ISO Activity report to RASSC 42, Vienna, 12 - 14 June 2017

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Sub-Committee ISO/TC85/SC2 “Radiological Protection”

SCOPE OF SC2

SC 2 develops standards to protect people (workers, patients, members of the public) and the environment against all sources of ionizing radiations in planned, existing or emergency exposure situations linked to nuclear activities, medical activities, industrial activities, research activities and natural radiation sources (radon, cosmic radiation).

STANDARDS (new or revised) published in 2017

ISO16639 - Surveillance of the activity concentrations of airborne radioactive substances in the workplace of nuclear facilities
ISO18310-1 - Measurement and prediction of the ambient dose equivalent from patients receiving iodine 131 administration after thyroid ablation -- Part 1: During the hospitalization
ISO 18417 - Iodine charcoal sorbents for nuclear facilities -- Method for defining sorption capacity index

PUBLICATIONS EXPECTED SOON

ISO/FDIS 19361 Measurement of radioactivity -- Determination of beta emitters activities -- Test method using liquid scintillation counting
ISO/FDIS 19581 Measurement of radioactivity -- Gamma emitting radionuclides -- Rapid test method using NaI(Tl) gamma-ray spectrometry

RECENTLY APPROVED NEW WORK ITEM

ISO 20043-1 Measurement of radioactivity -- Guidelines for environmental monitoring for effective dose assessment -- Part 1: Planned and existing exposure situation
ISO 16640 Monitoring radioactive gases in effluents from facilities producing positron emitting radionuclides and radiopharmaceuticals
ISO/AWI 22127 Dosimetry with radiophotoluminescent glass dosimeters for photon radiations in radiotherapy

NEXT PLENARY MEETING OF ISO/TC 85/SC 2

The annual meeting of SC 2 will be held in Worcester, USA, 13 -16 June 2017

Further information may be found on http://www.iso.org/iso/home/store/catalogue_tc/home/store/catalogue_tc/home/store/catalogue_tc/home/store/catalogue_tc/home/store/catalogue_tc/browse.htm?commid=50280&published=on&development=on or asked to Mrs. Laurence THOMAS, laurence.thomas@afnor.org