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Errata on 49 CFR Part 71 et. al., Hazardous Materials Regulations; Compatibility with the Regulations of the IAEA; Proposed Rules *Federal Register/Vol. 67, No. 83 (4/30/2002)*

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OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

And

Errata on 10 CFR Part 71, Compatibility with IAEA Transportation Standards(TS-R-1) and Other Transportation Safety Amendments; Proposed Rules *Federal Register/Vol. 67, No. 83 (4/30/2002)*

UPDATED Version: 5/22/2002

- Radionuclide Al-26 value for specific activity in 10 CFR 71 Table A-1 should be changed from 190 Ci/g to 0.019 Ci/g.
- A₁ and A₂ values in both 10 CFR 71 Table A-1 and 49 CFR 173.435 for Ar-39 appear reversed from that listed in IAEA TS-R-1.
- Radionuclide Be-10 value for specific activity in 10 CFR 71 Table A-1 should be changed from 220 Ci/g to 0.022 Ci/g.
- Radionuclide Cs-136 value for specific activity in 49 CFR 173.435 should be changed from 0.0027 TBq/g to 270 TBq/g.
- Radionuclide Dy-165 value for A₂(Ci) in 10 CFR 71 Table A-1 should be changed from 0.16 to 16 Ci.
- Radionuclide Eu-150 (long-lived) value for A₁(TBq) in 10 CFR 71 Table A-1 and 49 CFR 173.435 is not consistent with IAEA TS-R-1 value of 0.7.
- Radionuclide Fe-59 value for A₂(TBq) in 10 CFR 71 Table A-1 is in error.
- Radionuclide Ho-166m value for A₂(TBq) in 10 CFR 71 Table A-1 should be 0.5.
- Radionuclide K-43 value for A₂(TBq) in 10 CFR 71 Table A-1 should be 0.6.
- Radionuclide Kr-81 value for A₁(TBq) in 49 CFR 173.435 should be 40, A₁(Ci) in 49 CFR 173.435 should be 1100.
- Radionuclide Kr-85 value for A₂(TBq) in 49 CFR 173.435 should be 10, A₂(Ci) in 49 CFR 173.435 should be 270.
- Radionuclide La-140 value for A₂(Ci) in 49 CFR 173.435 should be 11.
- Radionuclide Lu-177 value for A₂(TBq) in 49 CFR 173.435 should be 0.7, A₂(Ci) in 49 CFR 173.435 should be 19.
- Radionuclide Mn-52 value for specific activity (Ci) in 49 CFR 173.435 should be 4.4E+05.
- Radionuclide Np-236 (long-lived) value for A₁(TBq) in IAEA TS-R-1 is 9; A₂(TBq) in IAEA TS-R-1 is 0.02, different from the values in both 49 CFR 173.435 and 10 CFR 71, Table A-1.
- Radionuclide Pt-197m value for A₂(TBq) in 49 CFR 173.435 should be 0.6, A₂(Ci) in 49 CFR 173.435 should be 16.
- Radionuclide Pu-239 value for A₂(Ci) in 10 CFR 71, Table A-1 should be 0.027.
- Radionuclide Pu-240 value for specific activity (Ci) should be 0.23 Ci/g.
- Radionuclide Ra-225 value for A₂(Ci) in 10 CFR 71, Table A-1, should be 0.11.
- Radionuclide Ra-228 value for A₂(TBq) in 10 CFR 71, Table A-1, should be 0.02.
- Radionuclide Rh-105 value for A₂(Ci) in 10 CFR 71, Table A-1, is in error.
- Radionuclide Sc-46 value for A₁(TBq) in 10 CFR 71, Table A-1, should be 0.5.
- Radionuclide Sn-119m value for A₂(TBq) in 10 CFR 71, Table A-1, should be 30.
- Radionuclide Sn-126 value for specific activity (TBq) in 10 CFR 71, Table A-1 should be 0.001.
- Radionuclide H-3 value for A₂(TBq) in 10 CFR 71, Table A-1, should be 40.
- Radionuclide Ta-179 value for A₁(TBq) in 10 CFR 71, Table A-1, should be 30.
- Radionuclide Tb-157 value for A₁(TBq) in 10 CFR 71, Table A-1, should be 40; value for specific activity (TBq) in 10 CFR 71, Table A-1, should be 0.56 TBq/g.
- Radionuclide Tb-158 value for A₂(Ci) in 10 CFR 71, Table A-1, should be 27. value for specific activity (TBq) in 10 CFR 71, Table A-1, should be 0.56 TBq/g.
- Radionuclide Tb-160 value for A₁(Ci) in 10 CFR 71, Table A-1, should be 27.
- Radionuclide Tc-96 value for A₁(TBq) in 10 CFR 71, Table A-1, should be 0.4.

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- Radionuclide Tb-96m value for A_1 (TBq) in 10 CFR 71, Table A-1, should be 04, value for A_2 (TBq) in 10 CFR 71, Table A-1, should be 0.4.
- Radionuclide Tc-97 value for specific activity (TBq) in 10 CFR 71, Table A-1, should be 5.2E-05, value for specific activity in 10 CFR 71, Table A-1, should be 0.0014.
- Radionuclide Te-125m value for A_2 (Ci) in 10 CFR 71, Table A-1, should be 24.
- Radionuclide Te-129 value for A_1 (TBq) in 10 CFR 71, Table A-1, should be 0.7, value for A_2 (TBq) in 10 CFR 71, Table A-1, should be 0.6.
- Radionuclide Te-132 value for A_1 (TBq) in 10 CFR 71, Table A-1, should be 0.5.
- Radionuclide Th-227 value for A_2 (Ci) in 10 CFR 71, Table A-1, should be 0.14.
- Radionuclide Th-231 value for A_2 (TBq) in 10 CFR 71, Table A-1, should be 0.02.
- Radionuclide Th-234 value for A_1 (TBq) in 10 CFR 71, Table A-1, should be 0.3.
- Radionuclide Ti-44 value for A_1 (TBq) in 10 CFR 71, Table A-1, should be 0.5, value for A_2 (TBq) in 10 CFR 71, Table A-1, should be 0.4, value for A_2 (Ci) in 10 CFR 71, Table A-1, should be 10.
- Radionuclide Tl-200 value for A_1 (TBq) in 10 CFR 71, Table A-1, should be 0.9.
- Radionuclide Tl-204 value for A_2 (TBq) in 10 CFR 71, Table A-1, should be 0.7.
- Radionuclide U-230, U-232, U-233, and U-234 values for medium and slow lung absorption, and U-236 values for slow lung absorption are not consistent with IAEA TS-R-1.

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