

## Abstract

### Study on the policy improvement of industrial hygiene quality control programs

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In Korea, a quality control or assurance (QA) systems for public and private work environment measurement bodies, based on the Industrial Safety and Health Act, had been organized and have been maintained by governmental bodies since 1992. The purposes of this study were to review the Korean governmental QA programs, an American industrial hygiene Proficiency Analytical Testing (PAT) and Laboratory Accreditation (LA) programs, a British Proficiency Testing (PT) programs for workplace and a Japanese private QC program, and to suggest some idea for improving or developing the present Korean QA programs. The proficiency testing program should be strengthened: participation of analysis need to be compulsory, and development and introduction of quality control test samples (passive dosimeters/organic solvent vapors, formaldehyde, crystalline silica,

etc.) is necessary and important. However, the on-site evaluation for workplace analytical laboratory need to be abolished and combined with another evaluation programs for work environment measurement bodies including analytical laboratories. It is desirable that participation of accreditation programs for work environment measurement bodies is voluntary and paying.

**Key Words :** Quality control or assurance systems, Analysis proficiency testing program, QC test samples, On-site or insitu evaluation program, Public and private, Laboratory accreditation, participation voluntary and charged