

RECOMMENDED TEMPLATE OF THE TECHNICAL PROTOCOL

Date

COOMET PROJECT No

Type of comparison
(key, supplementary or bilateral subsequent)

NAME

KCDB BIPM ID No

REPORT (DREAFT A or B)

Pilot lab:
NMI name and acronym

Contact person:
Name
NMI
Department (laboratory)
Mail address
Phone
Fax
e-mail

1. Participants

№	NMI	Address	Mail address for the traveling standard sending (in the case if it is different)	NMI acronym	Contact person	e-mail, phone fax
1						
2						
3						

2. Comparison fulfillment

2.1 Scheme of the comparison

The item should describe:

- Comparison technique (circulation of one transfer standard to all participating NMI's; sending an individual measurement standard from a pilot NMI to each participating NMI, or vice versa; some combination of these variants; etc;
- timetable;

2.2 Transfer standard

The item should describe:

- Name of the measuring device
- Type
- Model
- Serial number
- Dimension
- Weight
- Packing description
- Technical details unnecessary for usage
- Photo (if necessary)

2.3 Packing and unpacking

The item should describe:

- The list of the package content;
- Weight and dimensions of package;
- Description of the unpacking procedure;
- Description of the packing procedure for sending to the next participant

3. Measurement procedure

The item should describe:

- Descriptions of the measurand, measurement conditions, devices;
- Requirements to the measuring procedure which should be accounted in the participants reports;
- testing to be performed before measurement;
- service conditions of the transfer standard during measurement;
- Agreed equation of the measurement (if necessary);
- In the case of the applying own measurement procedures by the participants, they description should be done

4. Results of the comparison

The item should describe:

- Results of the participants measurements results and their total standard uncertainties
- Uncertainties budgets of the participants measurements results:

Standard uncertainty, Bq/g	A	B
Contribution due to		
Combined uncertainty (Quadratic summation)		
Total combined standard uncertainty		
Expanded uncertainty (k=2)		
Level of confidence		

5. Data evaluation

3. Evaluation of the results of comparisons

The item should contain the next information:

- Algorithm of the evaluation of the data sent by the participants
- For the key comparisons the next points should be given:
 - Linking technique to the KCRV,
 - The equivalences degrees for each participated standard,
 - The method of CMCs supporting;
- For the supplementary comparisons the next points should be given:
 - Algorithm of the data evaluation,
 - The method of CMCs supporting
- For the pilot studies the next points should be given:
 - Algorithm of the data evaluation,
 - Analysis of the declared uncertainty budget components;
 - The data consistency