

Calibration Report
8/5/2011
As Calibrated-8-5-2011

Survey Meter Model #: RDTX-PRO
Survey Meter S/N: 001
Probe Meter Model #: Attached
Probe Serial Number: N/A
Customer Name: Scosche
Customer P.O.: N/A
Received: New
Inovision WO/RO/SO: N/A
Customer #: N/A
Survey Meter Description: Digital Survey Meter
Tolerance Condition: The % Error must be less than 10%.
Tolerance Statement: Unit is in Tolerance
Calibration Source: Cs-137
Check Source Reading (µSv/Hr): N/A
Notes: Time Calibrated 12:50 pm

Environmental Constraints:

The survey meter is designed to read accurately from -20 C to 50 C.
The probe is capable of reading from 0 to 10,000 µSv/hr.

Calibration Description:

The detector is exposed through the side of the detector and calibrated on all ranges according to CAL-SURVEY METER, Revision 2.

All readings were corrected for background.

The % Error is calculated using the following formula:

$$\% \text{ Error} = ((\text{Indicated} - \text{Actual}) * 100) / (\text{Actual})$$

The uncertainty of the calibration is 3.6%, with 2.2% associated with the uncertainty of the source.

This calibration is traceable to the National Institute of Standards and Technology.

The calibration is warranted to be within specified accuracy limits, at the time of calibration. In the event of a calibration error, our liability is limited to standard recalibration cost. We cannot be responsible for injury or damages resulting from improper use.

Proper function and reliability of the instrument described in this document are highly dependent upon handling and use. It is recommended the user establish a technique to monitor the constancy of the instrument response before and after its return to the manufacturer.

This certificate shall not be reproduced except in full, without the written approval of the manufacturer.

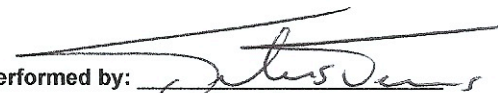
If there are any problems with the calibration of the instrument, please contact the calibration laboratory manager.

Calibration Data
As Calibrated-8-5-2011

Survey Meter Model #: RDTX-PRO
Survey Meter S/N: 001

Calibration Data: As Calibrated
Temperature (C): 22.7
Pressure (mm Hg): 733.7

Rate Calibration Point	Range	Rate (nSv/hr)	Net (nSv/hr)	% Error	cpm
500 mCi Cs-137 at 450 cm w/ 5 Att	0-1000 nSv/hr	340	327.0	-3.7 % - Pass	14
500 mCi Cs-137 at 450 cm w/ 4 Att	0-1000 nSv/hr	679	684	0.7 % - Pass	30
		(uSv/Hr)	(uSv/Hr)		
500 mCi Cs-137 at 450 cm w/ 3 Att	0-10 uSv/hr	3.18	3.2	0.5 % - Pass	140
500 mCi Cs-137 at 450 cm w/ 2 Att	0-10 uSv/hr	6.01	6.1	1.4 % - Pass	253
		(uSv/Hr)	(uSv/Hr)		
500 mCi Cs-137 at 450 cm w/ 1 Att	0-100 uSv/hr	30.6	30.5	-0.3 % - Pass	1300
500 mCi Cs-137 at 450 cm w/ 0 Att	0-100 uSv/hr	61.2	62.0	1.3 % - Pass	2656
		(uSv/Hr)	(uSv/Hr)		
500 mCi Cs-137 at 146 cm w/ 1 Att	0-1000 uSv/hr	274.3	277.0	1 % - Pass	11160
500 mCi Cs-137 at 146 cm w/ 0 Att	0-1000 uSv/hr	551.2	535.0	-2.9 % - Pass	22070
4 Ci Cs-137 at 130 cm w/ 1 Att	0-10000 uSv/hr	2527.0	2430.0	-3.8 % - Pass	98700
4 Ci Cs-137 at 130 cm w/ 0 Att	0-10000 uSv/hr	5196.8	5100.0	-1.9 % - Pass	220000

Calibration Performed by: 
Julius James

Date: 8/5/2011

Technical Review: 

Date: 8/5/11

The suggested recalibration date is: 05-Aug-12