ISO/ICE 17025 since 2012.

### Quality management in Switzerland

Certification according to AS/EN 9100:2009, ISO 9001:2008 EQ-Net since 1992

### Laboratory tests

#### EN 45545-2

- Smoke density test according to EN ISO 5659-2
- Spread of Flame according to ISO 5658-2
- Smoke and toxicity test with FTIR according to ISO 5659-2/ EN 17084
- Cone Calorimeter test according to ISO 5660-1
- Flooring Radiant Panel test EN ISO 9239-1
- Burning behaviour of Seat Cushions 45545-2
- Ignitability test EN ISO 11925-2

#### DIN 5510

- Toxicity measurements by means of FTIR

Apart from the fire tests mentioned in this document, Lantal has the equipment needed to conduct further quality tests such as:

- Abrasion resistance
- Pilling
- etc.

### Contact

#### Contact for laboratory services

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