



CZECH ACCREDITATION INSTITUTE

## PT PROGRAMMES AND EQA SCHEMES FOR 2017

This document provides information on proficiency testing (PT) programmes for testing and calibration laboratories and external quality assessment (EQA) schemes for medical laboratories available in the Czech Republic in 2017.


CAI does not prescribe in which PT programmes /EQA schemes laboratories should take part in, and accepts laboratory participation in both national and international PT programmes /EQA schemes which are open and transparent (i.e. they provide necessary information about the organisation, implementation and evaluation of PT/EQA, including reporting of results). The laboratory should review in advance the possibilities of participation at PT/EQA and perform the analysis for selection of a suitable PT/EQA programme in accordance with the policy and procedures determined in MPA 30-03-...,

**CAI recommends participation preferably in PT programmes /EQA schemes which PT providers are accredited for this activity according to the international standard EN ISO/IEC 17043 “Conformity assessment – General requirements for proficiency testing”.**




The laboratory should in advance - comply with the policy and procedures set out in a document MPA 30-03-.. - to explore the possibility of participation in PT / EHK and perform analysis to select the appropriate program.




### 1. List of accredited PT/EQA providers



#### A. Calibration



Provider	Contact person	Scope of proficiency testing
<p><b>Czech Metrology Institute</b> Department of Legal Metrology - Section for Interlaboratory Comparisons Okružní 31, 638 00 Brno <a href="http://www.cmi.cz">www.cmi.cz</a></p> 	<p>RNDr. Simona Klenovská tel.: +420 545 555 157 fax: +420 548 523 049 e-mail: <a href="mailto:sklenovska@cmi.cz">sklenovska@cmi.cz</a></p>	<p>PT programs in the field of calibrations (physical quantities):</p> <p><a href="https://www.cmi.cz/interlaboratory_comparison?language=en">https://www.cmi.cz/interlaboratory_comparison?language=en</a></p>



## B. Testing and medical examination


Provider	Contact person	Scope of proficiency testing/EHK
<p><b>ALME,</b> Jenečská 146/44, 161 00 Praha 6 <a href="http://www.alme.cz">www.alme.cz</a></p> 	<p>Zuzana Baloušková tel.: +420 220 560 200 e-mail: <a href="mailto:laborator@empla.cz">laborator@empla.cz</a></p>	<p>PT Programmes in the field of emission measurements</p> <p><a href="http://www.alme.cz">www.alme.cz</a></p>
<p><b>ASPK, s.r.o.</b> Jílkova 1634/76 615 00 Brno <a href="http://www.silvyvoj.cz/aspk.htm">www.silvyvoj.cz/aspk.htm</a></p> 	<p>Ing. René Uxa tel.: +420 548 424 217 fax: +420 548 424 210 e-mail: <a href="mailto:aspk@silvyvoj.cz">aspk@silvyvoj.cz</a></p>	<p>PT programmes in the field of basic tests of bituminous binding agents, bituminous mixtures, aggregates, soil, unbound and hydraulically bound mixtures and tests of finished treatments (structural layers of roads).</p> <p><a href="http://www.silvyvoj.cz/aspk_MPZ_1.htm">http://www.silvyvoj.cz/aspk_MPZ_1.htm</a></p>
<p><b>CSlab spol. s r.o.</b> Bavorská 856, 155 00 Praha 5 <a href="http://www.cslab.cz">www.cslab.cz</a></p> 	<p>Ing. Alena Nižnanská tel.: +420 224 453 124 +420 777 970 693 fax: +420 224 453 124 e-mail: <a href="mailto:cslab@cslab.cz">cslab@cslab.cz</a></p>	<p>PT programmes in the field of physical-chemical and chemical testing of water, air, soil, sediments, sludge, waste, microbiological and biological testing of water, eco-toxicological testing, sampling of water, sludge, sediments, waste and sensory analysis of water</p> <p><a href="http://www.cslab.cz">http://www.cslab.cz</a></p>

Provider	Contact person	Scope of proficiency testing/EHK
<p><b>EKOLA group, spol. s r. o.</b>  <b>PT provider EKOLA group</b>  Mistrovská 4,  108 00 Praha 10  <a href="http://www.ekolagroup.cz">www.ekolagroup.cz</a></p> 	<p>RNDr. Libuše Bartošová  Tel.: +420 373 730 877  +420 776 112 773  e-mail:  <a href="mailto:libuse.bartosova@ekolagroup.eu">libuse.bartosova@ekolagroup.eu</a>;  <a href="mailto:ekola@ekolagroup.cz">ekola@ekolagroup.cz</a></p>	<p>PT programmes for measurement of noise,  sound insulation, artificial illumination and vibrations.</p> <p><a href="http://www.ekolagroup.cz/cs/sluzby/zkouskyzpusobilosti/">http://www.ekolagroup.cz/cs/sluzby/zkouskyzpusobilosti/</a></p>
<p><b>ATG s.r.o. (ADVANCED TECHNOLOGY GROUP, spol. s r.o.)</b>  Matějská 2416,  160 00 Praha 6  <a href="http://www.atg.cz">www.atg.cz</a></p> 	<p>Ing. Václav Jandura, Ph.D.  Tel+420. 273 037 611  e-mail:<a href="mailto:atg@atg.cz">atg@atg.cz</a></p>	<p>PT programmes in the field of non-destructive testing (NDT)</p> <p><a href="http://www.atg.cz/ndt-908&amp;display=MLZZ">http://www.atg.cz/ndt-908&amp;display=MLZZ</a></p>
<p><b>Ing. Iva Bogumská – SPL</b>  1. máje 432  735 31 Bohumín 3  <a href="http://www.spl-bohumin.cz">www.spl-bohumin.cz</a></p> 	<p>Ing. Iva Bogumská  tel./fax: +420 596 014 627  e-mail: <a href="mailto:info@spl-bohumin.cz">info@spl-bohumin.cz</a></p>	<p>PT programmes in the field of evaluation of quality parameters of metals and their alloys and auxiliary materials in metallurgical and industrial analytic processes.</p> <p><a href="http://www.spl-bohumin.cz/files/plan_pt_2017_eng.pdf">http://www.spl-bohumin.cz/files/plan_pt_2017_eng.pdf</a></p>

Provider	Contact person	Scope of proficiency testing/EHK
<p><b>Skupina zkoušení způsobilosti ORGREZ, a.s.</b>  (Proficiency Testing Group, ORGREZ, a.s.)  Ambient Air Monitoring and Fuel Analysis Division  Budovatelů 2531  434 01 Most  <i>Headquarters:</i>  Hudcova 321/76  612 00 Brno – Medlánky  <a href="http://www.orgrez.cz">http://www.orgrez.cz</a></p> 	<p>Mgr. Jan Pomahač  Mobil: +420 602 749 810  tel.: +420 476 702 785  +420 476 702 207  e-mail: <a href="mailto:jan.pomahac@orgrez.cz">jan.pomahac@orgrez.cz</a></p>	<p>PT programmes in testing of fossil solid fuels (coal).   <a href="http://www.orgrez.cz/en/services/proficiency-testing/">http://www.orgrez.cz/en/services/proficiency-testing/</a></p>
<p><b>SEKK, s.r.o.</b>  <b>Za Pasáží 1609,</b>  530 02 Pardubice, Zelené Předměstí  <a href="http://www.sekk.cz">www.sekk.cz</a></p> 	<p>Ing. Marek Budina  tel.: +420 466 530 230  e-mail: <a href="mailto:sekk@sekk.cz">sekk@sekk.cz</a></p>	<p>PT programmes / EQA schemes in the field of clinical biochemistry and nuclear medicine, haematology/ blood transfusion, pathology, allergology and immunology.   <a href="http://www.sekk.cz/">http://www.sekk.cz/</a></p>

Provider	Contact person	Scope of proficiency testing/EHK
<p><b>Státní zdravotní ústav (National Institute of Public Health)</b> Expert group for proficiency testing Šrobárova 48, 100 42 Praha 10</p> <p><a href="http://www.szu.cz/espt">www.szu.cz/espt</a></p> 	<p>Ing. Věra Vrbíková tel.: +420 267 082 270 e-mail: <a href="mailto:vera.vrbikova@szu.cz">vera.vrbikova@szu.cz</a></p> <p>Mgr. Petr Pumann tel: +420 267 082 220 e-mail: <a href="mailto:petr.pumann@szu.cz">petr.pumann@szu.cz</a></p> <p>RNDr. Danuše Očadlíková tel: +420 267 082 340 e-mail: <a href="mailto:danuse.ocadlikova@szu.cz">danuse.ocadlikova@szu.cz</a></p> <p>Ing. Zdeněk Jandák, CSc. tel. +420 267 082 683 e-mail. <a href="mailto:zdenek.jandak@szu.cz">zdenek.jandak@szu.cz</a></p> <p>MUDr. Barbora Macková tel. +420 267 082 101 e-mail. <a href="mailto:barbora.mackova@szu.cz">barbora.mackova@szu.cz</a></p>	<p>PT programmes for chemical and physical testing of ambient, indoor air and workplace air quality.</p> <p>PT programmes for chemical, microbiological and biological testing of drinking and surface water quality, sensory analysis of water and sampling of drinking and bathing water</p> <p>PT programmes for testing of chromosome aberrations in human peripheral blood lymphocytes.</p> <p>PT programmes for sound pressure measurement.</p> <p>EQA schemes for determination of microbial agents, their antigens, antibodies and nucleic acids, antibiotic and virostatic resistance, effectiveness of disinfectants and pesticides, insecticides and sterilization equipment.</p> <p><a href="http://www.szu.cz/espt">http://www.szu.cz/espt</a></p>
<p><b>Studio D – akustika s.r.o.,</b> U Sirkárny 467/2a 370 04 České Budějovice</p> <p><a href="http://www.akustikad.com">www.akustikad.com</a></p> 	<p>Ing. Jana Dolejší tel.: +420 737 705 636 fax: +420 387 202 590 e-mail: <a href="mailto:akustikad@akustikad.com">akustikad@akustikad.com</a></p>	<p>PT programmes for measurement of noise, sound insulation and vibrations.</p> <p><a href="http://www.proficiencytesting.cz/">http://www.proficiencytesting.cz/</a></p>

Provider	Contact person	Scope of proficiency testing/EHK
<p><b>Ústřední kontrolní a zkušební ústav zemědělský (Central Institute for Supervising and Testing in Agriculture)</b> National Reference Laboratory Department of Proficiency Testing Programmes, Hroznová 2, 656 06 Brno <a href="http://www.ukzuz.cz">www.ukzuz.cz</a></p> 	<p>RNDr. Jaroslava Srnková tel.: +420 543 548 220 fax: +420 543 210 444 e-mail: <a href="mailto:mpz@ukzuz.cz">mpz@ukzuz.cz</a></p>	<p>PT programmes for chemical testing of soils, sludge and sediments, feedstuff and plant material</p> <p><a href="http://eagri.cz/public/web/en/ukzuz/portal/laboratories/proficiency-testing/plan-of-proficiency-testing-2017.html">http://eagri.cz/public/web/en/ukzuz/portal/laboratories/proficiency-testing/plan-of-proficiency-testing-2017.html</a></p>
<p><b>Vysoké učení technické v Brně (Brno University of Technology)</b> Faculty of Civil Engineering Institute of Construction Testing Engineering Veveří 95 602 00 Brno</p> 	<p>Ing. Tomáš Vymazal, Ph.D. tel.: +420 541 147 818 fax: +420 541 321 047 e-mail: <a href="mailto:vymazal.t@fce.vutbr.cz">vymazal.t@fce.vutbr.cz</a></p>	<p>PT programmes in construction testing of fresh and hardened concrete, aggregates, soil, unbound and hydraulically bound mixtures, mortar, cements, fine-grained cement composites, masonry units and steel.</p> <p>Proficiency testing schemes in construction testing of structural timber and plastic (this out of the scope of accreditation)</p> <p><a href="http://www.szk.fce.vutbr.cz/en/index.php">http://www.szk.fce.vutbr.cz/en/index.php</a></p>

Provider	Contact person	Scope of proficiency testing/EHK
<p><b>Zdravotní ústav se sídlem v Ostravě (Public Health Institute in Ostrava),</b>  Centre of Hygienic Laboratories,  Ostrava, Proficiency Testing  Provider  Partyzánské nám. 2633/7, 702 00  Ostrava, Moravská Ostrava</p> 	<p>Ing. Martin Demel  tel.: +420 737 233 669  fax : +420 596 118 661  e-mail: <a href="mailto:martin.demel@zuova.cz">martin.demel@zuova.cz</a></p> <p>RNDr. Jana Habalová  Tel.: +420 461 573 858,  +420 724 335 328  e-mail: <a href="mailto:jana.habalova@zuova.cz">jana.habalova@zuova.cz</a></p>	<p>Measurement of artificial lighting, proficiency test item: Artificial lighting systém</p> <p>Sampling and determination of volatile organic compounds, proficiency test item: Working air</p> <p><a href="http://www.zuova.cz/Home/Page/zkouseni-zpusobilosti">http://www.zuova.cz/Home/Page/zkouseni-zpusobilosti</a></p>

2. Other PT/EQA providers (non-accredited, for information only)

Provider	Contact person	Scope of proficiency testing/EHK
<p><b>MILCOM a.s.</b> Ke Dvoru 12a 160 00 PRAHA 6</p>	<p>Ing. Ondřej Elich tel.: +420 235 354 551, +420 731 325 213 fax: +420 235 358 107 e-mail: <a href="mailto:elich@milcom-as.cz">elich@milcom-as.cz</a></p>	<p>Determination of basic compounds of milk dry matter – (fat, protein, lactose, dry matter) For milk, skimmed milk, cream</p> <p>Interlaboratory comparison of cryoscopes for determination of the freezing point of milk in the range -0.408 °C to -0.600 °C</p> <p>Microbiological analysis of milk – determination: Total number of micro-organisms Coliform bacteria <i>Escherichia coli</i> Bacteria of the <i>Enterobacteriaceae</i> family Yeast</p> <p><a href="http://www.milcom-as.cz/vum-alaktoflora/sluzby/kruhove-testy.html">http://www.milcom-as.cz/vum-alaktoflora/sluzby/kruhove-testy.html</a></p>
	<p>Ing. Ondřej Suchý, Ph.D. tel: 950810106 e-mail: <a href="mailto:ondrej.suchy@tupo.izscr.cz">ondrej.suchy@tupo.izscr.cz</a></p>	<p>Determination of combustibility of solid materials</p> <p>Determination of solid substances and materials behavior during heating by differential scanning calorimetry under atmospheric pressure</p>
<p><b>V-GR HZS ČR</b> (Ministry of Interior – General Directorate of the Fire Rescue Service) Technický ústav PO (Fire Technical Institute) Písková 42 143 01 Praha 4</p>	<p>Ing. Ondřej Suchý, Ph.D. tel: 950810106 e-mail: <a href="mailto:ondrej.suchy@tupo.izscr.cz">ondrej.suchy@tupo.izscr.cz</a></p>	<p>Determination of combustibility of solid materials</p> <p>Determination of solid substances and materials behavior during heating by differential scanning calorimetry under atmospheric pressure</p>



Provider	Contact person	Scope of proficiency testing/EHK
<p><b>Ústav hematologie a krevní transfuze (Institute of Hematology and Blood Transfusion),</b> National Reference Laboratory for DNA Diagnostics U Nemocnice 1 128 20 Praha 2 <a href="http://www.uhkt.cz">www.uhkt.cz</a></p>	<p>Mgr. Hana Žižková, Ph.D. Tel.: +420 221 977 221 e-mail: <a href="mailto:hana.zizkova@uhkt.cz">hana.zizkova@uhkt.cz</a></p> <p>Mgr. Hana Čechová tel: +420 221 977 308, +420 221 977 117 fax: +420 221 977 317 e-mail: <a href="mailto:hana.cechova@uhkt.cz">hana.cechova@uhkt.cz</a></p> <p>Ing. Milena Vraná tel: +420 221 977 484 e-mail: <a href="mailto:milena.vrana@uhkt.cz">milena.vrana@uhkt.cz</a></p> <p>Mgr. Václava Polívková tel.:+420 221 977 221 e-mail: <a href="mailto:Vendula.Polivkova@uhkt.cz">Vendula.Polivkova@uhkt.cz</a></p> <p>Mgr. Kateřina Machová Poláková, Ph.D. tel: +420 221 977 181 e-mail: <a href="mailto:katerina.machova@uhkt.cz">katerina.machova@uhkt.cz</a></p>	<p>Diagnostic examination of BCR-ABL fusion gene</p> <p>Quantitative examination of cell chimerism after allogeneic hematopoietic stem cell transplantation.</p> <p>Detection of HLA alleles associated with diseases</p> <p>Quantification of BCR-ABL transcript</p> <p>Detection of BCR-ABL kinase domain mutation <a href="http://www.uhkt.cz/laboratore/kontroly-kvality">www.uhkt.cz/laboratore/kontroly-kvality</a></p>

Contact:

Ing. Eva Klokočnicková  
Czech Accreditation Institute, public service company  
Olšanská 54/3, 130 00 Praha 3  
e-mail: [klokocnikovae@cai.cz](mailto:klokocnikovae@cai.cz)

tel.: +420 272 096 213  
fax: +420272 096 222

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