

~~SECRET~~

Equipment

B. Decontamination Center

The individual design and calibration of instruments designed to monitor waste water, smoke from the incinerator, valuable equipment, vital records, and specific requirements for monitoring of the decontamination shower room should be under the direct supervision of the health physicist. Many problems will arise because of the unique nature of this work, and because this department lacks the advise of a health physicist, it is anticipated that many points will be overlooked with respect to this unusual radiation monitoring problem. However, the basic radiation equipment is contained herein and can be redesigned and further instruments added when and if a health physicist is added to this Staff.

Radiation Equipment

List #7

<u>T.L. Catalog No.</u>	<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>
S.C. 1B	Auto scaler	2	ea @	\$650.00
T.G.C-1	(3-4 mg/cm ² mica window) counting tube	6	ea @	50.00
T.G.C-2	(Less than 2 mg/cm ² mica window) counting tube	6	ea @	75.00
SM-60A	Electric Stopclock	2	ea @	55.00
SC-8	Scater cart	2	ea @	38.00
SC-10A	Sample Holder and Tube mount	2	ea @	60.00
P-5	Tube holders	6	ea @	12.50
P-6	Short removable lead shield	6	ea @	27.50
P-7	Long Removable lead shield	6	ea @	37.50
SU-1B	Radiation Survey Meter	5	ea @	275.00
SU-3A	Laboratory Monitor with T. L. T. G.C.-2 Geiger Tubes	8	ea @	310.00
P-9	Laboratory Monitor Probe with 4 cable	8	ea @	25.00
SU-5	Beta, Gamma Survey Meter with probe and 3 6" cable attached to TGC-5 tube	8	ea @	235.00
TG3-3	Geiger Tubes with removable beryllium and copper absorbers	6	@	100.00
TGC-4	Glass Gamma Tube (dipping)	8	@	12.00
TGC-5	Glass Beta Gamma tube dipping	8	@	14.00
R-1	Calibrated Radioactive Reference Source	2	@	15.00
R-3	" " " "	2	@	15.00
R-5	" " " "	2	@	15.00
R-7	" " " "	2	@	15.00
R-10	Uncalibrated " " " "	2	@	7.50
R-15	Calibrated " " " "	2	@	15.00
R-11	Simulated I ¹³¹ Reference Source Set	1	@	50.00
R-12	" P ³² " " " "	1	@	50.00
E-3A	Absorbers	2	box @	50.00
E-11	Lead Bricks	50	ea. @	9.60
E-12	Lead Container	4	ea. @	105.00

~~SECRET~~

<u>T.L. Catalog No.</u>	<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>
E-15	Cylindrical Lead Container (Carrying)	4	ea. @	\$ 25.00
UI	Minometer Complete with 10.2r chamber	4	ea. @	160.00
U-2	Chambers 0.2r each	20	ea. @	12.50
T.L.	Film Badges	400	@	.50
SM-2	Recording Type Beta Gauge	2	@	unquoted
SU-6	Pocket Radae ionization chamber	12	@	49.50
SU-10	Radae all purpose ionization chamber	8	@	195.00
P-12	Alpha Scintillation Dector	6	@	135.00
SC-15	Pulse Amplifier with P-14 preamplifier	1	@	395.00

In addition to this radiation equipment included herein is a list of medical supplies.