

CALIBRATION CAPABILITIES

Exposure Rates Gamma and Neutron Sources

SOURCE	RADIATION	LOW LIMIT	UPPER LIMIT
Cs137	Gamma	Background	40 R/h
Ra226	Gamma	Background	25 mR/h
Cf252	Neutron	0.1 mrem/h	5 rem/h

Beta Reference Sources

ISOTOPE	AVERAGE BETA ENERGY
C14	49 keV
P147	62 keV
Tc99	85 keV
Cl36	251 keV
Bi210	389 keV
Sr90	565 keV

Alpha Reference Sources

ISOTOPE
Am241

Gamma Reference Sources

ISOTOPE
I129

Check Sources

SOURCE	RADIATION	ENERGY
Fe55	Gamma	Peak ~6 keV
Cd109	Gamma	Peak 88 keV
Ba133	Gamma	Multiple Peaks, 81 keV, 303 keV
Co60	Gamma	Peak 1.173, 1.33 meV

Health Physics Instruments Division of Far West Technology

330 S. Kellogg Ave, Suite D, Goleta, CA 93117 Tel: 805 964 3615 Fax: 805 964 3162 Email: info@fwt.com Site: www.fwt.com