

QUALITY ASSURANCE OF ENVIRONMENT
RADIOACTIVE MEASUREMENT IN CHINA

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ABSTRACT

This paper reported the work engaged in quality assurance of environmental radioactive measurements in China. It contains measurement intercomparison of environmental samples with Gamma Spectrometer for ten laboratories of Ministry of Nuclear Industry and quality control programme in investigation of natural radioactive level sponsored by EPA China. Examination on the analytical methods for soil samples and check on analyzed samples in environmental radioactivity level investigation for eleven provinces and three cities was also given in the paper.

Environmental sample reference materials which used as measurement intercomparison of environmental samples and examination samples and standard samples have been prepared in this work. The methods of intercomparison, examination and check for laboratories of MNI and many Environmental Monitor Central Station of Provinces were reported. Some questions in quality assurance were discussed.