1. Ref. No.: 557
2. Subject Field: ELECTRICITY

3. Type of collaboration: COMPARISON OF MEASUREMENTS STANDARDS

4A. Partners: (institutions) BNM-LNE, BEV, MIKES, INETI, AREPA, NPL, SP, IEN, CEM, PTB, NMi-VSL, OMH, JV, UME, METAS, CMI
4B. CEC funded?

5. Participating countries: FR, AT, FL, PT, DK, UK, SE, IT, SP, DL, NL, HU, NO, TU, CH, CZ

6. Title: Calibration of high voltage thermal converters (AC-DC difference)

7. Progress:
   This project takes place in the frame of a CCEM project (CCEM-k9 comparison), which is considered as a key comparison.
   The object of this comparison was to check the agreement between the NMIs for high voltage AC-DC measurements. Test voltage levels were 1000 V, 500 V and 200 V at frequencies of 1 kHz, 10 kHz, 20 kHz, 50 kHz and 100 kHz.
   The travelling standards have been measured in all the participating laboratories now. The draft A has been presented at the EUROMET AC-DC experts meeting in OSLO on June 10th – 12th 2003.
   The draft B for the CCEM project has been written and sent to the support group for corrections. It will be sent to the BIPM in the next weeks for approval. As soon as it will be approved, the draft B for the EUROMET project will be completed and sent to EUROMET.

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9. Completion date: 2003

Notes for completion of the form overleaf

*) Delete as appropriate