



## PROGRAMM

### TRAINING COURSE ON METROLOGICAL CONTROL OF PREPACKAGED GOODS

5-7 June 2018, Havana, Cuba

Time	Details	Presenter
<b>Tuesday, June 5, 2018</b>		
08:30 – 09:00	Registration	
09:00 – 09:30	Welcome from the Cuban National Bureau of Standards. Opening ceremony, Group photo	NC
09:30 – 10:15	<b>Introduction</b> Prepackage control as important part of legal metrology; harmonization and globalization aspects; OIML basic documents	Trainers
10:15 – 10:45	<b>Coffee Break</b>	
10:45 – 11:30	<b>Overview of the course.</b> Summary of the systems used by participating economies to control prepackaged products and national objectives in that field	Trainers and a participant from each economy
11:30 – 12:30	Review of OIML R 79 “Labeling requirements for prepackages”	Trainers
12:30 – 14:00	<b>Lunch</b>	
14:00 – 15:00	Continued - Review of OIML R 79 “Labeling requirements for prepackages”	Trainers
15:00 – 15:30	Review of OIML R 87 “Quantity of product in prepackages” <ul style="list-style-type: none"><li>• Scope</li><li>• Terminology</li><li>• Metrological requirements</li></ul>	Trainers
15:30 – 16:00	<b>Coffee break</b>	
16:00 – 17:00	Review of OIML R 87 “Quantity of product in prepackages” <ul style="list-style-type: none"><li>• Three packers rules</li><li>• Random sampling techniques - a statistically based method</li><li>• Controls by authority</li><li>• Group exercises</li></ul>	Trainers and participants
17:00 – 17:15	Summary of the day is training and review exercises.	All
<b>Wednesday, June 6, 2018</b>		
9:00 – 10:30	Demonstration and training in practice as regard as OIML R 87 “Quantity of product in prepackages.” <ul style="list-style-type: none"><li>• Determining tare</li><li>• Required equipment</li></ul>	Trainers

<b>Time</b>	<b>Details</b>	<b>Presenter</b>
	<ul style="list-style-type: none"> <li>• Traceability</li> <li>• Data capture manually and using electronic devices</li> <li>• Reference tests for goods packed by weight or volume</li> <li>• Group exercises</li> </ul>	
10:30 – 11:00	<b>Coffee break</b>	
11:00 – 12:30	Continued - Demonstration and training in practice as regard as OIML R 87	Trainers
12:30 – 14:00	<b>Lunch</b>	
14:00 – 15:30	<ul style="list-style-type: none"> <li>• Determining the quantity of drained goods packed in a liquid medium</li> <li>• Determining the actual quantity of frozen (glazed) products</li> </ul>	Trainers
15:30 – 16:00	<b>Coffee break</b>	
16:00 – 16:30	Consolidation of test methods for different product types in prepackages	All
16:30 – 17:00	Summary of the day's training and review exercise.	All
<b>Thursday, June 7, 2018</b>		
9:00 – 9:45	OIML R87 – Consolidation of Statistics, comparable sampling plans	Trainers
9:45 – 10:30	OIML Certification System for Prepackages: Guidance for defining the system requirements of a Certification system. OIML Guide G21:2017	Trainers
10:30 – 11:00	<b>Coffee break</b>	
11:00 – 12:30	Participants from each economy to present an overview of their Action Plans on how to implement the lessons learned into their economy	All
12:30 – 14:00	<b>Lunch</b>	
14:00 – 15:30	Site visit: (To be confirmed) – visit to a local prepackage production factory to demonstrate how inspection activities are undertaken in practice	All
15:30 – 16:00	<b>Coffee break</b>	
16:00 – 17:00	Closing ceremony	