


QR-020	EMC Price List			
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### 1. Emission:

Code	Test-description	Related Standards	Remarks	Time (estimated)	Price <sup>1</sup> (EUR) (excl. VAT)
EMC-ECD EMC-ECDa	Conducted disturbances (Disturbance voltages) 9kHz to 30MHz	<ul style="list-style-type: none"> <li>• EN 55011</li> <li>• EN 55014-1</li> <li>• EN 55015</li> <li>• EN 55022</li> </ul>	On AC mains-cable (1 phase) and load and/or additional terminals	max. 1h	<b>200 €</b> (40 € per add. terminal / artificial hand)
EMC-ERMD	Radiated magnetic disturbances 9kHz to 30MHz	<ul style="list-style-type: none"> <li>• EN 55011</li> <li>• EN 55015</li> </ul>	With 2m loop antenna system (Van Veen) on enclosure	max. 1h	<b>230 €</b>
EMC-ECM EMC-ECMa	Common mode terminal voltages (CDN) 30 to 300MHz	<ul style="list-style-type: none"> <li>• EN 55015</li> </ul>	On AC mains-cable (1 phase) and/or control terminals	max. 1h	<b>200 €</b> (40 € per add. terminal)
EMC-EDP	Disturbance power 30 to 300MHz	<ul style="list-style-type: none"> <li>• EN 55014-1</li> </ul>	With clamp rail on AC mains-cable	max. 2h	<b>230 €</b>
EMC-ERDL	Radiated disturbances 30 MHz to 300MHz	<ul style="list-style-type: none"> <li>• EN 55015</li> </ul>	In Anechoic Chamber on enclosure	max. 2h	<b>230 €</b>
EMC-ERDM	Radiated disturbances 30MHz to 1GHz	<ul style="list-style-type: none"> <li>• EN 55011</li> <li>• EN 55014-1</li> <li>• EN 55022</li> </ul>	In Anechoic Chamber on enclosure	max. 3h	<b>460 €</b>
EMC-ERDH	Radiated disturbances 30MHz to 6/18GHz	<ul style="list-style-type: none"> <li>• EN 55011</li> <li>• EN 55014-1</li> <li>• EN 55022</li> </ul>	In Anechoic Chamber on enclosure	max. 5h	<b>660 €</b>
EMC-EHC	Harmonic current emissions 0 to 2kHz	<ul style="list-style-type: none"> <li>• EN 61000-3-2</li> </ul>	On AC mains-cable (1 phase)	max. ½-2h	<b>150 €</b>
EMC-EVFF	Voltage fluctuations and flicker	<ul style="list-style-type: none"> <li>• EN 61000-3-3</li> </ul>	On AC mains-cable (1 phase)	max. ½-2h	<b>150 €</b>

### 2. Immunity:

Code	Test-description	Related Standards	Remarks	Time (estimated)	Price (EUR) (excl. VAT)
EMC-IESD	Electrostatic discharge (ESD)	<ul style="list-style-type: none"> <li>• EN 61000-4-2</li> </ul>	On enclosure	max. 2h	<b>200 €</b>
EMC-IRFL	Radiated, radio-frequency electro-magnetic field 80MHz to 1GHz	<ul style="list-style-type: none"> <li>• EN 61000-4-3</li> </ul>	In Anechoic Chamber on enclosure	max. 3h	<b>460 €</b>
EMC-IRFH	Radiated, radio-frequency electro-magnetic field 80MHz to 6GHz	<ul style="list-style-type: none"> <li>• EN 61000-4-3</li> </ul>	In Anechoic Chamber on enclosure	max. 5h	<b>660 €</b>
EMC-IEFT EMC-IEFTa	Electrical fast transients / bursts	<ul style="list-style-type: none"> <li>• EN 61000-4-4</li> </ul>	On all ports	max. 1,5h	<b>160 €</b> (incl. 2 ports; 40 € per add. port)
EMC-ISG EMC-ISGa	Surge	<ul style="list-style-type: none"> <li>• EN 61000-4-5</li> </ul>	On input and output AC & DC power ports On ports for process, measurement and control lines	max. 2,5h	<b>190 €</b> (incl. 2 ports; 45 € per add. port)
EMC-ICRF EMC-ICRFa	Conducted disturbances induced by radio frequency fields 150kHz to 80/230MHz	<ul style="list-style-type: none"> <li>• EN 61000-4-6</li> </ul>	On all ports	max. 1,5h	<b>230 €</b> (incl. 2 ports; 70 € per add. port)
EMC-IMF	Power frequency magnetic fields 50Hz	<ul style="list-style-type: none"> <li>• EN 61000-4-8</li> </ul>	With induction coil on enclosure	max. ½h	<b>120 €</b>
EMC-IDIP	Voltage dips, short interruptions and voltage variations	<ul style="list-style-type: none"> <li>• EN 61000-4-11</li> </ul>	On input and output AC power ports	max. ½h	<b>120 €</b>

All former price lists become invalid!

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### 3. Test Report costs:

Code	Description	Time (estimated)	Price (EUR) (excl. VAT)
EMC-REP	Detailed Test Report with photo-documentation (printed or PDF version)	max. 3h	275 €
EMC-STAT	Report about the statistical evaluation of a test sample	max. 3h	250 €
EMC-REPa	Additional printed Test Report (as EMC-REP)		50 €
EMC-REPh	Test Report other than detailed (e.g. short test report)		85 €/h

### 4. Hourly and daily fees:

Code	Description	Price (EUR) (excl. VAT)
EMC-HTE	Test-Engineer with use of test-equipment, excepted of Anechoic Chamber	140 €/h
EMC-HAC	Test-Engineer with use of Anechoic Chamber and related test-equipment	220 €/h
EMC-HTR	Use of our test-equipment for Transient and Low Frequency-tests (ESD, Burst, Surge, Dips, Variations, Magnetic field, Harmonics & Flicker) without one of our engineers. The engineer will only give instructions for a limited time on how to use the equipment	50 €/h
EMC-LABh EMC-LABd	Use of all our test-equipment including Anechoic Chamber without one of our engineers. The engineer will only give instructions for a limited time on how to use the equipment	120 €/h 860 €/day
EMC-CONS	Consultancy/Engineering without measurements (e.g. for EMI-suppression, repair work, EUT modifications, etc.)	85 €/h

### 5. Various costs:

Code	Description	Calculation
EMC-TEST	EMC-Tests (e.g. general/total EMC-costs; tests performed by external lab.)	depending on work
EMC-MOD	Modifications on EUT (e.g. due to non-compliance: Material-costs, etc.)	depending on work

### 6. Remarks:

- All prices are valid for the first examination on one item only for one operation mode/configuration.
- All prices are based on the estimated time as indicated in the columns of table 1, 2 & 3. For additional time to achieve the test or for repetition of a test, e.g. due to non-compliance, supplementary time will be charged on the fees according to table 4.
- All prices are indicated in EUR (EURO) and are without VAT (for Luxembourg 14% VAT is applicable for our services).
- All tests should be carried out with the EUT in "real-life"-mode. Therefore all accessories, necessary peripheral equipment, monitoring equipment, special loads, special cables with sockets, etc. must be placed at our disposal, as well as all technical informations concerning the EUT, accessories, peripheral equipment, monitoring equipment, etc.
- Transport and packing charges of EUT, accessories, peripheral equipment and documentation are not included in the prices and will be invoiced additionally.
- For complex EUT we recommend that the customer/manufacturer is present during the tests.
- Overtime rates exceeding ILNAS's 8-hours regular working time (Mo-Fr, 8h00-12h00, 13h00-17h00) will be invoiced with a supplement of +50% on hourly fees from table 4.
- On-Site testing (tests carried out at customers/manufacturers own premises) will be arranged between customer and ILNAS.

<sup>i</sup> A discount of 30% is applied on sample testing of at least 3 items (e.g. for statistical evaluation)

Vu et approuvé  
Luxembourg, le 13.02.2017  
  
Le Ministre de l'Economie,  
Etienne Schneider

All former price lists become invalid!

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QR-019	SAFETY Price List			
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### 1. Hourly and daily fees:

Code	Description	Price (EUR) (excl. VAT)
SAF-HTE	Test-Engineer with use of test-equipment	120 €/h
SAF-CLih	Use of our Climatic Chamber without one of our engineers; hourly fee	10 €/h
SAF-CLId	Use of our Climatic Chamber without one of our engineers; daily (24h) fee	130 €/day
SAF-OVEh	Use of our Oven without one of our engineers; hourly fee	6 €/h
SAF-OVEd	Use of our Oven without one of our engineers; daily (24h) fee	90 €/day

### 2. Test Report costs:

Code	Description	Price (EUR) (excl. VAT)
SAF-REPh	Test Report other than detailed (e.g. short test report)	85 €/h
SAF-REP	Detailed Test Report with photo-documentation (printed or PDF version)	200 €
SAF-REPa	Additional printed Test Report (as SAF-REP)	50 €

### 3. Remarks:

- This "SAFETY-Price List" is applicable for the following tests: LVD (safety tests according to the low voltage directive), TOYS (safety tests according to the toy safety directive) and GPSD (safety tests according to the general product safety directive).
- The test sequence will be performed as required by the standards. If no requirement is mentioned in the standard, the test sequence will be in line with the sequence of the clauses in the standard.
- For additional time to achieve the test or for repetition of a test, e.g. due to non-compliance, supplementary time will be charged on the fees according to table 1.
- All prices are indicated in EUR (EURO) and are without VAT (for Luxembourg 14% VAT is applicable for our services).
- All tests should be carried out with the EUT in "real-life"-mode. Therefore all accessories, necessary peripheral equipment and special cables with sockets must be placed at our disposal, as well as all technical informations concerning the EUT, accessories and peripheral equipment.
- Transport and packing charges of EUT, accessories, peripheral equipment and documentation are not included in the prices and will be invoiced additionally.
- Overtime rates exceeding ILNAS's 8-hours regular working time (Mo-Fr, 8h00-12h00, 13h00-17h00) will be invoiced with a supplement of +50% on hourly fees from table 1.

Vu et approuvé  
Luxembourg, le 22.07.2016

Le Ministre de l'Economie,  
Etienne Schneider