

FAX COVER SHEET
OTSEGO MEMORIAL HOSPITAL
DEPARTMENT OF RADIOLOGY
825 N. CENTER STREET
GAYLORD, MI 49735

TO: Bill Reichhold

HOSPITAL/COMPANY: NRC

FAX NUMBER: 630 829 9782

FROM: Russ Pensyl CNMT RT(N)

FAX NUMBER: (989) 731-2479
BUSINESS PHONE: (989) 731-2175

DATE & TIME 5/12/06 :

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RE: Sealed Source Leak test / Survey Meter Calibration

ATTN: _____

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B.H., Let me know if you need anything else.

Russ (989) 731-2188

Medical Physics Consultants, Inc.

Licensee: Otsego Memorial Hospital

Date: 02/15/06

Performed by: James Botti

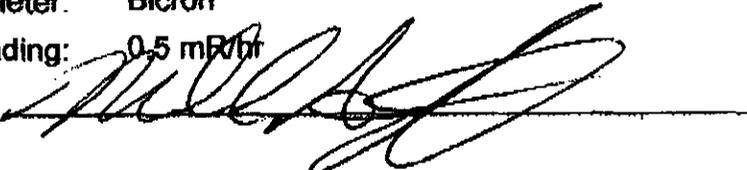
Nuclide	Type	Calibration		Location	M/N	S/N
		Activity	Date			
Co-57	Flood	15 mCi	12/01/04	Hot Lab	NES-8430	1090-002
Cs-137	Vial	266 uCi	06/18/85	Hot Lab	MLD-01	188461B
Ba-133	Vial	262 uCi	06/18/85	Hot Lab	MLD-01	189461C

SEALED SOURCE AMBIENT EXPOSURE SURVEY

Meter: Bicon

Max Reading: 0.5 mR/hr

RADIATION SAFETY OFFICER:



Date: 02/15/06

Medical Physics Consultants, Inc.

Location: Otsego Memorial Hospital

Licensee: Otsego Memorial Hospital

Date: 02/15/06

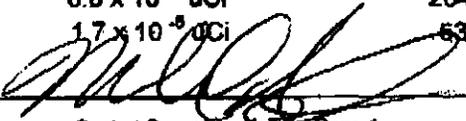
Performed by: James Botti

Nuclide	Type	Calibration		Location	M/N	S/N
		Activity	Date			
Co-57	Flood	15 mCi	12/01/04	Hot Lab	NES-8430	1090-002
Cs-137	Vial	285 uCi	06/18/85	Hot Lab	MLD-01	189461B
Ba-133	Vial	262 uCi	06/18/85	Hot Lab	MLD-01	189461C

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The following Minimum Detectable Activities are based upon a background at the indicated value. Background was at or below these levels when the above tests were completed.

Well Counter: Captus 3000

Nuclide	MDA	Background
Cs-137	2.0×10^{-4} uCi	145 counts/1 min
Ba-133	8.8×10^{-5} uCi	204 counts/1 min
Co-57	1.7×10^{-5} uCi	53 counts/1 min

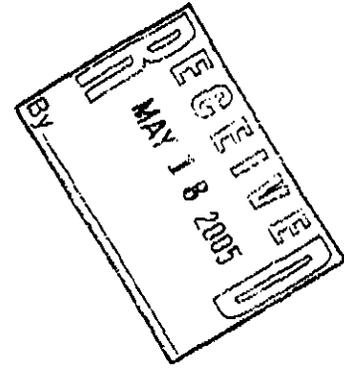
RADIATION SAFETY OFFICER: 



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Facility: Otsego Memorial Hospital
 825 North Center
 Gaylord MI 49735



Instrument: Manufacturer: Bicron
 Type: GM
 Model #: Surveyor 2000
 Serial #: A870C
 Probe Type: S.W.
 Probe Serial #: A412T

Calibration Geometry: Probe perpendicular to source, shield closed.

Calibration Source: Cs-137 calibrated on 12/6/83 (+/- 3% NBS). Exposure Rate on 1/10/05: 27.78 mR/h at 1 meter. (NRC License No. 21-20153-01)

Calibration Data:

Scale	Exposure	Reading	Exposure	Reading	Correction
	mR/h	mR/h	mR/h	mR/h	Factor
x 0.1	0.06	0.06	0.13	0.13	1.0
x 1	0.6	0.65	1.3	1.3	1.0
x 10	6	6	13	13	1.0
x 100	60	60	130	130	1.0
x 1000	300	300	700	700	1.0

n

Date Received: 05/10/2005 **Date Calibrated:** 05/17/2005

Check Source Reading: 0.5 mR/h (Source to closed side window at "X".)

Battery Check: BAT OK

High Voltage: 885 Volts

Repairs: None

Comments: All instrument readings are within +/- 10% for all scales used. Drift check was acceptable. Please note applicable scale correction factors in order to obtain accurate readings in mR/h.

Note: This instrument must be checked for proper operation with its dedicated check source prior to use. A reading as described above denotes proper operation.

Calibrated by: *Ryan Dzahbazoff*
 Ryan Dzahbazoff

10096

Date: 02/15/06

Medical Physics Consultants, Inc.

SURVEY METER EVALUATION

Manufacturer: BICRON
Type: GM
Model Number: SURVEYOR 50
Serial Number: A121D
Probe Model: END WINDOW
Annual Calibration Due: 2/11/2006

Battery check acceptable: YES
Operational check acceptable: N/A
Constancy check acceptable: YES
current reading: 7.00 mR/hr
calibration reading: 7.00 mR/hr

Manufacturer: BICRON
Type: GM
Model Number: SURVEYOR 2000
Serial Number: A670C
Probe Model: SIDE WINDOW
Annual Calibration Due: 5/17/2006

Battery check acceptable: YES
~~Operational check acceptable: YES~~
Constancy check acceptable: YES
current reading: 0.50 mR/hr
calibration reading: 0.50 mR/hr