



INSTRUMENT CALIBRATION

CAL# 1234
Prev. 1233

health physics instruments

330 D South Kellogg Ave, Goleta, CA 93117 Tel 805.967.8422 Fax 805.964.3162 Division of Far West Technology, Inc.

INSTRUMENT OWNED BY:

DATE:

Company Name

Jan 1, 2001

MFG.:
Radiation Mfg Co.

MODEL:
123

TYPE / RADIATION DETECTED
CRM / Gamma Beta

SERIAL NUMBER:
9876

BATTERIES:
Three D cell

PROBE SN/TYPE:
12345 Pancake

CALIBRATION SOURCE DATA :

Source	Type	Cal Constant	Source	Type	Cal Constant
CS2:	CS137	mR/h @ 1 Meter	CS1-2:	CS137	115.4 mR/h @ 1 Meter
CS1:	CS137	mR/h @ 1 Meter	S:	Ra-226	1.929 mR/h @ 1 Meter
CS1-1:	CS137	mR/h @ 1 Meter	W:	Ra-226	0.128 mR/h @ 1 Meter
CS1-3:	CS137	mR/h @ 1 Meter	N:	Cf252	mrem/h @ 1 Meter

Source	Distance cm	Exposure mR/h	Scale Readings (mR/h)				
			X100	X10	X1	X.1	
CS1-2	87.7	150	130				
	151.9	50	70				
S	35.9	15		16			
	62.1	5		5			
W	113.4	1.5			1.5		
	196.4	.5			.5		
W	92.3	.15				.12	
	159.9	.05				.05	

BAROMETER mmHg:

TEMPERATURE °C

EFFICIENCY % TC99

EFFICIENCY % SR90

762

21

22

45

COMMENTS:

CPM ranges set electronically. Background subtracted from all readings. () indicates reading before calibration. Gamma calibrations from the side of all GM tubes. Calibrations traceable to the National Institute Of Standards And Technology.

Instrument OK

CALIBRATION BY: RON GODDEN

CHECKED BY: JOHN S. HANDLOSER, JR.