

كفاءة المختبرات LABORATORIES PROFICIENCY

المؤتمر الخليجي الأول لكفاءة المختبرات
FIRST GCC CONFERENCE FOR LABORATORIES PROFICIENCY



KOLAS Experiences in Operating Proficiency Testing Programs

KOLAS & KCL



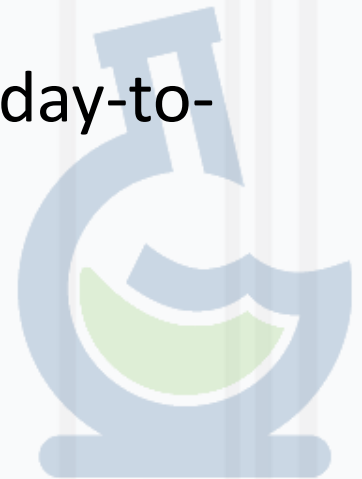
Introduction

✓ KOLAS

Korea Laboratory Accreditation Scheme

- Governmental accreditation body
- Administered : Korean Agency of Technology and Standards (KATS)
- KOLAS Secretariat is responsible for the day-to-day running of KOLAS

www.kolas.go.kr



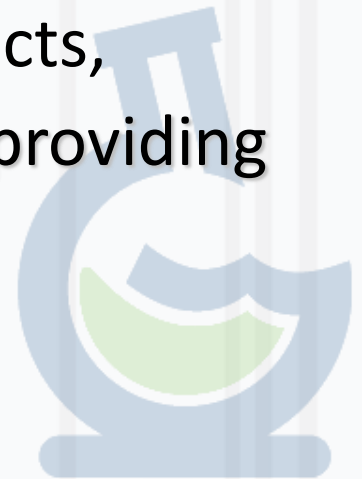
Introduction

✓ KCL

Korea Conformity Laboratories

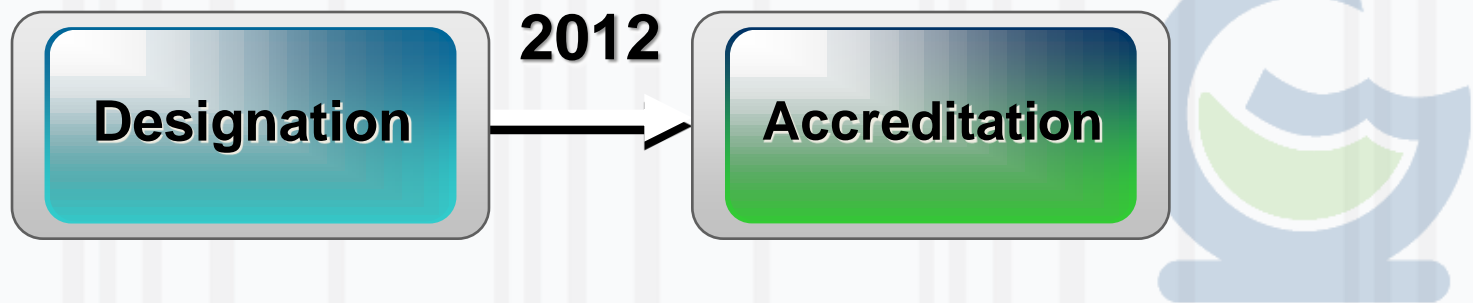
- Premier testing and certification organization
- KCL offers one-stop services for testing and analysis in safety, environment, medical devices, bio & nanotechnology, consumer products, construction materials, and along with providing proficiency testing programs

www.kcl.re.kr



PT Providers in Korea

- ✓ Changes in KOLAS regulation
 - Designation of PT providers through 2011 by KOLAS
 - Since 2012, all the PT providers designated before have been successfully reaccredited through our unique conversion process with ISO/IEC 17043



PT Providers in Korea

- ✓ Present state of PT providers in South Korea
 - 8 PT providers exist, but no new providers have been accredited since the conversion process



Development of PT schemes

- ✓ Funding for developing PT schemes
 - KOLAS has taken an important role in promoting the development of PT schemes with government funds
 - Laboratories will be provided with previously developed PT schemes



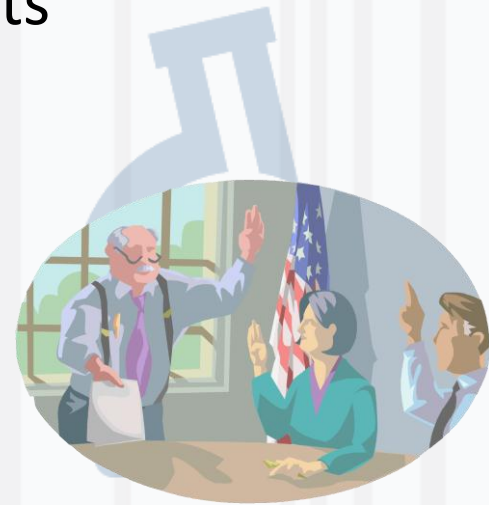
Regulations for PT schemes

- ✓ Roles of PT technical committee
 - Approve scheme plans and reports generated from PT results
 - Review schemes presented under the Operational Guidelines for Inter/Internal-laboratory Comparisons and Measurement Audits



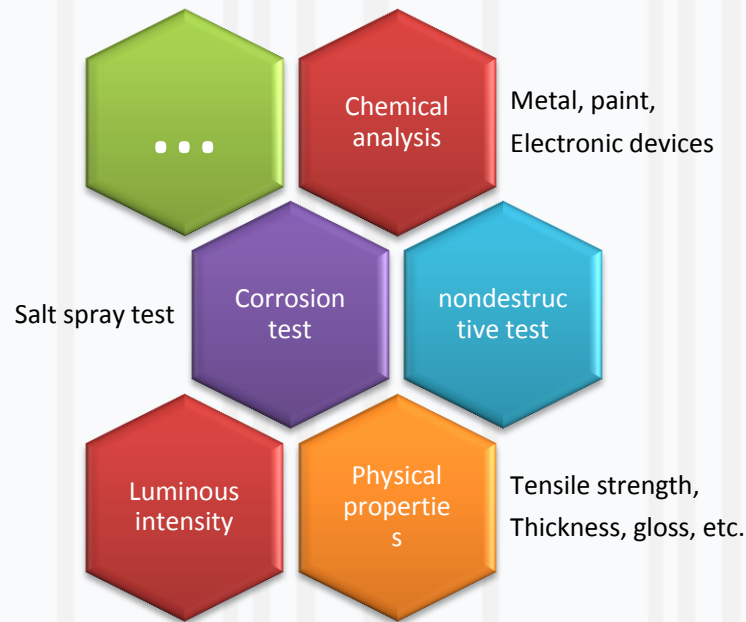
Regulations for PT schemes

- ✓ PT technical committee
 - Meets monthly to determine PT agendas
 - Review of results of PT schemes
 - Confirm applications for measurement audits
 - Discuss regulations for PT schemes
 - Study development reports



KCL's experiences

- ✓ Development of PT schemes
 - Since 2004, KCL has been developing over 13 PT items



KCL's experiences

- ✓ Provision of PT schemes
 - Since 2007, KCL has been providing over 15 PT schemes



KCL's experiences

- ✓ PT scheme for Chinese laboratories
 - In 2011, we provided an international PT program of 'Mechanical test for textiles' for Chinese laboratories accredited by CNAS and HOKLAS



KCL's experiences

- ✓ Difficulties in operating PT schemes
 - Hitting the break-even point
 - Small number of participants
 - Homogeneity and stability of PT items
 - Securing a reliable testing laboratory
 - Avoiding collusion





KOLAS (Korea Laboratory Accreditation Scheme)



Global Brand for Construction Materials,
Consumer Goods and Environment Testing Lab.
Enhancement of competitiveness,
Focus on higher value, Global Standard

Thank you!

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