

# Environmental testing and EMC Proficiency Testing 2025

## Background Information

In cooperation with the consulting company 4TIERS GmbH and the service provider EMC-PT GmbH, we have developed a new proficiency testing program in the field of environmental testing and EMC. For the year 2025 the focus will be on the following test areas:

- **Vibration / Shock**
- **Change of temperature and damp heat**
- **Electromagnetic compatibility (EMC)**
  - **Radiated Emission / Radiated Susceptibility**
  - **Conducted disturbance / Conducted immunity**

Specimens specially developed for proficiency tests will be sent from laboratory to laboratory. This means that all laboratories perform the tests on the same test specimen, which is returned to us after the test.



## Your benefit

Our proficiency testing program closes a gap for all accredited laboratories in the field of **environmental testing and EMC**. Until now, laboratories had to make use of interlaboratory comparisons or other comparative measurements. Now our professionally organized proficiency testing program can help to fulfill the requirements of accreditation.

By participating in our proficiency testing schemes you have an objective and independent impression of your quality and performance of your routine testing method. Your benefits taking part in DRRR proficiency testing schemes:

- Participation in proficiency testing is required by several facilities
- Participants can compare, assure and improve their own performance and quality
- Recognition of the applied method compared to the other laboratories
- Unquestionable lab performance towards customers and certification authorities
- Saving costs of lab development and maintenance
- Saving on the working time in the lab and many other benefits



## Registration/information

### Simply brilliant, your proficiency testing with ODIN.

Convenient proficiency testing participation with ODIN easy, safe and clearly

- Direct booking of proficiency testing schemes in our online catalogue
- Overview about the registered proficiency testing schemes
- Fast and secure submission of your results via ODIN
- Online access to individual customers reports and certificates



You can also use the following pages as a registration form or download them on our homepage:

[Proficiency testing 2025 - Environmental-testing and EMC](#)



For questions and suggestions do not hesitate to contact us!

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Art. no.	Standard	Proficiency testing type <sup>[A]</sup>	Period	To view pricing information:
in cooperation with:  and 				
<a href="#">Login or register</a>				
<b>Environmental testing</b>				
2011035	<b>IEC 60068-2-6, -2-64</b>	<input type="checkbox"/> Vibration	Mar-25	
2011107	<b>IEC 60068-2-6, -2-64 (round 2)</b>	<input type="checkbox"/> Vibration	Jan-25	
2011196	<b>IEC 60068-2-6, -2-64 (round 3)</b>	<input type="checkbox"/> Vibration	Jan-25	
2011034	<b>IEC 60068-2-27</b>	<input type="checkbox"/> Shock	May-25	
2011194	<b>IEC 60068-2-14</b>	<input type="checkbox"/> Change of temperature - Test N	Mar-25	
2011195	<b>IEC 60068-2-30, -2-38</b>	<input type="checkbox"/> Damp heat and temperature-humidity cyclic	Mar-25	
2011250	<b>IEC 60068-2-30, -2-38 (round 2)</b>	<input type="checkbox"/> Damp heat and temperature-humidity cyclic	May-25	
<b>Electromagnetic compatibility (EMC)</b>				
<b>Part I - Radiated emissions / disturbance:</b>				
2011065	<b>RTCA DO-160 (sec. 21)</b>	<input type="checkbox"/> Emission of Radio Frequency Energy 2 MHz - 6 GHz	Apr-25	
2011066	<b>MIL-STD461 (RE102) - AECTP 500 (NRE02) - VG95373-12 (SA04G)</b>	<input type="checkbox"/> Radiated Emissions - Electric Field 10 kHz - 18 GHz	Aug-25	
2011072	<b>CISPR 25</b>	<input type="checkbox"/> Radiated emissions assemblies - Anechoic chamber 150 kHz - 6 GHz	Aug-25	
2011074	<b>UN ECE R10 (6.5, 6.6)</b>	<input type="checkbox"/> Broadband and narrowband electromagnetic interference (ESA) - 30 MHz - 1 GHz (BB and NB)	Aug-25	
2010931	<b>CISPR 16-2-3 - EN 55016-2-3 - EN 55011</b>	<input type="checkbox"/> Radiated disturbance 30 MHz - 6 GHz Antenna distance 3 m, (EN 55011 up to 1 GHz)	Apr-25	
<b>Part II - Radiated susceptibility:</b>				
2011077	<b>RTCA DO-160 (sec. 20)</b>	<input type="checkbox"/> Radio Frequency Susceptibility (Radiated) 100 MHz - 8 GHz   test level: Cat R	Apr-25	
2011078	<b>MIL-STD461 (RS103) - AECTP 500 (NRS02) - VG95373-13 (SF03G)</b>	<input type="checkbox"/> Radiated susceptibility - electric field 10 kHz - 40 GHz   test level: 50 V/m	Aug-25	
2011084	<b>ISO 11452-2</b>	<input type="checkbox"/> Electrical disturbances - Absorber-lined shielded enclosure 200 MHz - 6 GHz   Limit value / test level: bis 100 V/m	Aug-25	
2011085	<b>UN ECE R10 (6.8)</b>	<input type="checkbox"/> Immunity (ESA) - electromagnetic radiation - free field 20 MHz - 2000 MHz   Limit value / test level: 30 V/m	Aug-25	
2010933	<b>IEC 61000-4-3</b>	<input type="checkbox"/> Radiated, radio-frequency, electromagn. field immunity 80 MHz - 6 GHz   Limit value / test level: 10 V/m, 3 V/m	Apr-25	
<b>Part III - Conducted emissions / disturbance:</b>				
2011054	<b>CISPR 16-2-1 - EN 55016-2-1 - EN 55011</b>	<input type="checkbox"/> Conducted disturbance 150 kHz - 30 MHz	May-25	
2011240	<b>CISPR 25</b>	<input type="checkbox"/> Conducted disturbances 150 kHz - 108 MHz	Oct-25	
2011241	<b>RTCA DO-160 (sec. 21)</b>	<input type="checkbox"/> Conducted RF emissions 10 kHz - 200 MHz	Oct-25	
2011242	<b>MIL-STD461 (CE101)</b>	<input type="checkbox"/> Conducted emissions, audio frequency currents, power leads 30 Hz to 10 kHz	Oct-25	
2011243	<b>MIL-STD461 (CE102)</b>	<input type="checkbox"/> Conducted emissions, audio frequency currents, power leads 10 kHz to 10 MHz	Oct-25	
2011244	<b>ISO 7637-2 - UN ECE R10 (6.7)</b>	<input type="checkbox"/> Emission of transient conducted disturbances on supply lines slow (ms) and fast (ns und µs) pulses	Oct-25	

Art. no.	Standard	Proficiency testing type <sup>[A]</sup>	Period	To view pricing information:
<b>Electromagnetic compatibility (EMC):</b>				<a href="#">Login or register</a>
<b>Part IV - Conducted susceptibility:</b>				
2011055	<b>IEC 61000-4-2</b>	<input type="checkbox"/> Electrostatic discharge immunity	May-25	
2011057	<b>IEC 61000-4-4</b>	<input type="checkbox"/> Electrical fast transient immunity	May-25	
2011058	<b>IEC 61000-4-5</b>	<input type="checkbox"/> Surge immunity	May-25	
2011059	<b>IEC 61000-4-6</b>	<input type="checkbox"/> Immunity - conducted disturbances (radio-frequency fields)	May-25	
2011060	<b>IEC 61000-4-8</b>	<input type="checkbox"/> Power frequency magnetic field immunity	May-25	
2011061	<b>IEC 61000-4-9</b>	<input type="checkbox"/> Impulse magnetic field immunity	May-25	
2011063	<b>IEC 61000-4-11</b>	<input type="checkbox"/> Voltage dips, short interruptions, voltage variations immunity	May-25	
2011245	<b>ISO 11452-4 - UN ECE R10 (6.8)</b>	<input type="checkbox"/> Immunity (ESA) - bulk current injection (BCI) 10 kHz - 400 MHz	Oct-25	
2011246	<b>RTCA DO-160 (sec. 20)</b>	<input type="checkbox"/> Conducted Susceptibility (BCI) 10 kHz - 400 MHz	Oct-25	
2011247	<b>MIL-STD461 (CS114)</b>	<input type="checkbox"/> Conducted susceptibility, bulk cable injection (BCI) 4 kHz - 200 MHz	Oct-25	
2011248	<b>ISO 7637-2 - UN ECE R10 (6.9)</b>	<input type="checkbox"/> Transient disturbances conducted along supply lines Pulse 1, 2a, 2b, 3a, 3b und 4	Oct-25	
2011249	<b>ISO 10605 (8.3)</b>	<input type="checkbox"/> Electrostatic discharge (powered-up direct discharges)	May-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

**Additional samples** are required for the following tests:

Quantity	Art.- No./ Proficiency testing type
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**If you register for a large number of Proficiency tests  
please contact us for special prices!**

- An offer with the total costs is needed  
 A Purchase order from the purchasing department will follow

Registration by mail: [info@DRRR.de](mailto:info@DRRR.de)

Hereby we confirm obligatorily the participation in the above mentioned test(s)  
and the order for the additional sample sets.

**company**

**company (additional line)**

**contact person**

**street**

**post-code /city**

**country (if not Germany)**

**e-mail**

**VAT-ID-No. (only EU)**

date:

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