



Smiths Detection

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Attn: Document Control Desk/Exempt Distribution
Director of the Office of Federal and State Materials and
Environmental Management Programs
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

RE: Annual Exempt Distribution Report

Dear Director:

Listed below, please find the Smiths Detection 2014 annual report for distribution of devices to users exempt from licensing requirements as per 10 CFR 32.29(c).

1. This section is pertaining to Exempt Device Registration No. NR-0163-D-102-E, under Exempt Distribution License No. 19-24009-01E. The devices distributed and useful as described in 10 CFR 30.20(a).

The total quantity of devices distributed to locations within the US, during the calendar year ending 2014 was 128.

The breakdown of these distributions, by model, is as follows:

Model	Isotope	Activity per source in mCi	Source quantity	Units distributed 2014	Total Activity distributed in mCi
IonScan 400B	Ni ⁶³	15	1	32	480
IonSacr 500DT	Ni ⁶³	15	2	5	150
Sabre 4000	Ni ⁶³	15	1	1	15
Sabre 5000	Ni ⁶³	15	1	0	0
MMTD	Ni ⁶³	15	1	74	1110
Sentinel II	Ni ⁶³	15	1	0	0
Sabre Centurion II	Ni ⁶³	15	1	16	240

Total in mCi 1995

NM5503

In addition to the above device distributions, there were 7 devices, which were originally distributed as General Licensed during previous years, and have now been converted and redistributed as Exempt devices.

The breakdown of these up-upgrades from general license to exempt distributions, by model, is as follows:

Model	Isotope	Activity per source in mCi	Source quantity	Units distributed 2014	Total Activity distributed in mCi
IonScan 400B	Ni ⁶³	15	1	1	15
IonSacr 500DT	Ni ⁶³	15	2	6	180
Total in mCi					195

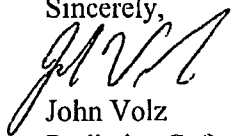
- This section is pertaining to Exempt Distribution License No. 06-24000-01E, as described in 10 CFR 30.15,(a),(9).

The breakdown of these distributions, by model, is as follows:

Model	Isotope	Activity per source in nCi	Source quantity	Units distributed 2014	Total Activity distributed in nCi
RadSeeker DL and CL	NA ²²	5.4	1	349	1884.6
RadSeeker CS	NA ²²	16.2	1	9	145.8
Total in nCi					2030.4

If you should have any questions please contact me by phone at (410) 612-2535 or by email at john.volz@smithsdetection.com.

Sincerely,



John Volz
Radiation Safety Officer
Smiths Detection Edgewood