# TQ PRODUCT COMPLIANCE CENTER

International certifications and accredited testing by TQ Product Compliance Center (TQ PCC) allow you a quick and reliable market access.

# TQ is a reliable partner for electronic services that include product qualification and approvals

Despite the increasing effort  for qualification, it is becoming more and more important for our customers to accelerate time-to-market and maintain their lead in technology. As one of the few technology service providers and electronic specialists in the market, TQ takes over project responsibility from development to product certification and approval, production, testing, assembly and logistics, and finally Obsolescence Management and after-sales service – all from one source.

TQ as a system supplier offers a unique combination of comprehensive electronic services to the market that include product qualification and international approvals from a single source. This is how TQ creates an optimally integrated time-to-market process.

**Link to website: https://www.tq-pcc.com**

**Link to
video on YouTube.**

# TQ is a partner for getting your products approved quickly and successfully

Our accredited TQ PCC is optimally equipped for checking functionalities and complying with international standards as well as customer-specific requirements. This enables us to offer you optimal consulting for approval and certification processes for your products – and to implement them for you directly and without complications. This assures you reliable and fast time-to-market with your products – in a process that is comprehensive, quick and reliable.

Thanks to the country approvals we cover for relevant markets in Europe, the USA, and Asia, we are able to significantly accelerate market entry to our customers and their products. By integrating PCC early on, we reduce the risk of product delays and save you valuable time and any unnecessary product acceptance loops.

# Your benefits at a glance

- ✓ Comprehensive and competent support in obtaining qualifications and approvals for your products

- ✓ Accelerated time-to-market

- ✓ Accomplishment of tasks for obtaining conformity certifications

- ✓ Comprehensive project control until completion

- ✓ Leading edge by early detection of product-relevant changes

- ✓ Close cooperation with TQ Development assures quick and successful approval of your products

## International certifications and accredited testing

We perform testing and checks for electromagnetic compatibility and product safety, and for requirements in the areas of climate, mechanical, reliability, and noise emissions. Our goal is to satisfy all your needs, even on a rush basis, performing first-class testing and approval tasks at a reasonable price.

All tests are performed under realistic conditions. In addition to tests and measurements, we also initiate processes for obtaining conformity certifications (on the national and international levels) and offer troubleshooting support during the development process.

# Electromechanical compatibility (EMC)

**Interference immunity tests (according EN, IEC) for**

▶ ESD (electrostatic discharge)

▶ Radiated, high-frequency electromagnetic fields

▶ Burst (fast, transient) interference pulses

▶ Surge (slow, high-energy) interference pulses

▶ Induced, conducted, high-frequency interference

▶ Power-frequency magnetic fields

▶ Voltage fluctuations and interruptions in electrical supply systems

**Emission interference tests (according EN, FCC, VCCI, RCM, etc.) for**

▶ Radio interference voltage

▶ Electric fields, RFI field strength

▶ Harmonics and flicker

# Product safety

▶ Visual, electrical, and mechanical testing/inspection

▶ Test report for Europe (CE), CB test report, and TÜV NRTL

▶ Requalification tests (CE, CCC)

# Environmental testing

▶ Thermography

▶ Climatic stress,
  temperature and humidity

▶ UV resistance

▶ Mechanical stress

▶ Packaging test: Free fall

▶ Transport simulation

▶ Acoustic measurements

▶ Wear tests

# International approvals and product certification

**Your reliable partner for global market access.**



- ✓ Consulting on necessary approvals and certifications
- ✓ Acceptance tests (accredited, test reports in English)
- ✓ Technical consulting and training throughout development phase
- ✓ Early detection of product-relevant changes and new requirements

# TQ Product Compliance Center located in Augsburg

▶ 20 test engineers and experts

▶ Inter-site collaboration
between TQ development departments

Contact us now, without obligation, and learn how you can bring your products to market in top quality and in the shortest time possible.

**Your contact**

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**Contact us now.**

**TQ PCC in Augsburg**

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