



**AB ORLEN Lietuva**  
**QUALITY ASSURANCE/QUALITY CONTROL CENTER**  
**REQUEST FOR PROPOSAL**

*Required instrument/services, general and special requirements (description prepared by QA/QC Center)*

Participation in proficiency testing (PT) or interlaboratory comparison (ILC) programs for **environmental tests** (air) quality control launched by PT/ILC organizers (accredited) compliant with ISO/IEC 17043 requirements.

PT/ILC program organizer shall meet the following requirements:

- be duly accredited, certified for conformity to EN ISO/IEC 17043 requirements;
- operate as an independent, external and impartial assessment body;
- ensure the confidentiality of customer data, including test results, z-scores, test methods and other information related to the participant provided under an identification code;
- evaluate the results and send to the participants by post/email a comprehensive PT/ILC programs report. The report shall include encrypted data on all laboratory tests, statistical test data analysis, z scores and diagrams with test results;
- present a qualification verification/assessment certificate as proof of the laboratory's participation (optional);
- have software/electronic tools for the customer to register and present test data to the PT/ILC organizer, to download instructions, recommendations or any other information related to organizing PT/ILC programs;
- organize the delivery of the sample to the customer, and, if necessary, assist in solving any problems that may arise with the transportation of the sample (damaged packaging, sampler, containers, etc.).

In case of absence of an accredited program, participation in a non-accredited program of an accredited or non-accredited PT/ILC organizer may be acceptable. Programs shall be suitable for activities conducted by the laboratory.

Applications to be submitted for participation in the following PT/ILC programs:

**1) Indoor, ambient or workplace air**

- Benzene, toluene, xylenes, ethylbenzene by gas chromatographic (GC) method according to EN ISO 16017-1;

**2) Stack emissions or indoor, ambient or workplace air**

Benzene, n-Butane, Cyclopentane, 2,4-Dimethylpentane, Ethane, Ethylbenzene, Heptane, Hexane, Isobutane, Isopentane, Isopropylbenzene, n-Pentane, 1-Pentene, Propane, n-Propylbenzene, Styrene, Toluene, 1,2,3-Trimethylbenzene, 1,3,5-Trimethylbenzene, Undecane, Xylene (m-, p-, o-) by gas chromatographic (GC) method according to EN ISO 16017-1.