

**REPORT OF THE TRAINING WORKSHOP ON
PATTERN APPROVAL OF NON-AUTOMATIC WEIGHING INSTRUMENTS
HELD ON 1 - 3 OCTOBER 1997 AT TSUKUBA, JAPAN**

The training workshop on Pattern Approval of Non-automatic weighing instruments was attended by twenty five delegates and observers from fourteen economies, namely Australia, Canada, People's Republic of China, Indonesia, Japan, Malaysia, Mongolia, New Zealand, Papua New Guinea, Philippines, Russia, Singapore, Chinese Taipei and United States of America.

The training workshop was officially opened by the Convenor, Mr. John Birch, A.M. who welcomed delegates to the workshop in Tsukuba. He said that this workshop was jointly developed by the Joint Australia-China collaboration project on measurement skills which had recognised the need for such training to promote the development and harmonisation of measurement skills of personnel involved in trade and legal metrology.

He introduced Mrs Kerry Marston, the project coordinator and the two resource persons presenting the workshop, Prof Shi Changyan, Chief Engineer from the National Institute of Metrology, People's Republic of China and Mr. Keith Mann, Senior Technician from the National Standards Commission, Australia.

The workshop covered aspects of the pattern approval testing on non-automatic weighing instruments according to criteria set out in OIML IR 76, and participants were given an understanding of the principles and the various testing procedures required for non-automatic instruments.

Each of the participants attending the workshop received a video demonstrating the testing procedures performed according to IR 76, a disk comprising approximately 70 proformas relating to the implementation of IR 76 and a Procedure Manual. The Indonesian delegate received a copy of the video which had been translated into Bahasa Indonesian and there are plans for translation of the video into other languages as well.

The participants were also taken on a tour of the pattern approval facilities for non-automatic weighing instruments at the National Research Laboratory of Metrology. At the end of the session, participants were requested to fill an evaluation sheet and the comments received indicated that the module was well received. Participants were also requested to return any comments they may have on the Procedure Manual to the APLMF Secretariat by 31 December.

The workshop concluded with Ms Marston thanking Prof. Shi and Mr Mann for their presentation and conduct of the workshop and the NRLM committee for the excellent organisation and the use of the facilities.

ASIA-PACIFIC LEGAL METROLOGY FORUM

TRAINING WORKSHOP ON IMPLEMENTATION OF
OIML R 76 - NON-AUTOMATIC WEIGHING INSTRUMENTS

TSUKUBA , JAPAN

1 - 3 October 1997

LIST OF DELEGATES AND OBSERVERS

LIST OF RESOURCE PERSONS

<u>Name</u>	<u>Organisation</u>
Mr. Shi Chanyan	China State Bureau of Technical Supervision, CSBTS
Mr. Keith Mann	Senior Technician, National Standards Commission, Australia
Ms. Kerry Marston	Consultant, National Standards Commission

LIST OF DELEGATES

<u>Economy</u>	<u>Delegate</u>	<u>Organisation</u>
CANADA	Mr. George Smith	Measurement Canada - Pacific Region, Canada
INDONESIA	Mr. Dedy Setiawan	Direktorat Metrologi
JAPAN	Mr. Toru Kojima	Chief of Type Approval Testing Section, NRLM
	Mr. Kazuo Neda	Senior Staff of Type Approval Testing Section, NRLM
MALAYSIA	Mr. Mukhtar Sawi	Researcher, SIRIM Berhad
MONGOLIA	Mr. Zagdkhuu Ganbold Head of Metrology	Head of Metrology, Mongolian National Centre for Standardization & Metrology
NEW ZEALAND	Mr. Barrie Morgan	Trade Measurement Ministry of Consumer Affairs
PAPUA NEW GUINEA	Mr. Sammy Sari	Senior Metrologist, National Institute of Standards & Industrial Technology (NISIT)

PHILIPPINES	Mr. R B Dacuyan	Head, Metrology Laboratory, Industrial Technology Development Institute (ITDI)
RUSSIA	Dr. A Astashenkev	Director, Russian Institute for Metrological Service, GOSSTANDART of Russia
	Mr. V Mardine	Head of Department, Russian Institute for Metrological Service, GOSSTANDART of Russia
SINGAPORE	Mr. Lek Kow Tee	Head, Weights & Measures Office, Ministry of Trade & Industry
	Mr. Ho Yik Kwee	Head, National Measurement Centre, Singapore Productivity & Standards Board
CHINESE TAIPEI	Mr Chen Liang-Hsing	Engineer, Center for Measurement Standards, Industrial Technology Research Institute
UNITED STATES OF AMERICA	Mr. Jim Truex	National Conference on Weights & Measures (NCWM)
	Ms. D Ripley	Engineer, Office of Standards Services, NIST

LIST OF OBSERVERS

<u>Economy</u>	<u>Observer</u>	<u>Organisation</u>
JAPAN	Mr. Keizaburo Uchikawa	Adviser, Japan Quality Assurance Organization
	Mr. Masaaki Kobayasi	Chief Engineer, Shinko Co.
	Mr. Yasutoshi Masuda	General Manager, Yamato Scale Co.Ltd.
	Mr. Kazuro Hirakawa	R&D dept. Manager, Teraoka Seiko Co.Ltd.
	Mr. Yoshio Kitano	Standard & Approval Assistant Manager, Teraoka Seiko Co.Ltd.
	Mr. Yoshitaka Iwasaki	International Dept. Manager, Teraoka Seiko Co.Ltd.