OIML/APLMF Training Course on Prepackaged Goods

Presented by: **Phil Sorrell,**
Davis White &
Dr. Hans-Peter Vaterlous

Prepackaged Goods
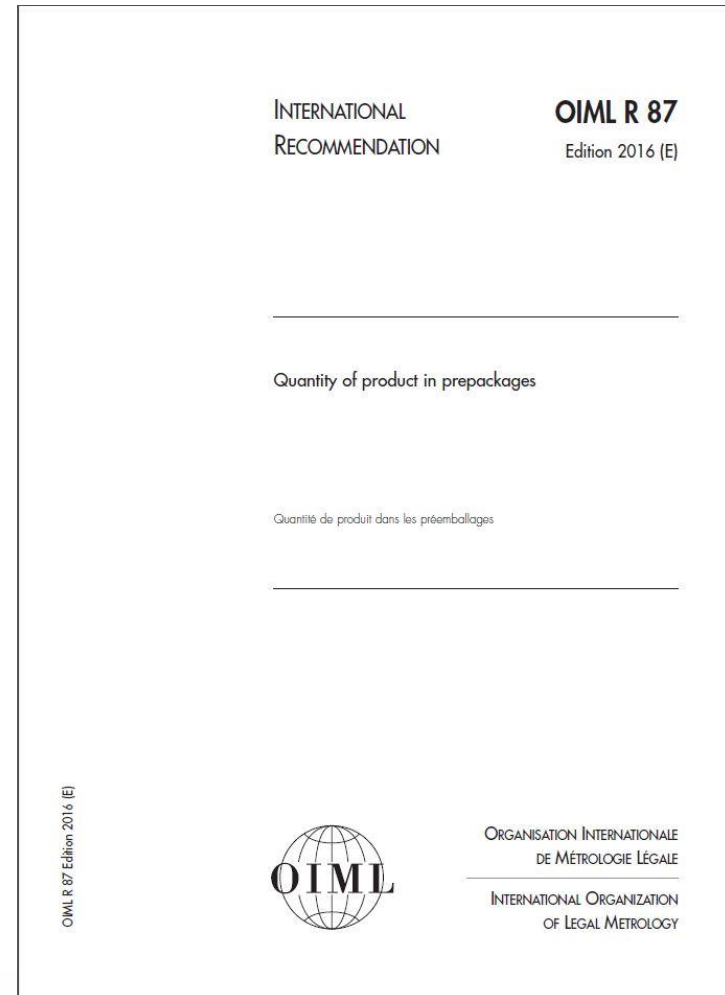**Nanning, China**
10-13 April 2018

OIML RECOMMENDATION R87

Quantity of product in prepackages

OIML R87

- Edition 2016 (E)

- Developed by Project
  Group 3 of the Technical
  Committee 6

- Supersedes previous
  Edition 2004

OIML R87

Content of R 87

- Foreword

- 1 Scope

- 2 Terminology

- 3 Metrological requirements for prepackages

- 4 Reference test for metrological requirements

OIML R87

Informative Annexes

- Annex A - an examination procedure outline where sampling is used;

- Annex B - procedures for determining average tare mass;

- Annex C - procedures for determining the drained quantity of products in liquid medium;

- Annex D - procedures for determining the actual quantity of frozen products;

- Annex E - requirements for prohibition of misleading prepackages;

OIML R87

Informative Annexes

- Annex F - basis for statistical sampling model used;

- Annex G - a schematic representation to explain the application of T1 and T2 errors;

- Annex H - an alternative sampling plan using a stepwise approach;

- Annex I - detailed sampling plans; and

- Annex J - references to documents mentioned.

Scope

This Recommendation specifies:

- Legal metrology requirements for **prepackaged products** (also called prepackaged commodities or prepackaged goods) labelled in **predetermined constant nominal quantities** of mass, volume, linear measure, area, or count, and

- Sampling plans and procedures for use by **legal metrology officials** (LMO) in **verifying the quantity** of product in prepackages

OIML R87

Purpose of R87

Harmonisation of international trade

- Application of an internationally consistent method of determining the actual quantity of prepackages

- Level playing field for trade

- Confident consumers

OIML R87

Topics of Day 2 & 3

- Terminology; definitions, acronyms and symbols

- Metrological requirements for prepackages; "three packers rules"

- Sampling methods

- Tare procedures

- Test equipment and traceability

OIML R87

Topics of Day 2 & 3

- Density measurement

- Completing a reference test

- Group exercises

- Preparation for a site visit

- Advising packers and enforcement