

Training on testing breath alcohol analysers

DPM Tirana, 16 June and 17 June 2016

Agenda

Day 1

08.30	Registration of the participants	
09.00	Opening and welcome	Erinda Piluri
09.10	Session on Breath Alcohol Analysers	
	Introduction of participants, brief presentation of situation in their countries	All
09.30	How to define “evidential” and OIML R126 as a basis for evidential analysers Aims of type approval tests and verification tests, what to check at which stage? Lab equipment for type approval and for periodic verification	Regina Klüß
10.30	Coffee break	
11.00	Ethanol solutions: CRMs and lab-compounded solutions Discussion of questions from the participants	Regina Klüß
12.00	Test gas session	
	Overview of test gas sources	Regina Klüß
12.30	Lunch	
13.30	Preparation of wet test gas: Henry’s law: partition coefficients, saturation processes within the liquid phase, limits of this method, 3-flask bubble train versus simplified 1-flask-system	Regina Klüß
14.30	Preparation of lab-compounded solutions Visit to the DPM laboratories	Erinda Piluri
15.00	Coffee break	
15.30	Preparation of lab-compounded solutions (cont..) Visit to the DPM laboratories	Erinda Piluri
16.00	End of the first day	
18.00	Short city walk	
19.30	Dinner	

Day 2

09.00	Presentation and lectures about the use and maintenance of the Drager's instruments.	Matija Sinkovic Ozren Jakovac
10.30	Coffee break	
11.00	Limits and alcohol measurements units of the Breath Alcohol Analysers	Ozren Jakovac
11.30	Test measurements on the 3-flask-bubble train and on the simulator, practical comparison of the stability of both test gas sources	All participants assisted by Regina and Erinda
13:00	Lunch	
14:00	Evaluation of test results, how to take into account offsets or drift, what to consider when planning a test. Documentation of test results (verification certificates)	Erinda Piluri Regina Klüß
14.30	Discussion/ demonstration of questions from the participants regarding special tests	Regina Klüß
15.00	Evaluation and end of the workshop	