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Future Filters for IMS Radionuclide Particulate Operations

The radionuclide segment of the IMS is required to achieve a minimum of 95% data availability while maintaining high sensitivity for detection of nuclear explosions. These consistent levels of performance can only be achieved with the continued use of high-quality and reliable equipment and consumables. To manage and ensure the future supply of filter media needed to sustain longer-term IMS radionuclide particulate sampling, the PTS is preparing for the testing and qualification of the future supply of IMS filter materials. In preparation of identifying and validating future suppliers, an optimised test protocol for the acceptance testing of filter materials and for batch testing have been developed. Requirements, test protocols and test results for existing and candidate material will be presented.

Primary author: HERMANSPAHN, Nikolaus Helmut (CTBTO Preparatory Commission)

Presenter: HERMANSPAHN, Nikolaus Helmut (CTBTO Preparatory Commission)

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