

Radon and Radon Dec

presented at the

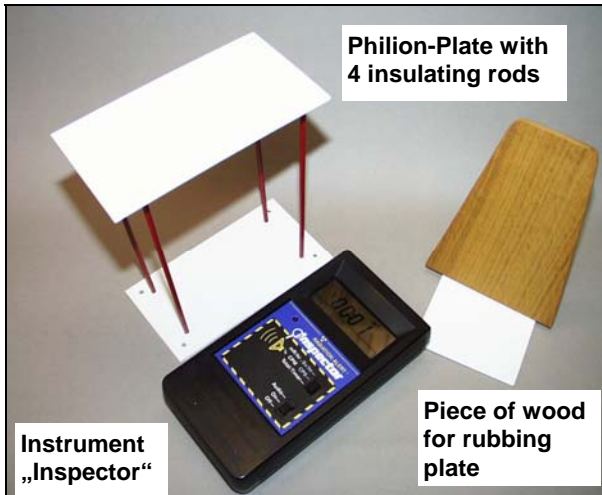
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Collection of radon decay products
from external air

Triboelectrostatic plateout
on a Philion-plate

Absorption of alpha rays

Transformation of elements

Wipe tests

Contamination and decontamination
of surfaces

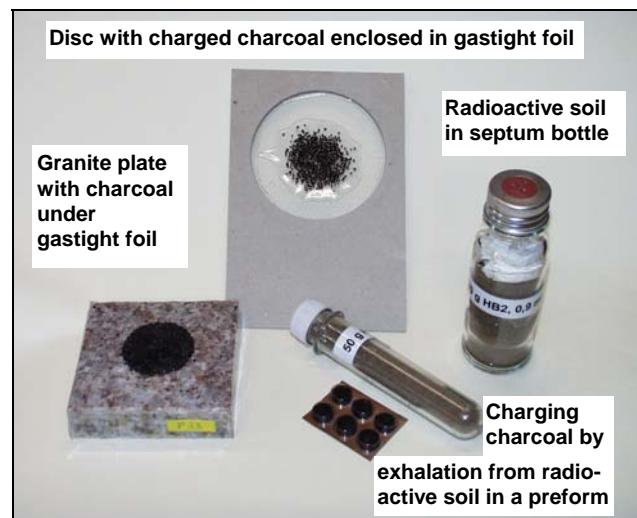
Exhalation of radon and absorption to
charcoal

Enclosure in gas-tight foil

Build-up of radon decay products

Determination of half-life of radon

Measurement of radon exhalation
from walls



Transport of radon water
in gas-tight PET-bottles

Collection of radon decay products
from tap water
by adsorption
on glass fiber filters

Determination of radon concentrations
in water
in radioactive equilibrium

