

Comparison of Surface Contamination Monitor Calibrations

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- To assess the current capabilities for Surface Contamination Monitor calibrations in the UK
- To determine if improvements have been made following conclusions from the last exercise

- EP15 and 44B contamination monitors circulated around 13 organisations for routine calibration
- Protocol and templates for reporting of results provided
- Calibrations of Instrument Response (emissions) performed
- Uncertainty budget for one instrument with one radionuclide required
- Additional information regarding reference sources and P-factors also requested

- Measurement phase is underway
- Each lab has one week in which to perform measurements
- One third of participants have now completed measurements
 - NPL
 - RWE Nukem, Winfrith
 - DSTL
 - NRPB, Chilton



Remaining Timetable

- NRPB, Glasgow November
- NRPB, Leeds
- HMS Sultan December
- RRPPS
- AWE January
- RPI, Ireland
- RWE Nukem, Harwell
- RPS, Velindre Hospital
- Johnson Controls February

- Working Group to analyse results, explain discrepancies, prepare conclusions and make recommendations
 - Meetings arranged for February and March
- Report to be written and published by NPL
 - Deadline March 2005