



Fire test on a CFRP-tank

## High Risk Testing • Fire and Flammability Tests

### Scope of Services

- According to international specification standards or customer specific requirements we conduct fire and flammability tests on e.g.
  - hydrogen and nitrogen vessels
  - traction batteries
- Complete instrumentation with temperature and pressure sensors or strain gauges
- Test specimen, such as storage tanks can be pressurized with different mediums
- The tests are monitored by high speed video and a thermal imaging camera
- Standards: EC 79 • R 134 • ECE R 100 • GB/T • KMVSS • RTCA-DO 160 G • DIN EN 45545



Fire test based on DIN EN 45545



Fire test based on ECE R 100

## References

- **ARRK Engineering:** Implementation of Fire Resistance Tests
- **Kiwa:** Fire and Ballistic Tests on storage vessels
- **NPROXX:** Tests on storage vessels

## Why you should rely on us

**We are a neutral company,** helping our customers meet mandatory fire and flammability test regulations. **We provide an overview** of how test objects react in worst case scenarios along with analyses of their potential weaknesses. **According to the test results, we provide test certifications** that enable market entrance and facilitate sales.

IABG is certified according to ISO 9001

IABG's ballistic, blast and impact tests are accredited according to DIN EN ISO / IEC 17025

For more information please contact:

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