

Revised April 4, 2015



Document Control Desk/Exempt Distribution
Director, Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

RE: Annual Exempt Distribution Report

Bruker Detection Corp.
40 Manning Road
Billerica, MA 01821 USA
Tel: (978) 663-3660
Fax (978) 667-4706
www.bruker.com/detection

Dear Madam or Sir,

Enclosed please find Bruker Detection Corporation's annual transfer report for shipment of devices to users exempt from licensing requirements as per our Exempt Device Registration No. NR-1101-D-102-E and Exempt Distribution License No. 20-32465-02E.

Exempt Gas and aerosol devices containing sealed sources as specified in Condition 10 of licenses 20-32465-02E were transferred pursuant to 10 CFR 32.26 for use under 10 CFR 30.20. or equivalent provisions of the regulations of any agreement state.

Distribution and transfer of exempt quantities of byproduct material specified in Condition 9.B-O of license 20-32465-02E were transferred pursuant to 10 CFR 32.18 for use under 10 CFR 30.18 or equivalent provisions of the regulations of any agreement state.

The total quantity of devices transferred in the calendar year 2014 ending December 31, is as follows:

Instruments with sealed sources				
Instrument name and Model number	quantity	activity	Total activity shipped	Transferred under
RAID-M-100 / 26533	148	Ni-63 100Mbq	14800. Mbq	10 CFR32.26
RAID-AFM / 268900	26	Ni-63 100Mbq	2600. Mbq	10 CFR32.26
ARFCAM / 253650	0	Ni-63 100Mbq	0 Mbq	10 CFR32.26
IPDS-LR / 275000	83	Ni-63 100Mbq	8300. Mbq	10 CFR32.26
μRAIDS / 269600	10	Ni-63 100Mbq	1000. Mbq	10 CFR32.26
			Total 26700Mbq	

Calibration Source				
Cesium-137 15 nCi solid sealed	5	Cs-137 .000555Mbq	.002775Mbq	10 CFR 32.18
			Total .002775	

The total activity of exempt Ni-63 sealed sources transferred under 10 CFR 32.20 and 10 CFR32.26 in year 2014 was 26700Mbq

The total activity of exempt Cs-137 sealed sources transferred under 10 CFR 32.18 in year 2014 was .002775Mbq

If you have any questions please contact me at 1-978-663-3660 x1307 or e-mail me at George.Gleason@BrukerDetection.us

Sincerely,

George Gleason
Radiation Safety Officer

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