



The World's Sixth Sense™

Director of the Office of Federal and State Materials and Environmental Management Programs,  
U.S. Nuclear Regulatory Commission,  
Washington, DC 20555-0001

Attention: Document Control Desk/Exempt Distribution

FLIR Detection, Inc. 100 Midland Road, Oak Ridge, TN 37830.

State TN License Number: R-01097-C24

NRC License Number: 41-25639-01E

Pursuant to sections §32.14 and §32.18, 10 CFR Part 32, FLIR Detection, Inc. is authorized to distribute licensed material as specified in 30.71, Schedule B, in the form of calibration sources manufactured by Spectrum Techniques, Inc. The following chart summarizes those materials transferred during the period January 1st, 2018 thru December 31st, 2018:

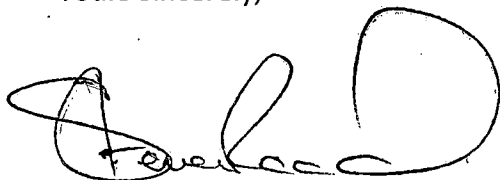
Source	Activity of Radionuclide (μCi)	Quantity Transferred	Chemical and/or Physical Form	Total Activity (μCi)
Eu-152	1	19	Chloride / Button	19
Ba133	1	4	Chloride / Button	4
Cs137	0.1	4	Chloride / Button	0.4
Na22	0.5	4	Chloride / Button	2
Mn54	1	4	Chloride / Button	4
Co57	1	4	Chloride / Button	4
Co60	0.5	4	Chloride / Button	2
Cd109	1	4	Chloride / Button	4

Pursuant to sections §30.15 and §30.18, 10 CFR Part 30, FLIR Detection, Inc. is authorized to distribute ionizing radiation instruments containing exempt quantities of cesium-137 and manganese-54 in the form of calibration sources manufactured by Spectrum Techniques, Inc. The following chart summarizes those materials transferred during the period January 1st, 2018 thru December 31st, 2018:

Source	Activity of Radionuclide (μCi)	Quantity Transferred	Chemical and/or Physical Form	Total Activity (μCi)
Cs-137	0.003	20	Chloride / Laminated	0.06
Cs-137	0.015	487	Chloride / Laminated	7.305
Cs-137	0.025	5	Chloride / Laminated	0.125

A combined total of 559 exempt sources were transferred in 2018 with a combined total activity of 46.89 microcuries.

Yours Sincerely,



Steven Read  
Radiation Safety Officer

CC Dennis Barket –General Manager  
CC Charles Arnott – State Tennessee, Division of Radiological Health