


PROFICIENCY TESTING PROGRAMMES AND EXTERNAL QUALITY ASSESSMENT SCHEMES FOR 2014

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 2014. CAI does not prescribe what 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
Czech Metrology Institute Department of Legal Metrology - Section for Interlaboratory Comparisons Okružní 31, 638 00 Brno www.cmi.cz  Z 7002	RNDr. Simona Klenovská tel.: 545 555 157 fax: 548 523 049 e-mail: sklenovska@cmi.cz	PT programs in the field of calibrations (physical quantities): http://www.cmi.cz/index.php?dwn=1&par=4747&wdc=112&lang=1

B. Plan for testing and medical laboratories

Provider	Contact person	Scope of proficiency testing/EHK
<p>ALME, Jenečská 146/44, 161 00 Praha 6 www.alme.cz</p> 	<p>Zuzana Baloušková tel.: 220 560 200 e-mail: laborator@empla.cz</p>	<p>PT Programmes in the field of emission measurement.</p> <p>www.alme.cz</p>
<p>ASPK, s.r.o. Jilkova 76 615 00 Brno www.silvyvoj.cz/aspk.htm</p> 	<p>Ing. René Uxa tel.: 548 424 217 fax: 548 424 210 e-mail: aspk@silvyvoj.cz</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>http://www.silvyvoj.cz/aspk_MPZ_1.htm</p>
<p>CSlab spol. s r.o. Bavorská 856, 155 00 Praha 5 www.cslab.cz</p> 	<p>Ing. Alena Nižnanská tel.: 224 453 124, 777 970 693 fax: 224 453 124 e-mail: cslab@cslab.cz</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>http://www.cslab.cz</p>

Provider	Contact person	Scope of proficiency testing/EHK
<p>EKOLA group, spol. s r. o. PT provider EKOLA group Mistrovská 4, 108 00 Praha 10 www.ekolagroup.cz</p> 	<p>RNDr. Libuše Bartošová Tel.: 373 730 877, 776 112 773 e-mail: libuse.bartosova@ekolagroup.eu; ekola@ekolagroup.cz</p>	<p>PT programmes for measurement of noise, sound insulation, artificial illumination and vibrations.</p> <p>http://www.ekolagroup.cz/cs/sluzby/zkouskyzpusobilosti/</p>
<p>Ing. Iva Bogumská – SPL 1. máje 432 735 31 Bohumín 3 www.spl-bohumin.cz</p> 	<p>Ing. Iva Bogumská tel./fax: 596 014 627 e-mail: info@spl-bohumin.cz</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>http://www.spl-bohumin.cz/files/plan_pt_2014_eng.pdf</p>

Provider	Contact person	Scope of proficiency testing/EHK
<p>SEKK, s.r.o. Za Pasáží 1609, 530 02 Pardubice, Zelené Předměstí www.sekk.cz</p> 	<p>Ing. Marek Budina tel.: 466 530 230 fax: 466 530 824 e-mail: sekk@sekk.cz</p>	<p>PT programmes / EQA schemes in the field of clinical biochemistry and nuclear medicine, haematology/ blood transfusion, allergology and immunology.</p> <p>http://www.sekk.cz/eqa/2013_N_CZ.pdf</p>
<p>Státní zdravotní ústav (National Institute of Public Health) Expert group for proficiency testing Šrobárova 48, 100 42 Praha 10 www.szu.cz/espt</p> 	<p>Ing. Věra Vrbíková tel.: 267 082 270 fax: 267 082 454 e-mail: vrbikova@szu.cz</p> <p>Mgr. Petr Pumann (water) tel.: 267 082 220 fax: 267 082 271 e-mail: petr.pumann@szu.cz</p> <p>RNDr. Danuše Očadlíková tel.: 267 082 340, fax: 267 082 271 e-mail: ocadlikova@szu.cz</p> <p>Ing. Zdeněk Jandák, CSc. tel. 267082683 e-mail. zjand@szu.cz</p> <p>Ing. Ivan Peter tel. 267082246 e-mail. ipeter@szu.cz</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>Interlaboratory comparison for noise measurement, sound pressure level measurements.</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>http://www.szu.cz/espt</p>

Provider	Contact person	Scope of proficiency testing/EHK
<p>Studio D – akustika s.r.o., U Sirkárny 467/2a 370 04 České Budějovice</p> <p>www.akustikad.com</p> 	<p>Ing. Jana Dolejší tel.: 737 705 636 fax: 387 202 590 e-mail: akustikad@akustikad.com</p>	<p>PT programmes for measurement of noise, sound insulation and vibrations.</p> <p>http://www.akustikad.com/cz/seminar-zkouseni-zpusobilosti/</p>
<p>Ústřední kontrolní a zkušební ústav zemědělský (Central Institute for Supervising and Testing in Agriculture) National Reference Laboratory Department of Proficiency Testing Programmes, Hroznová 2, 656 06 Brno</p> <p>www.ukzuz.cz</p> 	<p>RNDr. Jaroslava Srnková tel.: 543 548 220 fax: 543 210 444 e-mail: mpz@ukzuz.cz</p>	<p>PT programmes for chemical testing of soils, sludge and sediments, feedstuff and plant material</p> <p>http://eagri.cz/public/web/en/ukzuz/portal/laboratories/proficiency-testing/</p>
<p>Vysoké učení technické v Brně (Brno University of Technology) Faculty of Civil Engineering Institute of Construction Testing Engineering Veveří 95 602 00 Brno</p> 	<p>Ing. Tomáš Vymazal, Ph.D. tel.: 541 147 818 fax: 541 321 047 vymazal.t@fce.vutbr.cz</p>	<p>PT programmes for testing of fresh and hardened concrete, cement, mortars, fine-grain cement composites and soils</p> <p>PT programmes for testing of aggregates, masonry units, metallic materials, plastic, structural timber (this is out of the scope of accreditation).</p> <p>http://147.229.27.214/mpz/Plan%20EN%202012-13.pdf</p>

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

<p>Ústav hematologie a krevní transfuze (Haematology and Blood Transfusion Institute), National Reference Laboratory for DNA Diagnostics U Nemocnice 1 128 20 Praha 2 www.uhkt.cz</p>	<p>Mgr. Hana Žížková, Ph.D. Tel.: 221 977 221 e-mail: hana.zizkova@uhkt.cz</p> <p>Mgr. Hana Čechová tel.: 221977308, 221977117 fax: 221977317 e-mail: hana.cechova@uhkt.cz</p> <p>Ing. Milena Vraná tel.: 221 977 484 e-mail: milena.vrana@uhkt.cz</p> <p>Mgr. Karla Zemanová, Ph.D. tel.: 221 977 221 e-mail: karla.zemanova@uhkt.cz</p> <p>Mgr. Kateřina Machová Poláková, Ph.D. tel.: 221 977 181 e-mail: katerina.machova@uhkt.cz</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>http://www.uhkt.cz/nrl/kc-genlaboratori</p>
<p>Zdravotní ústav se sídlem v Ostravě (Public Health Institute in Ostrava), Centre of Hygienic Laboratories, Ostrava Partyzánské nám. 7, 702 00 Ostrava</p> <p>VŠB – TU Ostrava, Faculty of Electrical Engineering and Computer Science, 17. listopadu 15, 708 33 Ostrava - Poruba</p> <p>Česká společnost pro osvětlování (Czech Society for Illumination), Regional Group of Ostrava 17. listopadu 15, 708 33 Ostrava – Poruba www.zu.cz</p>	<p>Ing. Martin Demel tel.: +420 737 233 669 fax : +420 596 118 661 e-mail: martin.demel@zuova.cz</p>	<p>Measurement of artificial illumination</p> <p>www.zuova.cz</p>

<p>Zdravotní ústav se sídlem v Ostravě (Public Health Institute in Ostrava), Centre of Hygienic Laboratories Contact and Sampling Site of Ústí nad Orlicí Partyzánské nám. 7 702 00 Ostrava</p>	<p>RNDr. Jana Habalová Tel.: 461 573 858, 724 335 328 jana.habalova@zuova.cz</p> <p>RNDr. Libuše Nagyová tel.: 577 553 262 e-mail: libuse.nagyova@zu.cz</p>	<p>Sampling and determination of volatile organic compounds in air (concentration level: work air, soil air)</p>
<p>Centrum stavebního inženýrství a.s. Zkušebna akustiky 1007.5 Pražská 16 102 21 Praha 10 – Hostivař www.csias.cz</p>	<p>Ing. Miroslav Meller, CSc. tel. 281 017 491 fax 271 751 128 e-mail: meller@csias.cz</p>	<p>Programmes for measurement of noise insulation characteristics of building structures in laboratory conditions</p>
<p>MILCOM a.s. Ke Dvoru 12a 160 00 PRAHA 6</p>	<p>Ing. Ondřej Elich tel.: 235 354 551, 731 325 213 fax: 235 358 107 e-mail: elich@milcom-as.cz</p> <p>MVDr. Gabriela Kunová tel.: 235 354 551 1. 123 fax : 235 358 107 e-mail: kunova@milcom-as.cz</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>http://www.milcom-as.cz/vum-alaktoflora/sluzby/kruhove-testy.html</p>
<p>DEKPROJEKT s.r.o. Zkušební laboratoř ATELIER DEK Tiskařská 10/257 108 00 Praha 10 - Malešice</p>	<p>Ing. Viktor Zwiener, Ph.D. Tel.: 731 544 905 e-mail: viktor.zwiener@dek-cz.com</p>	<p>Measurements of air permeability of spaces by blower door test method</p> <p>http://atelier-dek.cz/zkouseni-zpusobilosti-604</p>
<p>MV-GR HZS ČR (Ministry of Interior - General Directorate of the Fire Rescue Service)</p>	<p>Ing. Ondřej Suchý, Ph.D. tel.: 950810130 fax: 244402395</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</p>

<p>Technický ústav PO (Technical Fire Protection Institute) Písková 2 143 01 Praha 4</p>	<p>e-mail: ondrej.suchy@tupo.izscr.cz</p>	<p>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>ČSSF Hněvotínská 24 779 00 Olomouc</p>	<p>Ing. Jiří Fišer Genetic Laboratory MephaCentrum Building Opavská 39/962 708 00 Ostrava – Poruba tel.: 725 054 377 e-mail: fiser1@volny.cz</p> <p>Ing. Aleš Hořínek, Mgr. A. Zidkova ÚBLG 1. LF UK Albertov 4 128 00 Praha</p>	<p>Forensic genetic testing – traces and comparison tests</p> <p>Forensic genetic testing – paternity and blood relationship</p>
<p>Fo:Do:Ka:Plus, s.r.o. Jiskříček 6 700 30 Ostrava – Zábřeh</p>	<p>Ing. Petra Kočiščáková, Ph.D. tel.: 736 209 966 e-mail: recepce@fodoka.cz; petra.kociscakova@fodoka.cz www.fodoka.cz</p>	<p>Mechanical tests of materials – pulling tests, impact tests in bending, hardness measurement</p>
<p>SYNPO, akciová společnost S.K. Neumanna 1316 532 07 Pardubice</p>	<p>Ing. Luboš Kácovský tel.: 466 067 108, 466 067 131 e-mail: lubos.kacovsky@synpo.cz</p>	<p>Evaluation of polymer materials and coating materials</p> <p>http://www.synpo.cz/anlyticke-laboratore-a-hodnoceni/hodnoceni-a-zkouseni/seznam-akreditovanych-zkousek.htm - zkouseni-zpusobilosti</p>

Contact:

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

tel.: 272 096 213
fax: 272 096 222

Prague, March 2014