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Chairman of the Board

## List of Services Provided by the Estonian Accreditation Centre

**The Estonian Accreditation Centre accredits the following conformity assessment activities in the fields given below:**

**1. Testing in compliance with EVS-EN-ISO/IEC 17025 in the following fields:**

1.1. Chemical analysis (incl. fuels)

1.2. Physico-chemical tests

1.3. Electrical measurements and tests in the following subfields

- Measurements for the serving as basis for audits of electrical installations
- EMC tests
- Testing of transformer oils
- Other electrical measurements and testing

1.4 Microbiological tests

1.5 Molecular biological research

1.6 Immunochemical research

1.7 Hydrobiology research

1.8 Geotechnical tests

1.9 Environmental measurements

1.10 Measurements of working environment

1.11 Non-destructive testing

1.12 Destructive testing

1.13 Measurement of quantities

1.14 Fire prevention tests

1.15 Testing of construction products and building materials in the following subfields

- aggregates
- bituminous mixture
- bituminous binders
- concrete, concrete mix
- masonry, paving stones, lintels

- binders and dry mix
- insulation materials
- particleboards
- doors and windows
- reinforcing steels

1.16 Testing of products, fixtures and materials in the following subfields:

- testing of trailer parameters
- testing of medical devices
- analyses of precious metals
- testing of car seat belts
- testing of rails
- testing of toys
- tests serving as basis for inspections of isothermal trucks
- tests serving as basis for inspections of measuring instruments (e.g. taximeters, tachographs, temperature recorders)
- testing of masks, respiratory protective equipment

1.17 Forensic tests in the following subfields:

- toxicology
- narcotic and psychotropic substances
- gunshot residues and electron microscopy
- DNA
- fingerprints
- suspected counterfeit currency
- information technology
- handwriting

**2 Calibration according to EVS-EN-ISO/IEC in the following fields:**

2.1 Length and angle

2.2 Mass

2.3 Volume and rate

2.4 Pressure

2.5 Temperature

2.6 Force and torsion

2.7 Optical radiation

2.8 Ionizing radiation

2.9 Electrical and magnetic quantities

2.10 Frequency and time interval

2.11 Noise and vibration

2.12 Physico-chemical quantities

2.13 Motion parameters

**3. Medical research according to EVS-EN ISO 15 189 in the following fields:**

3.1. Clinical chemistry

3.2 Laboratory hematology

3.3 Immunohematology

3.4 Immunoanalysis/immunology

3.5 Clinical microbiology

3.6 Mycobacteriology

3.7 Molecular diagnostics

3.8 Cytogenetics

3.9 Molecular genetics

3.10 Cytology

3.11 Histology

3.12 Metabolic studies

3.13 Assessment of embryo quality

**4. Inspection according to EVS-EN ISO 17020 in the following fields:**

4.1 Audit of pressure equipment<sup>1</sup>

4.2 Audit of gas installation

4.3 Machine audit<sup>1</sup>

4.4 Audit of electrical installation which is classified into types:

- low voltage II+III type
- high voltage II+III type
- electrical installations of type I
- EEC assessment

4.5 ADR

4.6 RID

4.7 SMGS

4.8 Conformity assessment of transportable pressure equipment (incl.ADR and RID)

4.9 Conformity assessment of pressure equipment

4.10 Approval of making permanent joints

4.11 Conformity assessment of simple pressure vessels

4.12 Conformity assessment of lifts

4.13 Verification of measuring instruments covering the following fields

- weighing instruments
- measuring instruments of the quantity of liquids, except water
- measuring instruments of gas quantities
- water and heat meters
- alternating current measuring instruments
- measuring instruments of length
- other measuring instruments

4.14 Fertilizers

4.15 Textile products and ready-made garments

4.16 Cereals

4.17 Oilseeds

4.18 Cargo hold

4.19 Forensic examinations covering the following fields:

- Forensic examination of persons

- Forensic examination of dead bodies

4.20 Inspection of pressure equipment

4.21 Inspection of tanks, pipelines and heavy-walled elements

4.22 Inspection of boiler steel

<sup>1</sup> If the person auditing equipment is conducting conformity assessment of equivalent equipment, the conformity assessment and audit are considered as one area.

**5. Certification of products, services and processes pursuant to the requirements of EVS-EN ISO/IEC 17065 according to the following schemes:**

5.1 Construction and road construction products and materials in the following sector groups:

- cement, building lime, aggregate, mortar, concrete repair products and additives

- precast concrete products and concrete mix

- masonry

- membranes and geotextile

- road construction products

- traffic control devices

- pipes, tanks and accessories

- finishing products

- chimneys and flues

- doors and windows, incl. fire doors

- fixed fire extinguishing installations

- glass

- timber structures

- wood-based panels

- charcoal

- metal structures

5.2 Liquid fuel in the following types of fuel:

- petrol

- diesel fuel

- ethanol E85

- ethanol as a mixture ingredient in motor fuel
- fatty acid methyl esters (FAME)
- light fuel oil
- heavy fuel oil
- shale oil
- welding processes
- pre-package
- translation services
- PEFC timber supply chain
- compost
- fermentation residue
- conformity assessment of pressure equipment
- conformity assessment of simple pressure vessels
- conformity assessment of equipment burning gaseous fuels
- conformity assessment of lifts
- EEC conformity assessment

**6. Certification of persons pursuant to the requirements of EVS-EN ISO/IEC 17024 according to the following schemes:**

6.1 Approval of persons making permanent joints/ Certification of welders, welding operators, solderers, operators of soldering devices involves additionally the following schemes:

- welder
- welding operator
- solderer, operator of soldering devices

6.2 Electricity (person in the field of electricity)

6.3 Pressure equipment (supervisor of use, person performing equipment work, person auditing)

6.5 Machinery (supervisor of use, person performing equipment work, person auditing)

**7. Certification of management systems pursuant to the requirements of EVS-EN ISO/IEC 17021-1 according to the following schemes:**

7.1. Quality Management Systems (QMS; ISO 9001)

7.2 Environmental Management Systems (EMS; ISO 14001)

7.4 Occupational Health and Safety Management Systems (OHSAS; ISO 18001; ISO 45001)

7.5 PEFC Forest Management Systems

**8. Verification of greenhouse gas emission pursuant to the requirements of EVS-EN ISO 14065 and Regulation (EU) No 2018/2067 in the following fields:**

8.1 Combustion of fuel in installations (activity group according to Annex 1 of Regulation (EU) No 600/2012 – No 1a)

8.2 Combustion of fuel in installations, without restrictions (1b)

8.3 Refining of mineral oil (2)

8.4 Production of cement clinker, production of lime, manufacture of glass, including glass fibre, manufacture of ceramic products by burning (6)

8.5 Production of pulp from timber or other fibrous materials, production of paper or cardboard (7)

8.6 Production of ammonia (8)

8.7 Other activity groups pursuant to the requirements of article 10a of the Directive 2003/87/EC(98)

**9. Environmental verification pursuant to the requirements of EMAS Regulation (EU) no 1221/2009/EC.**

**10. Organisation of proficiency tests pursuant to the requirements of EVS-EN ISO/IEC 17043 in the following fields:**

10.1 Chemical analyses of water

10.2 Chemical analyses of sewage sludge

**11 Conformity assessment pursuant to the European Union legislation according to the following legal acts:**

11.1 Construction products, Regulation No 305/2011/EU

11.2 Lifts and safety components for lifts, directive 2014/33/EU (modules E, G, final inspection of a lift)

11.3 Pressure equipment, directive 2014/68/EU (modules A2, B, C2, D, D1, E, E1, F, G, H1, approval of the procedure of making permanent joints, approval of person making permanent joints)

11.4 Simple pressure vessels, directive 2014/29/EU (modules B, C, C1, C2)

11.5 Transportable pressure equipment, directives 2008/68/EC and 2010/35/EU

11.6 Appliances burning gaseous fuel, directive 2016/426/EU (modules B, C2)

11.7 Measuring instruments, directive 2014/32/EU (modules F, G)

11.8 Non-automatic weighing instruments, directive 2014/31/EU (modules F, G)

#### 11.9 Electromagnetic compatibility, directive 2014/30/EU (module B)

<sup>2</sup> The accreditation standards that serve as bases for conformity assessment activities pursuant to regulations and directives are provided in the EAK guidelines of different areas.

The price categories of conformity assessments pursuant to the EU legislation are determined according to the divisions provided by relevant accreditation standards.

#### **The Estonian Accreditation Centre assesses and attests the professional competence of measurers in the following fields:**

1. Measuring of the quantity of excise goods and the content of ethanol according to the Alcohol, Tobacco, Fuel and Electricity Excise Duty Act
2. Measurements serving as basis for technical inspections of tachographs according to the Traffic Act
3. Measuring of quantities of goods according to the Customs Act
4. Issuing international certificates for the mass of vehicles according to the Customs Act
5. Measurements serving as basis for the adaptation of taximeters according to the Public Transport Act
6. Measurements serving as basis for the assessment of road construction quality according to the Regulation of the Minister of Economic Affairs and Infrastructure 'Requirements for quality of road construction work'
7. Measuring of noise spreading in ambient air according to the Atmospheric Air Protection Act
8. Measuring of radon content in the air of workrooms according to the Radiation Act
9. Measurements serving as basis for the audit of electrical installations according to the Equipment Safety Act

#### **The Estonian Accreditation Centre performs the tasks of the inspection body of good laboratory practice provided in the Chemicals Act.**