



National Accreditation Body

**CZECH ACCREDITATION INSTITUTE**  
public service company

## PROFICIENCY TESTING PROGRAMMES AND EXTERNAL QUALITY ASSESSMENT SCHEMES FOR 2015


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 2015. CAI does not prescribe which PT programmes /EQA schemes laboratories are to take part in, and accepts laboratory participation in both the 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 introduction 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 in PT programmes /EQA schemes which comply as far as possible with international requirements given in EN ISO/IEC 17043 “Conformity assessment – General requirements for proficiency testing”. Such programmes are mainly those offered by PT providers accredited for this activity according to the above mentioned document.**




(<http://www.cai.cz/Download.ashx?Type=Document&Id=5136>)




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



#### A. Plan for calibration laboratories




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><b>Z 7002</b></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="http://www.cmi.cz/index.php?dwn=1&amp;par=4957&amp;wdc=112&amp;lang=2">http://www.cmi.cz/index.php?dwn=1&amp;par=4957&amp;wdc=112&amp;lang=2</a></p>


## B. Plan for testing and medical laboratories

Provider	Contact person	Scope of proficiency testing/EHK
<p>ALME, 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>ASPK, s.r.o. Jílkova 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 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>CSlab spol. s r.o. 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 and sludge 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>Provision of proficiency testing schemes 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_2015_eng.pdf">http://www.spl-bohumin.cz/files/plan_pt_2015_eng.pdf</a></p>

Provider	Contact person	Scope of proficiency testing/EHK
<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            fax: +420 466 530 824            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, allergology and immunology.</p> <p><a href="http://www.sekk.cz/eqa/2015_N_CZ.pdf">http://www.sekk.cz/eqa/2015_N_CZ.pdf</a></p>
<p><b>Státní zdravotní ústav</b>  <b>(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:vrbikova@szu.cz">vrbikova@szu.cz</a></p> <p>Mgr. Petr Pumann (water)            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:ocadlikova@szu.cz">ocadlikova@szu.cz</a></p> <p>Ing. Zdeněk Jandák, CSc.            tel. +420 267082683            e-mail. <a href="mailto:zjand@szu.cz">zjand@szu.cz</a></p> <p>Ing. Ivan Peter            tel. +420 267082246            e-mail. <a href="mailto:ipeter@szu.cz">ipeter@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>Sound pressure measurement, bilateral comparison.</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>

Provider	Contact person	Scope of proficiency testing/EHK
<p><b>Studio D – akustika s.r.o.,</b> U Sirkárny 467/2a 370 04 České Budějovice <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.  <a href="http://www.akustikad.com/pt-a-seminar-akustika-2015/">http://www.akustikad.com/pt-a-seminar-akustika-2015/</a></p>
<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  <a href="http://eagri.cz/public/web/en/ukzuz/portal/laboratories/proficiency-testing/">http://eagri.cz/public/web/en/ukzuz/portal/laboratories/proficiency-testing/</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 <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.  Proficiency testing schemes in construction testing of structural timber and plastic (this out of the scope of accreditation)  <a href="http://www.szk.fce.vutbr.cz/en/index.php">http://www.szk.fce.vutbr.cz/en/index.php</a></p>

<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 <a href="mailto:jana.habalova@zuova.cz">jana.habalova@zuova.cz</a></p>	<p>PT1 UO-15 Measurement of artificial lighting, proficiency test item: Artificial lighting systém, april 2015</p> <p><a href="http://www.zuova.cz">www.zuova.cz</a></p> <p>PT2 TOL-15 Sampling and determination of volatile organic compounds, proficiency test item: Working air, October 2015</p>
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## 2. Other PT/EQA providers (non-accredited, for information only)

<p><b>Ústav hematologie a krevní transfuze (Haematology and Blood Transfusion Institute),</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 221977308, 221977117 fax: +420 221977317 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. Karla Zemanová, Ph.D. tel.: +420 221 977 221 e-mail: <a href="mailto:karla.zemanova@uhkt.cz">karla.zemanova@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 cellular chimerism after alogenuous transplantation of haematopoietic stem cells</p> <p>Detection of HLA alleles linked with diseases</p> <p>Determination of BCR-ABL transcripts level</p> <p>Detection of mutations in the BCR-ABL kinase domain</p> <p><a href="http://www.uhkt.cz/nrl/kc-genlaboratori">http://www.uhkt.cz/nrl/kc-genlaboratori</a></p>
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<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><b>MV-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.: +420 950 810 130 fax: +420 244 402 395 e-mail: <a href="mailto:ondrej.suchy@tupo.izscr.cz">ondrej.suchy@tupo.izscr.cz</a></p>	<p>Determination of toxic abundance of gaseous emissions of thermal decomposition/combustion with the help of a physical required model according to ČSN EN ISO 5659-2 and FTIR gas burette (related standards CEN/TS 45542-2 and DIN 5510-2)</p> <p>Determination of tendency of settled dust to self-ignition (related standard ČSN EN 15188)</p> <p>Qualitative chemical analysis of solid substances and fluids with the help of the X-ray fluorescence spectroscopy</p>
<p><b>Fo:Do:Ka:Plus, s.r.o.</b> Soukromá 261 739 34 Václavovice</p>	<p>Petra Bárová tel: +420 603 300 600 e-mail: <a href="mailto:recepce@fodoka.cz">recepce@fodoka.cz</a>; <a href="http://www.fodoka.cz">www.fodoka.cz</a></p>	<p>Mechanical tests of materials – pulling tests, impact tests in bending, hardness measurement</p>
<p><b>SYNPO, akciová společnost</b> S.K. Neumanna 1316 532 07 Pardubice</p>	<p>Ing. Luboš Káčovský tel.: +420 466 067 108, +420 466 067 131 e-mail: <a href="mailto:lubos.kacovsky@synpo.cz">lubos.kacovsky@synpo.cz</a></p>	<p>Evaluation of polymer materials and coating materials</p> <p><a href="http://www.synpo.cz/anlyticke-laboratore-a-hodnoceni/hodnoceni-a-zkouseni/seznam-akreditovanych-zkousek.htm">http://www.synpo.cz/anlyticke-laboratore-a-hodnoceni/hodnoceni-a-zkouseni/seznam-akreditovanych-zkousek.htm</a> - zkouseni-zpusobilosti</p>

<p><b>Skupina zkoušení způsobilosti ORGREZ, a.s.</b> (Proficiency Testing Group, ORGREZ, a.s.) Division for checking of immissions and fuels Budovatelů 2531 CZ 434 01 Most <a href="http://www.orgrez.cz/en/">http://www.orgrez.cz/en/</a></p>	<p><b>Bc. Bohuslava Kroupová</b> Coordinator of SZZ <a href="mailto:bohyslava.kroupova@orgrez.cz">bohyslava.kroupova@orgrez.cz</a> tel. +420 476 702 207</p> <p><b>Ing. Štěpán Klimeš</b> Quality Manager of SZZ <a href="mailto:stepan.klimes@orgrez.cz">stepan.klimes@orgrez.cz</a> tel. +420 725 956 808 tel. +420 476 702 207</p>	<p>PT programmes in testing of fossil solid fuels (coal)</p> <ul style="list-style-type: none"> <li>• ZZ/UHLI/A,S,Q/2015 – General analysis – measurement of ash content, sulphur content, gross calorific value</li> <li>• ZZ/UHLI/C,H,N/2015 – Ultimate analysis – measurement of carbon content, hydrogen content and nitrogen content</li> </ul> <p><a href="http://www.orgrez.cz/en/services/proficiency-testing/">http://www.orgrez.cz/en/services/proficiency-testing/</a></p>
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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.: 272 096 213  
fax: 272 096 222

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