



Achievements of BLA-DSS
Bureau of Laboratory Accreditation
Department of Science Service
Thailand

Chantarat Vorasapavit
Head of Laboratory Accreditation Section 3, BLA-DSS

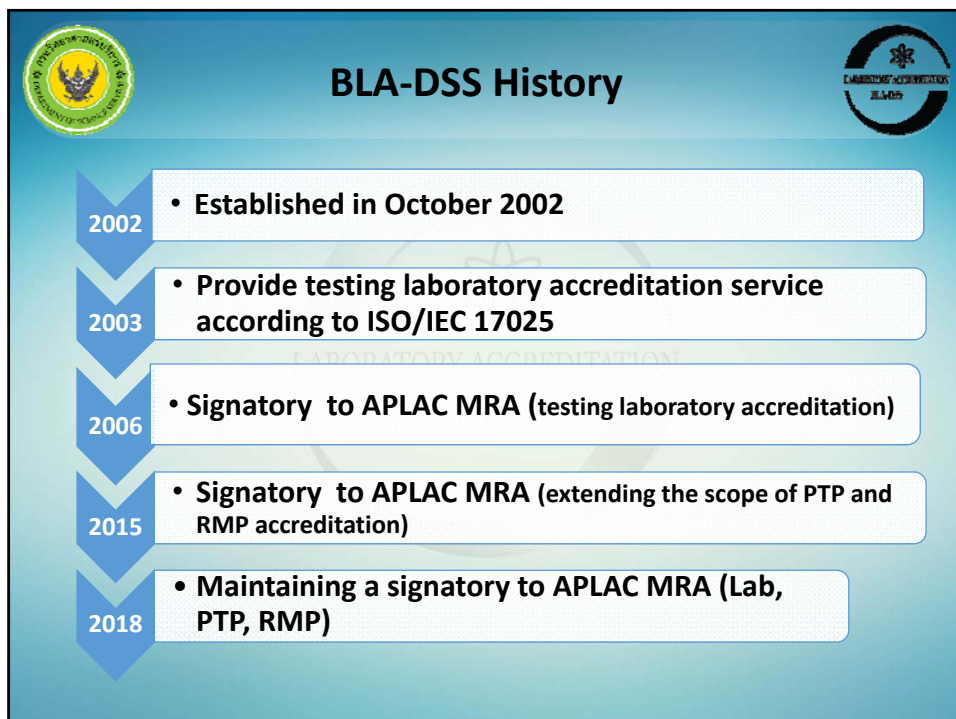
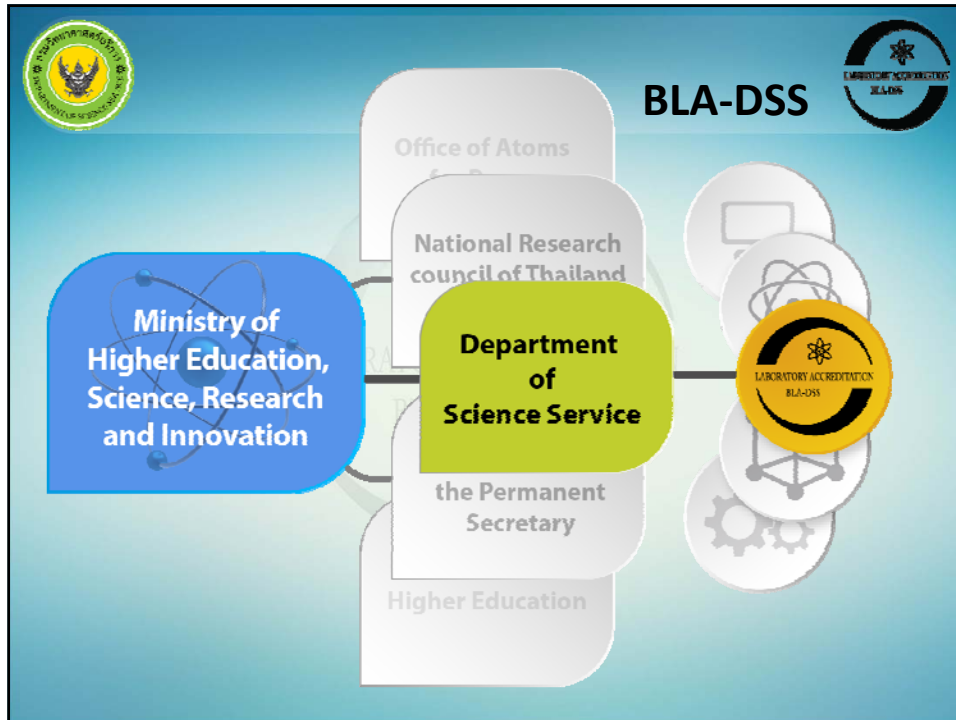



Bureau of Laboratory Accreditation
Department of Science Service, Thailand



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-  Accreditation Services
-  Co-operation & Activities
-  Preparation for PTP accreditation





APAC MRA 2019

APAC MRA for testing, PTP and RMP on 1 January 2019

APAC
ASIA PACIFIC ACCREDITATION COOPERATION

Mutual Recognition Arrangement (MRA) Certificate

In accordance with ISO/IEC 17011:2011 and the procedures of the Asia Pacific Accreditation Cooperation Incorporated (APAC), APAC hereby confirms the following APAC member is a signatory to the APAC MRA:

**Bureau of Laboratory Accreditation,
Department of Science Service
BLA-DSS**

for the scopes and sub-scopes of

Scope	Effective Date	Valid Until
Proficiency Testing Provider – ISO/IEC 17043	17 Jun 2015	17 Jun 2015
Reference Material Producer – ISO 17034	17 Jun 2015	17 Jun 2015
Testing – ISO/IEC 17025	22 May 2008	22 May 2008

Signed on behalf of APAC by:

Ms. Chang Kwee Fern
APAC Co-Chair
Date: 8 January 2019

Ms. Jennifer Evans
APAC Co-Chair
Date: 8 January 2019

APAC
ASIA PACIFIC ACCREDITATION COOPERATION

APLAC
Asia Pacific Laboratory Accreditation Cooperation

PAC
Pacific Accreditation Cooperation



Accreditation Services

Testing laboratory accreditation services in according to ISO/IEC 17025

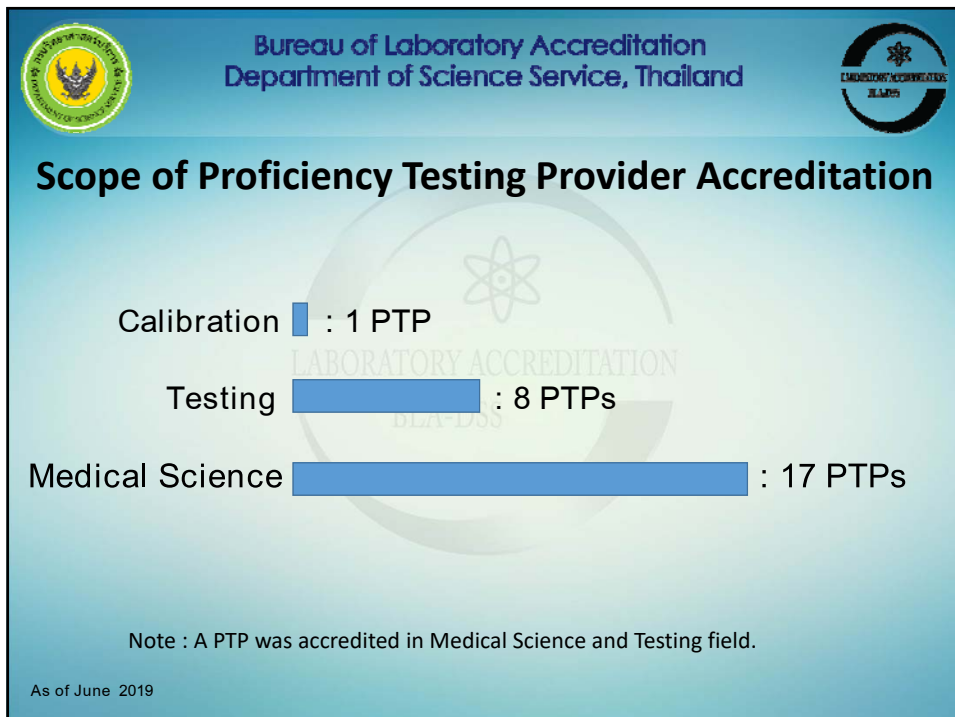
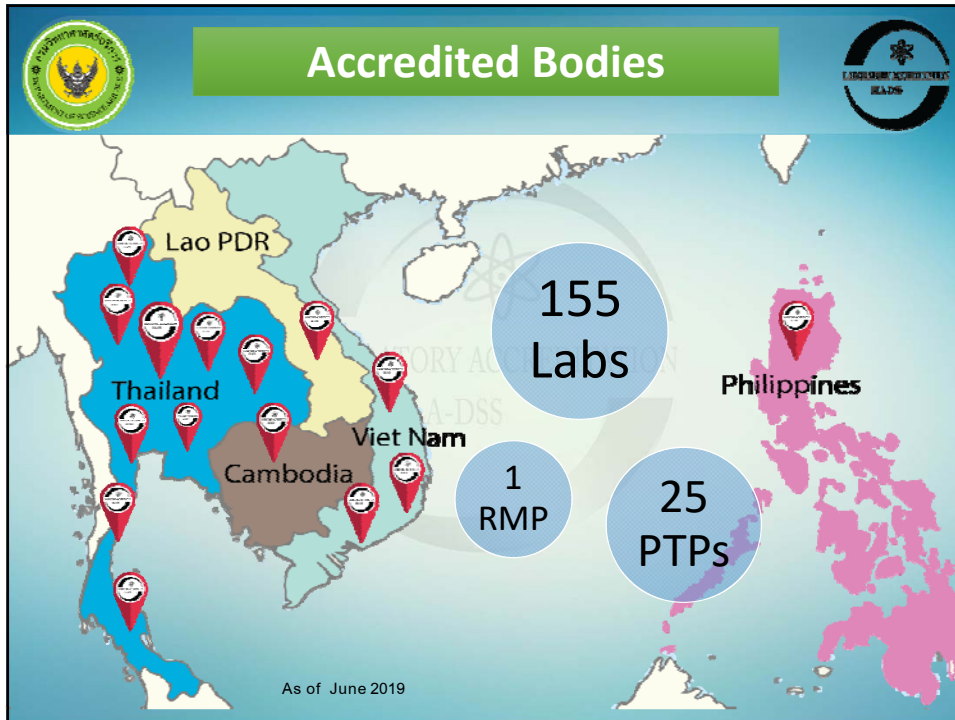
- ✓ Physical testing : Construction material, Fabric, Toys, Natural rubber and rubber products, shoes and leather products, Plastic products, Ceramic and glass products, Paper and paper products
- ✓ Chemical testing : chemical (non-pharmaceutical products), petrochemical products (intermediate and downstream), environment
- ✓ Biology testing : Sugar and sugar products, Foods, Animal feeds and related products, Food packaging and related materials

**LABORATORY ACCREDITATION
BLA-DSS**

PT provider accreditation service according to ISO/IEC 17043

- ✓ Testing and calibration
- ✓ Medical testing

Reference material producer accreditation services in according to ISO 17034






Accreditation in other countries

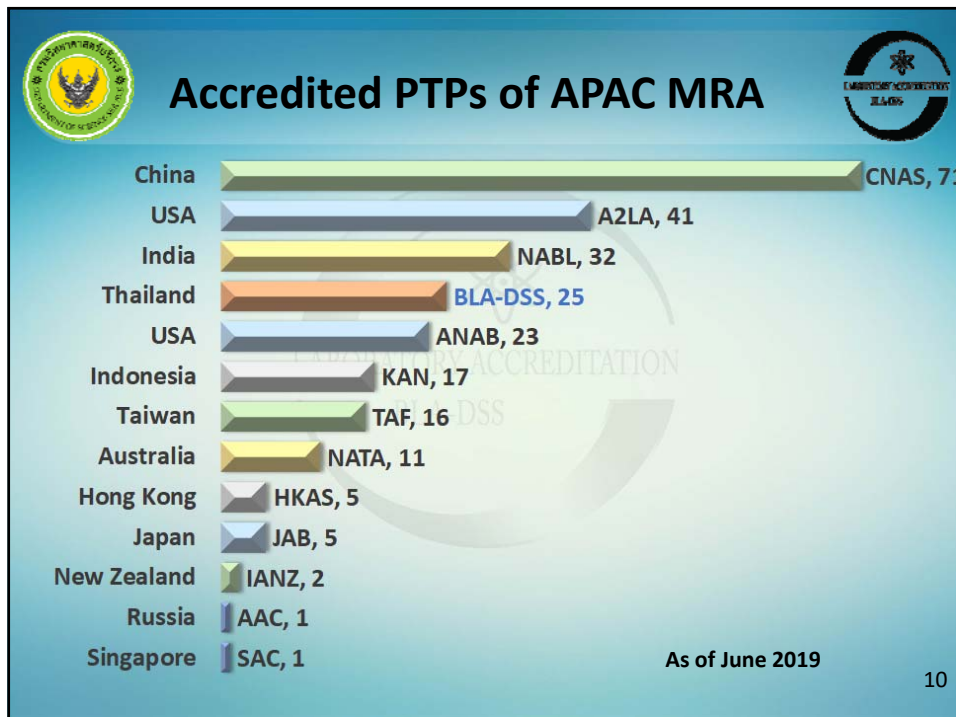
PTP - ISO/IEC 17043


The Philippines

1. Food and Nutrition Research Institute, Proficiency Testing Laboratory, Department of Science and Technology


Vietnam

1. External Quality Assessment Program, National Institute of Hygiene and Epidemiology
2. HIV EQA producer unit, Pasteur Institute in Ho Chi Minh City, Vietnam
3. Quality Control Center for Medical Laboratory, Hanoi Medical University
4. Department Microbiology National Tuberculosis Reference Laboratory, National Lung Hospital, Vietnam







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Experience in accrediting PTPs





PTP: Testing Field - Food/Feed



PTP	Program
1. National Food Institute (PTP – 0002)	<ul style="list-style-type: none"> • Proximate analysis (Moisture, Protein, Ash, Fat in Granular feed • Chemical analysis pH and °Brix, NaCl (g/100 g), in Canned food • Chemical analysis Free fatty acid (g/100 g) in Oil • Chloramphenical (µg/kg) in Shrimp • Oxolinic acid (mg/kg) in Shrimp • Tetracyclines Group (CTC, OTC, TTC) (mg/kg) in Shrimp • Detection of <i>Salmonella</i> spp. • Detection of <i>V. cholera</i> • Detection of <i>L. monocytogenes</i> • Enumeration of Coliforms (MPN/g, cfu/g) • Enumeration of <i>C. perfringens</i> (cfu/g) • Total plate count (cfu/g) in Freeze dried shrimp • Detection of <i>L. monocytogenes</i> (per 25 g) in Freeze dried chicken • Enumeration of Coliforms MPN/100 ml (MPN/100 ml) in Nonpotable water • Enumeration of Enterococci (cfu/g) in Lyophilized cultures • Detection of <i>Salmonella</i> spp. (per 100 ml) in Potable water • Detection of <i>S. aureus</i> (per 100 ml) in Potable water



PTP: Testing Field - Food/Feed	
PTP	Program
<p>2. Bureau of Quality and Safety of Food, Department of Medical Sciences (PTP – 0004)</p>	<ul style="list-style-type: none"> • Organochlorine pesticide residues in animal fat • Thai aflatoxin analysis performance scheme • Chemical analysis of water proficiency testing scheme • Metal in water proficiency testing scheme • Caffeine in beverage analysis performance scheme • Food additive <ul style="list-style-type: none"> – synthetic organic color analysis performance scheme – benzoic acid and sorbic acid analysis performance scheme • Nutrient analysis of cow milk and ready-to-drink milk product proficiency testing scheme • Iodine in salt analysis performance scheme • Light Filth proficiency testing scheme • Food microbiological proficiency testing scheme <ul style="list-style-type: none"> - <i>Bacillus cereus</i> - <i>Listeria monocytogenes</i> - Mesophilic Aerobic Plate Count - Coliforms, <i>Escherichia coli</i> - Yeast and mold - <i>Salmonella</i> spp. - <i>Staphylococcus aureus</i>

PTP: Testing Field - Food/Feed	
PTP	Program
<p>3. Food and Nutrition Research Institute, Proficiency Testing Laboratory, Department of Science and Technology, Republic of the Philippines (PTP – 0005)</p>	<ul style="list-style-type: none"> • Proficiency testing in Infant formula • Proficiency testing in Milk powder • Proficiency testing in Wheat flour • Proficiency testing in Corn-based snack food • Proficiency testing in Powdered concentrate water-based flavored drinks • Proficiency testing in Processed meat

PTP: Testing Field - Food/Feed

PTP	Program
4. Central Laboratory (Thailand) Co., Ltd. (PTP – 0008)	<ul style="list-style-type: none"> • Fluoroquinolone group and Quinolone group in shrimp • Tetracycline group in shrimp • Nitrofurans metabolites in shrimp • Malachite green, Leucomalachite green and Crystal violet in fish muscle and shrimp • Sulfonamide group in shrimp • Histamine in fish muscle • pesticide residues in vegetables • Sulfur dioxide in shrimp • Chloramphenicol in shrimp • β-agonists in pig urine • Total phosphorus as P_2O_5 in shrimp • Heavy metal in fish muscle

PTP: Testing Field – Food/Feed

PTP	Program
5. Regional Medical Sciences Center 12/1 Trang, Department of Medical Sciences (PTP – 0010)	<ul style="list-style-type: none"> - Determination of benzoic acid, sorbic acid and propionic acid in plain pastry
6. Betagro Science Center Company Limited (PTP – 0018)	<ul style="list-style-type: none"> - Organochlorine pesticide residues in animal fat - Total cyanide in water - Aerobic plate count in feed - <i>Salmonella</i> spp. in freeze dried chicken



 **Indonesia**  

BLA-DSS staff shared and discussed comparative studies for PTP and RMP accreditation with staff from Komite Akreditasi Nasional (KAN), Indonesia
19-20 December 2017



 **Vietnam**  

Bureau of Accreditation (BoA) shared all information of PTP and RMP accreditation process with BLA-DSS
14-19 December 2015





19th - 21st June 2019, Bangkok, THAILAND





**APLAC Transition Training – Revision
to ISO/IEC 17011, Hong Kong
(21-22 September 2017)**






**APLAC Workshop on RMP and PTP Accreditation
Hong Kong (7-10 August 2016)**






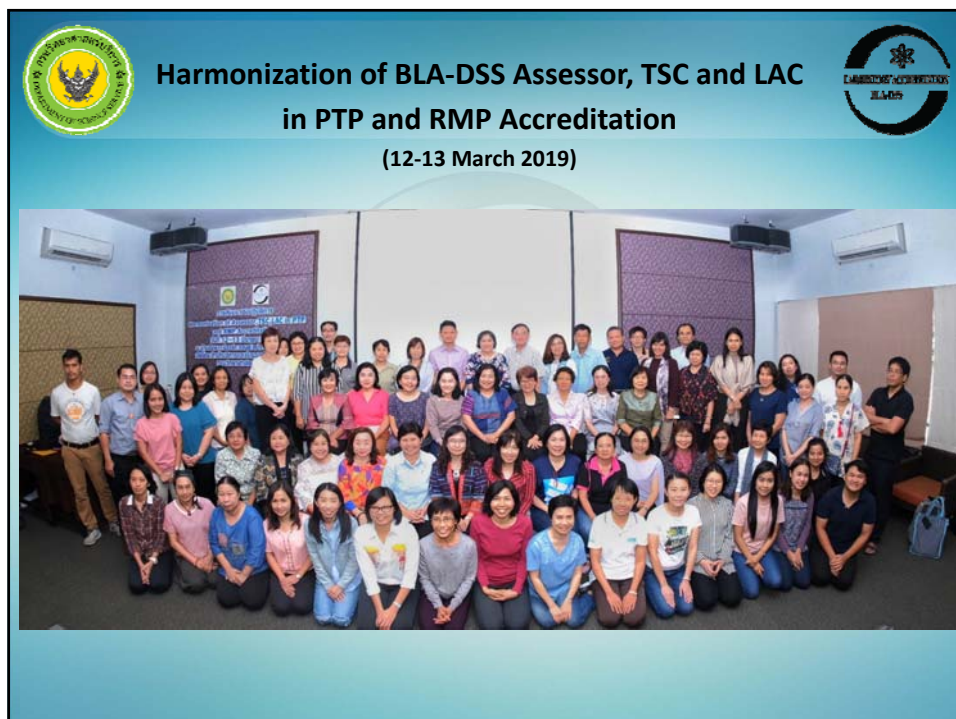
**PTB-APLAC on Statistical Methods
for Proficiency Testing, Hong Kong
(12 – 14 November 2015)**





**1st APLAC-PTB Workshop
“Enhanced Training for PT Experts”
Bangkok Thailand (1-4 August 2011)**





APFAN PT-2 Workshop

Food Analysis Workshop: Proficiency Testing and Reference Materials Development



19th - 21st June 2019, Bangkok, THAILAND

APFAN PT-2 Workshop

Food Analysis Workshop: Proficiency Testing and Reference Materials Development



19th - 21st June 2019, Bangkok, THAILAND



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