

## INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

LaPorte District 315 E Boyd Boulevard, P.O. Box 429 LaPorte, IN 46350, 46352 PHONE: (219) 362-6125 FAX: (219) 325-7516

Mitchell E. Daniels, Jr., Governor Michael B. Cline, Commissioner

July 7, 2011 VIA - US Mail and Fax 630-515-1078

Mr. Michael Herr U. S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Il 60532-4352

Re: NRC Material License 13-26340-01

Dear Mr. Herr,

As we discussed yesterday, the old storage facility at 302 Philadelphia Street, LaPorte, Indiana for our Nuclear Gauges needs to be removed from the referenced NRC Material License. The gauges are stored at 315 East Boyd Blvd, LaPorte, Indiana and INDOT never stored gauges at both locations. All the gauges were moved from the old location to our present location on or just prior to May 28, 2003. Included with this letter is an unsigned letter dated May 28, 2003 from Thomas Konieczny, former Radiation Safety Officer to the Nuclear Regulatory Commission concerning this change that evidently was never sent.

Condition 10 for our current license should be amended to eliminate the storage facility at 302 Philadelphia Street, LaPorte, Indiana.

I am including copies of the leak tests from that the time period around May 2003 for all 19 gauges stored at that location and I am including all of the most current leak tests. I am also including the current inventory of our 18 Nuclear Gauges. Please note that Troxler Model 3440 Gauge Serial Number 18795 was stolen between June 28 and 29, 2005 and never recovered. The letter documenting this to the Nuclear Regulatory Commission is included. There is no history of any leaking gauges in our possession or at 302 Philadelphia Street or 315 East Boyd Blyd, LaPorte, Indiana.

You gave the LaPorte District several options to correct my lack of nuclear gauge experience with the primary option for me to obtain 8 hours operating the nuclear gauge. I currently have had 2.5 hours completed toward that goal. I will inform you when I have accomplished a minimum of 8 hours nuclear gauge experience and I will not act as a trainer until you are informed of the completion of the necessary experience.

Sincerely.

David W. Schelling, PE, RSO

LaPorte District Testing Engineer

cc: William Meeks, PE, MBA

Attachments: 1) unsent May 28, 2003 letter, 2) July 6, 2011 Gauge Inventory, 3) 2003 Leak Tests, 4) Current Leak Tests, 5) July 18, 2005 letter concerning stolen gauge

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FRANK O'BANNON, Governor J. BRYAN NICOL, Commissioner

May 28, 2003

Mr. Loren Hueter Nuclear Regulatory Commission 801 Warrenville Road, Suite 255 Lisle, IN 60532-5351

RE: Amendment to License Number 13-26340-01

Dear Sir:

We are requesting an amendment to the above referenced NRC Material License to reflect a change in the licensed materials storage location. Everything else remains the same.

Condition 10 should be amended to eliminate the storage facility at 302 Philadelphia Street, LaPorte, Indiana.

In order to preclude the need for a close-out survey of that facility, we are including copies of the latest leak test results for all the gauges transferred to our new facility.

We also wish to confirm that during the operations of our facility at 302 Philadelphia Street, we have never possessed or stored any leaking sources.

If you need any additional information, please let us know. Thank you for your assistance with this matter.

Very truly yours,

Thomas D. Konieczny Radiation Safety Officer

## July 6, 2011 LaPorte District Nuclear Gauge Inventory

Comm. No.	Gauge	Serial	PE PS
49826	106	18798	Zeider (Marshall County)
49827	107	18615	LaPorte District Storage
71554	71554	20488	LaPorte District Storage
71556	71556	20495	Berg (St Joe County)
76790	22659	22659	Zembala (Carroll County)
76791	22664	22664	Barich (LaPorte County)
76792	22665	22665	Panos/Ayres (DO)
76793	22658	22658	LaPorte District Storage
82313	24696	24696	Stryzinski (Lake County)
82314	24694	24694	Eaton (Porter County)
83227	77	15460	Stiver (St Joe County)
83228	81	15674	LaPorte District Storage
83229	85	15842	LaPorte District Storage
83230	83	15846	LaPorte District Storage
83231	84	15847	Ward (Cass County)
83232	71555	20486	Kinsey (Clymers)
96785	H2651	2651	Dubash (St. Joseph Co.)
96786	H2657	2657	Schamberger (Marshall County)



3008 Cornwallis Rd., P.O. Box 12057 Research Triangle Park, NC 27709 Tel: (919) 549-8661 Fax: (919) 485-2250

License: NC 032-0182-1

39.0

LEAK TEST CERTIFICATE			
DEVICE: Model: 3440 SEALED SOURC	Serial No:	15460 Samp	ole Date: <u>4~4~3</u>
NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCi)	CURRENT ACTIVITY (mCi)
CS-137	50 - 4401	8,0	5.6

#### **LEAK TEST ANALYSIS:**

AM-241:BE

The sample has been analyzed using a counting system capable of measuring beta, gamma, and alpha contemination which was last calibrated on: 12/13/02

40.0

47 . 10851

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background messurement (cpm)	0	24
Sample measurement (cpm)	0	20
Activity (uCl)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3.3E-05

This certifies that the above leak test results are:  ☐ Less than 0.005 uCi (185 Bq) ☐ Greater than 0.005 uCi (185 Bq)				
Measurement Date: 4/9/03	Certified by: Greg Wells			
If greater than 0.005 uCi (185 Bq)	):			
Person Notified	Date			
Phone	and/or Fax			



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License: NC 032-0182-1

#### LEAK TEST CERTIFICATE

**DEVICE:** 

Model: 3440 Serial No:

15674

Sample Date: 4-10-3

SEALED SOURCES:

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCl)	CURRENT ACTIVITY (mCl)
CS-137	50 - 4767	. 8.0	б.6
AM-241:BE	47 - 11070	40.0	39.0

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.84E+05
Background measurement (cpm)	o ·	18
Sample measurement (opm)	0	25
Activity (uCi)	< MDA	< MDA
Mln. Detectable Activity (uCi)	5.8E-06	2,9E-05

This certifies that the above leak test results are:  ☑ Less than 0.005 uCi (185 Bq) ☐ Greater than 0.005 uCi (185 Bd)				
Measurement Date: 4/14/03	Certified by: Greg Wells			
if greater than 0.005 uCi (185 Bg):				
Person Notified	Date			
Phone	and/or Fax			



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#### LEAK TEST CERTIFICATE

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IJ	<u>۲</u> ۱	/1	u	E	:

Model:

3440

Serial No:

15846

Sample Date: 3-24

3-24-3

#### **SEALED SOURCES:**

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCl)	CURRENT ACTIVITY (mCi)
CS-137	50 - 4890	8.0	5.7
AM-241:BE	47 - 11344	40.0	39.0

#### LEAK TEST ANALYSIS:

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	0	19
Sample measurement (cpm)	0	. 23
Activity (uCi)	< MDA	< MDA
Mln. Detectable Activity (uCi)	5.8E-06	3.0E-05

This certifies that the above leak test results are:  Less than 0.005 uCi (185 Bq)  Greater than 0.005 uCi (185 Bq)				
Measurement Date:	3/27/03	Certified by:	Greg Weils	
If greater than 0.005 t	uCî (185 Bg):			
Person Notified		Date		
Phone		and/or Fax		



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License: NC 032-0182-1

## LEAK TEST CERTIFICATE

**DEVICE:** 

Model:

Serial No:

15847

Sample Date: 3-24-3

#### **SEALED SOURCES:**

3440

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCl)	CURRENT ACTIVITY (mCi)
CS-137	50 - 4891	8.0	5.7
AM-241:BE	47 - 11345	40.0	39.0

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	o	19
Sample measurement (cpm)	o	29
Activity (uCi)	< MOA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3.0E-05

This certifies that the			ater than 0.005 uCi (185 Bq)
Measurement Date:	3/27/03	Certified by:	Greg Wells
If greater than 0.005 t	ıCi (185 Ba):		
Person Notified		Dat	e
Phone		and/or Fax	·



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License: NC 032-0182-1

#### LEAK TEST CERTIFICATE

D	E١	/1	C	F:

Model:

Serial No: 15842

Sample Date:

## **SEALED SOURCES:**

3440

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCi)	CURRENT ACTIVITY (mCl)
CS-137	60 <b>-</b> 4886	0.8	5.7
AM-241:BE	47 - 11340	40.0	39.0

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	o	24
Sample measurement (cpm)	o	21
Activity (uCi)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3.3E-05

This certifies that the  Less than 0.005 to		·	eater than 0.005 uCi (185 Bq)
Measurement Date:	4/9/03	Certified by:	Greg Wells
If greater than 0.005 t	ıCi (185 Bq):		
Person Notified		Da	te
Phone		and/or Fax	



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## **LEAK TEST CERTIFICATE**

**DEVICE:** 

Model:

Serial No:

18798

Sample Date: <u>4-//-3</u>

#### **SEALED SOURCES:**

3440

NUCLIDE	. SERIAL NO.	INITIAL ACTIVITY (mCl)	CURRENT ACTIVITY (mCI)
CS-137	50 - 8388	8.0	5.9
AM-241:BE	47 - 14256	. 40.0	39.2

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	0	18
Sample measurement (cpm)	0	25
Activity (uCl)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	2.9E-05

This certifies that the above leak test results are:  Less than 0.005 uCi (185 Bq)  Greater than 0.005 uCi (185 Bq)				
Measurement Date:	4/14/03	Cert	ified by:	Greg Wells
If greater than 0,005 u	ıCi (185 Bq):		· · · · · · · · · · · · · · · · · · ·	
Person Notified		· · · · · · · · · · · · · · · · · · ·	_ Date	·
Phone		and/or	Fex	



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License: NC 032-0182-1

#### LEAK TEST CERTIFICATE

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	F١		-	•

Model:

3440

Serial No:

18615

Sample Date: 4-4-3

#### **SEALED SOURCES:**

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCi)	CURRENT ACTIVITY (mCi)
CS-137	50 - 8196	8.0	5.9
AM-241:8E	47 - 14073	40.0	39.2

#### **LEAK TEST ANALYSIS:**

	ALFHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.6BE+05	7.64E+05
Background measurement (cpm)	o	24
Sample measurement (cpm)	1	30
Activity (uCI)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3.3E-05

This certifies that the above leak test results are:  Less than 0.005 uCi (185 Bq)  Greater than 0.005 uCi (185 Bq)				
Measurement Date: 4/9/03	Certified by: Greg Wells			
If greater than 0,005 uCi (185 Bq):	:			
Person Notified	Date			
Phone	end/or Fax			



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#### LEAK TEST CERTIFICATE

DEM.	ICF:
	IVC:

Model:

3440

Serial No:

24696

Sample Date: 2-2/-3

#### SEALED SOURCES:

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCl)	CURRENT ACTIVITY (mCi)
CS-137	75 - 6787	8.0	6.6
AM-241:BE	47 - 20867	40.0	39.5

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	0	31
Sample measurement (cpm)	0	20
Activity (uCi)	< MDA	< MDA
/lin. Detectable Activity (uCl)	5.8E-06	3.8E-05

This certifies that the		_	ater than 0.005	uCi (185 Bq)
Measurement Date:	2/24/03	Certified by:	Greg Wells	
If greater than 0.005 (	ıCi (185 Bq):			
Person Notified	<del></del>	Date	a <u> </u>	· ——
Phone		and/or Fax		



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License: NC 032-0182-1

#### LEAK TEST CERTIFICATE

**DEVICE:** 

Model: 3440 Serial No:

22664

Sample Date: 3-24-3

#### **SEALED SOURCES:**

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCi)	CURRENT ACTIVITY (mCi)
CS-137	75 - 4420	8.0	6.4
AM-241:BE	47 - 18506	40.0	39.4

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	0	19
Sample measurement (cpm)	0	21
Activity (uCl)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3.0E-05

This certifies that the Less than 0,005		st results		ater than 0.005 uCi (185 Bq)
Measurement Date:	3/27/03	Cert	fied by:	Greg Wells
If greater than 0.005	uCì (185 Bq);			
Person Notified			_ Date	
Phone	<del></del>	and/or	Fax	



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License: NC 032-0182-1

#### LEAK TEST CERTIFICATE

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	- 1	"	-	

Model:

3440

Serial No:

20486

Sample Date: 3-24-3

#### **SEALED SOURCES:**

MUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCl)	CURRENT ACTIVITY (mCI)
CS-137	75 - 1847	8.0	6.1
AM-241:8E	47 15964	40.0	39.2

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	o	19
Sample measurement (cpm)	0	22
Activity (uCi)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3.0E-05

This certifies that the  Less than 0.005 t		st results	_	ater than 0.005 uCi (185 Bq)
Measurement Date:	3/27/03	Cert	ified by:	Greg Wells
If greater than 0,005 t	ıCi (185 Bq):			
Person Notified			_ Date	
Phone		and/or	Fax	



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License: NC 032-0182-1

#### LEAK TEST CERTIFICATE

DEVICE:

Model:

Serial No:

20488

Sample Date:

4-4-3

#### SEALED SOURCES:

3440

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCi)	CURRENT ACTIVITY (mCl)
C\$-137	76 - 1849	8.0	6.1
AM-241:BE	47 - 15966	40.0	39.2

#### LEAK TEST ANALYSIS:

<u> </u>	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCl)	4.68E+05	7.64E+05
Background measurement (cpm)	o	24
Sample measurement (cpm)	0	24
Activity (uCi)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3.3E-05

This certifies that the above leak test Less than 0.005 uCi (185 Bq)		ater than 0.005 uCi (185 Bq)
Messurement Date: 4/9/03	Certified by:	Greg Wells
	· · · ·	
If greater than 0.005 uCi (185 Bq):	Section	
Person Notified	Date	9
	ind/or Fax	· ·



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License: NC 032-0182-1

## LEAK TEST CERTIFICATE

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Model:

3440

Serial No:

20496

Sample Date: \_ 4-4-3

#### SEALED SOURCES:

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCi)	CURRENT ACTIVITY (mCl)
CS-137	75 - 1856	8.0	6.1
AM-241:BE	47 - 15973	40.0	39.2

#### **LEAK TEST ANALYSIS:**

	: ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	0	. 24
Sample measurement (cpm)	0	30
Activity (uCi)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3.3E-05

This certifies that the above leak test results are:  Less than 0.005 uCi (185 Bq)  Greater than 0.005 uCi (185 Bq)			
Measurement Date: 4/9/03	Certified by:	Greg Wells	
and the second parameter is a second of the	aram no.		
If greater than 0.005 uCi (185 Bq):	Art. 2 art.	1975	
Person Notified	Date		
Phone and/or Fax			



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License: NC 032-0182-1

#### LEAK TEST CERTIFICATE

DEVICE:

Model:

Serial No:

22658

Sample Date: 4-4-3

#### **SEALED SOURCES:**

3440

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCl)	CURRENT ACTIVITY (mCl)
CS-137	75 - 4414	8.0	6.4
AM-241:BE	47 - 18600	40.0	39.4

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
ackground measurement (cpm)	О ,	24
ample measurement (cpm)	0	35
activity (uCi)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3.3E-05

This certifies that the above leak test results are:  ☑ Less than 0.005 uCi (185 Bq) ☐ Greater than 0.005 uCi (185 Bq)				
Measurement Date: 4/9/03	Certified by: Greg Wells			
If any the O OOF WE TARE DAY				
If greater than 0.005 uCi (185 Bq):				
Person Notified	Date			
Phone	and/or Fax			



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License: NC 032-0182-1

#### LEAK TEST CERTIFICATE

**DEVICE:** 

Model:

3440

Serial No:

22659

Sample Date: 3-24-3

#### **SEALED SOURCES:**

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mci)	CURRENT ACTIVITY (mCi)
CS-137	75 . 4415	8.0	6.4
AM-241:8€	47 - 18501;	40.0	39.4

#### LEAK TEST ANALYSIS:

<u> </u>	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCl)	4.68E+05	7.84E+05
Background measurement (cpm)	0	19
Sample measurement (cpm)	0	21
Activity (uCl)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3.0E-05

This certifies that the above leak t		ter than 0.005 uCi (185 Bq)
Measurement Date: 3/27/03	Certified by:	Greg Wells
		tone ye
If greater than 0,005 uCi (185 Bq)	): League	
Person Notified	Date	
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License: NC 032-0182-1

#### LEAK TEST CERTIFICATE

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Model:

3440

Serial No: 22

22665 San

Sample Date: 4-//-3

#### **SEALED SOURCES:**

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCl)	CURRENT ACTIVITY (mCl)
CS-137	75 - 4421	8.0	6.4
AM-241:BE	47 - 18507	40.0	39.4

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	o	18
Sample measurement (cpm)	2	35
Activity (uCl)	< MDA	< MDA
/in. Detectable Activity (uCi)	5.8E-06	2.9E-06

This certifies that the above leak test results are:  Less than 0.005 uCi (185 Bq)  Greater than 0.005 uCi (185 Bq)				
Measurement Date:	4/14/03	Certified by:	Greg Wells	
If greater than 0.005 uCi (185 Bq):				
Person Notified		Dete		
Phone		and/or Fax		



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License: NC 032-0182-1

#### **LEAK TEST CERTIFICATE**

DEVICE:

Model:

3440

Serial No:

24694

Sample Date: 4-1/-3

#### **SEALED SOURCES:**

NUCLIDE	SERIAL NO.	(NITIAL ACTIVITY (mCi)	CURRENT ACTIVITY (mCl)
CS-137	75 - 6785	8.0	6.6
AM-241:BE	47 - 20865	40.0	39.5

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	0	18
Sample measurement (cpm)	0	19
Activity (uCi)	< MDA	< MDA
Mln. Detectable Activity (uCi)	5.8E-06	2.9E-05

This certifies that the above leak test results are:  Less than 0.005 uCi (185 Bq) Greater than 0.005 uCi (185 Bq)				
Measurement Date: 4/14/0	3 Certified by:	Greg Wells		
If greater than 0.005 uCi (185	Bq):	V. 11930. 11		
Person Notified	Date	e		
Phone	and/or Fax			



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License: NC 032-0182-1

#### LEAK TEST CERTIFICATE

-	***	_
1151	/IC	-

Model: H5001C

Serial No: 2651

Sample Date: 2-2/-3

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	0	31
Sample measurement (cpm)	O	21
Activity (uCl)	< MDA	< MDA
Min. Detectable Activity (uCi)	5.8E-06	3,8E-05

This certifies that the above leak test results are:					
☑ Less than 0.005 uCi (185 8q)		Greater than 0.005 uCi (185 Bq)			
Measurement Date:	2/24/03	Certified by:	Greg Wells		
If greater than 0.005 uCi (185 Bq):					
Person Notified		D	ate		
Phone		and/or Fax			



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License: NC 032-0182-1

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	/IC	
111-7	file .	ъ.

Model: H5001C

Serial No: 2657

Sample Date: 4-/0-3

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	0	18
Sample measurement (cpm)	0	26
Activity (uCi)	< MDA	< MDA
Min, Detectable Activity (uCi)	5.8E-06	2,9E-05

This certifies that the above leak test results are:  Less than 0.005 uCi (185 Bq) Greater than 0.005 uCi (185 Bq)			
Measurement Date:	4/14/03	Certified by:	Greg Wells
If greater than 0.005 (	ıCi (185 Bq);		
Person Notified	· ~	D	ate
Phone	· 	end/or Fax	



3008 Cornwallis Rd., P.O. Box 12057 Research Triangle Park, NC 27709 Tel: (919) 549-8661 Fax: (919) 485-2250

License: NC 032-0182-1

## LEAK TEST CERTIFICATE

E١	/1	c	C	

Model:

3440

Serial No:

18795

Sample Date: 2-17-3

#### **SEALED SOURCES:**

NUCLIDE	SERIAL NO.	INITIAL ACTIVITY (mCi)	CURRENT ACTIVITY (mCl)
CS-137	60 - 8385	0.8	5.9
AM-241:BE	47 - 14253	40.0	39.2

#### **LEAK TEST ANALYSIS:**

	ALPHA	BETA-GAMMA
Conversion factor (cpm/uCi)	4.68E+05	7.64E+05
Background measurement (cpm)	0	31
Sample measurement (cpm)	0	27
Activity (uCi)	< MDA	< MDA
Min. Detectable Activity (uCl)	5.86-06	3.85-05

This certifies that the above leak test results are:  Less than 0.005 uCi (185 Bq)  Greater than 0.005 uCi (185 Bq)				
Measurement Date:	2/24/03	Certified by:	Greg Wells	
If greater than 0.005 u	ıCi (185 Bq):			
Person Notified		Dat	te	
Phone		and/or Fax	<u> </u>	

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Laboratory Technical Services LLC

2016 N Palafox St. Pensacola, FL 32501-2145 P: 850,433.8661 F; 850.433.666\$ email: labls@labls.com Web; www.labts.com

Attention: Radiation Safety Officer

Tom Konieczny INDOT Testing 315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series

Gauge Serial Number: 15460

Sample Date: 15 March., 2011

Sample Procedure by: C. Messenger

Sealed-

Source Isotope: Source

Activity:

Removable

**Serial No.:** 50-4401

< 8 mCi

Contamination: < ,005μCi

Cs-137 (beta) Am-241 (alpha)

47-10851

<40 mCl

< .005µCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 15 Sept., 2011

The analysis procedure was performed: 23 March., 2011

The .001  $\mu\text{Ci}$  Cs-137 and Am-241 calibration check sources are NIST traceable.

The Ludlum Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is 0.005  $\mu$ Ci (5.0 x 10<sup>-3</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

great the state of the

Scott Meninger



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Attention: Radiation Safety Officer

Tom Konieczny

INDOT

PO. Box 429

LaPorte, IN 46352

## Leak Test Certificate

Gauge Model: 3400 Series

Gauge Serial Number: 15674

Sample Date: 13 July, 2010

Sample Procedure by: C. Messenger

Sealed

Source Isotope: Source Serial No.: Activity:

 $< 8 \, \text{mCl}$ 

Removable Contamination: < .005uCi

Cs-137 (gamma) Am-241 (alpha)

50-4757 47-11070

<40 mCl

< .005µCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 13 Jan., 2011

The analysis procedure was performed: 19 July, 2010

The .001 µCt Cs-137 and Am-241 calibration check sources are NIST traceable.

The Ludium Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is 0.005  $\mu$ Cl (5.0 x 10<sup>-3</sup>  $\mu$ Cl).

Notice: The RSO or owner of the gauge that falls the leak test analysis will be alerted immediately by telephone, e-mall and or fax to remove the gauge from active service.

Certifled by:

Scott Meninger

Scott Messenger - RSO Florida Radioactive Material License 3734-1

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2016 N Palafox St. Pensacola, FL 32501-2145 P: 850.433.8661 F: 850.433.8663 email: labte@labts.com Web; www.labts.com

Attention: Radiation Safety Officer

Tom Konieczny INDOT - LaPorte District 315 East Boyd Blvd

LaPorte, in 46352

## Leak Test Certificate

Gauge Model: 3400 Series

Gauge Serial Number: 15846

Sample Date: 19 Jan., 2010

Sample Procedure by: C. Messenger

Sealed

Source Isotope: Source

Serial No.: Activity:

Removable Contamination:

Cs-137 (gamma)

50-4890

< 8 mCl

< .005µCi

Am-241 (alpha)

47-11344

<40 mCl

< .005µCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 19 July, 2010

The analysis procedure was performed: 25 Jan., 2010

The .001 µCl Cs-137 and Am-241 calibration check sources are NIST traceable.

The Ludium Alpha, Beta Counter used to perform the analysis was calibrated on Sept. 2009. Federal and Agreement State limit for removable contamination is 0.005  $\mu$ Cl (5.0 x 10<sup>-3</sup>  $\mu$ Cl).

Notice: The RSO or owner of the gauge that falls the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

Scott Messenger

Scott Messenger - RSO

Florida Radioactive Material License 3734-1



2016 N Palafox St, Pensacola, FL 32501-2145 P: 850.433.8661 F: 850.433.8663 amail: labis@labis.com Web: www.labis.com

Attention: Radiation Safety Officer

Tom Konieczny

INDOT

315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series

Gauge Serial Number: 15847

Sample Date: 18 Jan., 2011

Sample Procedure by: C. Messenger

Sealed

Source Isotope:

Source Serial No.:

Activity:

Removable Contamination:

Cs-137 (beta)

50-4881

< 8 mCl

< .005µCí

Am-241 (alpha)

47-11345

<40 mCl

< .005uCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 18 July, 2011

The analysis procedure was performed: 25 Jan., 2011

The .001 µCi Cs-137 and Am-241calibration check sources are NIST traceable.

The Ludlum Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is 0.005  $\mu$ Ci (5.0 x 10<sup>-3</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that falls the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

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Scott Menninger

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JAN 28 2011

Scott Messenger - RSO

Florida Radioactive Material License 3734-1

LAPORTE DISTRICT INDOT



2016 N Palafox St. Pensacola, FL 32501-2145 P: 850.433.8661 F: 850.433.8663 email: labls@labls.com Web: www.labts.com

Attention: Radiation Safety Officer Tom Konieczny INDOT P.O. Box 429 LaPorte, IN 46352

## Leak Test Certificate

Gauge Model: 3400 Series

Gauge Serial Number: 15842

Sample Date: 13 July, 2010

Sample Procedure by: C. Messenger

Sealed

Source Source Removable isotope: Serial No.: Activity: Contamination: Cs-137 (gamma) 50-4886 < 8 mCl

Am-241 (alpha)

47-11340 <40 mCl < .005µCi < .005µCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 13 Jan., 2011

The analysis procedure was performed: 19 July, 2010 The .001 µCl Cs-137 and Am-241calibration check sources are NIST traceable. The Ludium Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is  $0.005 \,\mu\text{Ci}$  (5.0 x  $10^{-9} \,\mu\text{Ci}$ ).

Notice: The RSO or owner of the gauge that falls the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service,

Certifled by:

Stott Menerger



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Attention: Radiation Safety Officer Tom Konieczny INDOT

315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series Ga

Sample Date: 4 Jan., 2011

Gauge Serial Number: 18798

Sample Procedure by: C. Messenger

Sealed

 Source Isotope:
 Source Serial No.:
 Removable Contamination:

 Cs-137 (beta)
 50-8388 < 8 mCl</td>
 < .005μCi</td>

 Am-241 (alpha)
 47-14256 < 40 mCi</td>
 < .005μCi</td>

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 4 July, 2011

The analysis procedure was performed: 11 Jan., 2011

The .001 uCi Cs-137 and Am-241 calibration check sources are NIST traceable.

The Ludium Alpha, Beta Counter used to perform the analysis was calibrated on May 2010.

Federal and Agreement State limit for removable contamination is 0.005  $\mu$ Ci (5.0 x 10<sup>-3</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

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Scott Messenger - RSO Florida Radioactive Material License 3734-1

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Attention: Radiation Safety Officer

Tom Konieczny INDOT Testing 315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series

Gauge Serial Number: 18615

Sample Date: 14 March., 2011

Sample Procedure by: C. Messenger

Sealed

Source

Source

Removable

isotope:

Serial No.:

Activity: < 8 mCl

Contamination:

Cs-137 (beta) Am-241 (alpha) 50-8196 47-14073

< 8 mCl

< .005μCi < .005μCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 14 Sept., 2011

The analysis procedure was performed: 18 March., 2011

The .001 μCi Cs-137 and Am-241 calibration check sources are NIST traceable.

A 18 3 3 3 4

The Ludium Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is  $0.005 \,\mu\text{Ci}$  ( $5.0 \times 10^{-3} \,\mu\text{Ci}$ ).

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

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Scott Messenger - RSO

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LAPORTE DISTRICT INC.



2016 N Palafox St. Pensacola, FL 32501-2145 P: 850.433.8661 F: 850.433.8663 email: labts@labts.com Web: www.labts.com

Attention: Radiation Safety Officer

Tom Konieczny INDOT Testing 315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series Gauge Serial Number: 24696

Sample Date: 15 March., 2011 Sample Procedure by: C. Messenger

Sealed

 Source
 Source
 Removable

 Isotope:
 Serial No.: Activity:
 Contamination:

 Cs-137 (beta)
 75-6787
 < 8 mCl</td>
 < .005μCi</td>

 Am-241 (alpha)
 47-20867
 < 40 mCi</td>
 < .005μCi</td>

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 15 Sept., 2011

The analysis procedure was performed: 23 March., 2011
The .001 μCi Cs-137 and Am-241 calibration check sources are NIST traceable.
The Ludium Alpha, Beta Counter used to perform the analysis was calibrated on May 2

The Ludlum Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is 0,005  $\mu$ Ci (5.0 x 10<sup>-3</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that falls the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

Scott Messenger - RSO

Scott Mensinger

Florida Radioactive Material License 3734-1



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Attention: Radiation Safety Officer

Tom Konieczny

INDOT

315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series

Gauge Serial Number: 22664

Sample Date: 7 March., 2011

Sample Procedure by: C. Messenger

Sealed

Source Isotope: Source

Serial No.: Activity:

Removable Contamination:

Cs-137 (beta) Am-241 (alpha) 75-4420 47-18506 < 8 mCi <40 mCl < .005μCi < .005μCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 7 Sept., 2011

The analysis procedure was performed: 11 March., 2011

The .001  $\mu Ci$  Cs-137 and Am-241 calibration check sources are NIST traceable.

The Ludlum Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is  $0.005 \,\mu\text{C}i$  ( $5.0 \times 10^{-3} \,\mu\text{C}i$ ).

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Notice: The RSO or owner of the gauge that fails the leak test analysis will be aterted immediately by telephone, e-mall and or fax to remove the gauge from active service.

Certified by:

Scott Meaninger

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Scott Messenger - RSO

Florida Radioactive Material License 3734-1

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Attention: Radiation Safety Officer

Tom Konieczny

INDOT

315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series Ga Sample Date: 4 Jan., 2011 Sa

Gauge Serial Number: 20486

Sample Procedure by: C. Messenger

Sealed

 Source
 Source
 Removable

 Isotope:
 Serial No.: Activity: Contamination:

 Cs-137 (beta)
 75-1847
 < 8 mCl</td>
 < .005μCi</td>

 Am-241 (alpha)
 47-15964
 < 40 mCl</td>
 < .005μCi</td>

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 4 July, 2011

The analysis procedure was performed: 11 Jan., 2011

The .001 μCi Cs-137 and Am-241 calibration check sources are NIST traceable.

33 120°s -

The Ludium Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is 0.005  $\mu$ Ci (5.0 x 10<sup>-3</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

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Scott Messenger - RSO

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Attention: Radiation Safety Officer

Tom Konieczny

INDOT

P.O. Box 429

LaPorte, IN 46352

## Leak Test Certificate

Gauge Model: 3400 Series

Gauge Serial Number: 20488

Sample Date: 7 July, 2010

Sample Procedure by: C. Messenger

Sealed

Removable Source Source Serial No.: **Activity:** Contamination: Isotope: 75-1849  $< 8 \, \text{mCl}$ Cs-137 (gamma)

Am-241 (alpha)

47-15966 <40 mCl · < .005uCi < .005uCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 7 Jan., 2011

The analysis procedure was performed: 19 July, 2010

The .001 µCi Cs-137 and Am-241 calibration check sources are NIST traceable.

The Ludium Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is 0.005 μCi (5.0 x 10<sup>-3</sup> μCi).

Notice: The RSO or owner of the gauge that falls the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certifled by:

Swoth Memorger



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Attention; Radiation Safety Officer

Tom Konieczny INDOT Testing 315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series Gauge Serial Number: 20495

Sample Date: 15 March., 2011 Sample Procedure by: C. Messenger

Sealed

 Source
 Source
 Removable

 Isotope:
 Serial No.: Activity: Contamination:

 Cs-137 (beta)
 75-1856
 < 8 mCl</td>
 < ,005μCi</td>

 Am-241 (alpha)
 47-15973
 < 40 mCl</td>
 < .005μCi</td>

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 15 Sept., 2011

The analysis procedure was performed: 23 March., 2011

The .001 µCl Cs-137 and Am-241 calibration check sources are NIST traceable.

The Ludlum Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is 0.005  $\mu$ Ci (5.0 x 10<sup>-8</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certifled by:

Scott Messenger - RSO

Scott Memorger

Florida Radioactive Material License 3734-1



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Attention: Radiation Safety Officer

Tom Konieczny INDOT

315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series Gauge Serial Number: 22658

Sample Date: 21 Sept., 2010 Sample Procedure by: C. Messenger

Sealed

SourceSourceRemovableIsotope:Serial No.:Activity:Contamination:Cs-137 (gamma)75-4414< 8 mCl< .005μCiAm-241 (alpha)47-18500< 40 mCl< .005μCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 21 March, 2011

The analysis procedure was performed: 27 Sept., 2010 The .001  $\mu$ Cl Cs-137 and Am-241calibration check sources are NIST traceable. The Ludlum Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is 0.005  $\mu$ Ci (5.0 x 10<sup>-3</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mall and or fax to remove the gauge from active service.

Certifled by:

Scott Messinger

Scott Messenger - RSO Florida Radioactive Material License 3734-1

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Laboratory Technical Services LLC

2016 N Palafox St. Pensacola, FL 32501-2145 P: 850,433.8661 F: 850.433.8663 email: https://doi.org/10.1016/j.com/

Attention: Radiation Safety Officer

Tom Konieczny INDOT Testing 315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series

044

Gauge Serial Number: 22659

Sample Date: 15 March., 2011

Sample Procedure by: C. Messenger

Sealed

Source

Source

Removable

Isotope:

Serial No.:

Activity: < 8 mCl

Contamination:

Cs-137 (beta) Am-241 (alpha) 75-4415 47-18501

<40 mCl

<.005µCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 15 Sept., 2011

The analysis procedure was performed: 23 March., 2011

The .001 μCi Cs-137 and Am-241 calibration check sources are NIST traceable.

The Ludlum Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is  $0.005 \,\mu\text{Ci}$  ( $5.0 \times 10^{-3} \,\mu\text{Ci}$ ).

Notice: The RSO or owner of the gauge that falls the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

Scott Measurger

Scott Messenger - RSO

Florida Radioactive Material License 3734-1



2016 N Palafox St. Pensacola, FL 32501-2145 P: 850.433.8661 F: 850.433.8663 email: labts@labts.com Web: www.labts.com

Attention: Radiation Safety Officer

Tom Konieczny

INDOT

315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series

Gauge Serial Number: 22665

Sample Date: 18 Jan., 2011

Sample Procedure by: C.: Messenger

Sealed

Source

Source

Removable

Isotope:

Serial No.:

Activity:

Contamination:

Cs-137 (beta) Am-241 (alpha) 75-4421

< 8 mCl

< .005μCi

.....

47-18507 <40 mCl ·

< .005µCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 18 July, 2011

The analysis procedure was performed: 25 Jan., 2011

The .001 µCi Cs-137 and Am-241calibration check sources are NIST traceable.

The Ludlum Alpha, Beta Counter used to perform the analysis was calibrated on May 2010.

Federal and Agreement State limit for removable contamination is 0.005  $\mu$ Ci (5.0 x 10<sup>-3</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

Scott Menorger

Scott Messenger - RSO Florida Radioactive Material License 3734-1

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Attention: Radiation Safety Officer

Tom Konieczny INDOT Testing 315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 3400 Series

Gauge Serial Number: 24694

Sample Date: 15 March., 2011

Sample Procedure by: C. Messenger

Sealed

Source Isotope:

Source Serial No.:

Activity:

Removable -Contamination:

Cs-137 (beta) Am-241 (alpha) 75-6785 47-20865

 $< 8 \, \text{mCl}$ <40 mCl < .005µCi < .005µCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 15 Sept., 2011

The analysis procedure was performed: 23 March., 2011

The .001 µCi Cs-137 and Am-241 calibration check sources are NIST traceable.

The Ludlum Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limit for removable contamination is 0.005  $\mu$ Ci (5.0 x 10<sup>-9</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that falls the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

Swall Menouger



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Attention: Radiation Safety Officer

Tom Konieczny INDOT Testing 315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 5001 Series Gauge Serial Number: 2651

Sample Date: 16 March, 2011 Sample Procedure by: C. Messenger

Sealed

SourceSourceRemovableIsotope:Serial No.:Activity:Contamination:Cs-137 (beta)6432GQ<10 mCl<.005μCiAm-241 (alpha)NJ02833<40 mCl<.005μCi

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 16 Sept., 2011

The analysis procedure was performed: 23 March., 2011 The .001  $\mu$ Cl Cs-137 and Am-241 calibration check sources are NIST traceable. The Ludlum Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limits for removable contamination is 0.005  $\mu$ Ci (5.0 x 10<sup>-3</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that fails the leak test analysis will be aferted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

Scott Meninger



2016 N Palafox St. Pensacola, FL 32501-2145 P:850.433.8661 F:850.433.8663 email: jabts@labis.com web: www.labis.com

Attention: Radiation Safety Officer Tom Konieczny **INDOT Testing** 315 East Boyd Blvd LaPorte, IN 46350

## Leak Test Certificate

Gauge Model: 5001 Series

Gauge Serial Number: 2657

Sample Date: 15 March, 2011

Sample Procedure by: C. Messenger

Sealed

Source

Source

Removable

Isotope: Cs-137 (beta) Serial No.: 6458GQ

 $< 10 \, \text{mCl}$ 

Activity: Contamination: < .005µCi

Am-241 (alpha)

NJ02839

<40 mCl

 $< .005 \mu Ci$ 

This portable nuclear gauge displays no removable contamination and may remain in active service.

The next leak test is due: 15 Sept., 2011

The analysis procedure was performed: 23 March., 2011

The .001 µCi Cs-137 and Am-241 calibration check sources are NIST traceable.

The Ludium Alpha, Beta Counter used to perform the analysis was calibrated on May 2010. Federal and Agreement State limits for removable contamination is 0.005  $\mu$ Ci (5.0 x 10<sup>-3</sup>  $\mu$ Ci).

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

Scott Massinger

InstroTek, Inc. 5908 Triangle Dr Raleigh, NC 27617 (919) 875-8371 Fax (919) 875-8328

Date: 3/26/2005 Test Number: 1

TOM KONIECENY INDIANA DOT-LAPORTE 315 BOYD BLVD PO BOX 429 LAPORTE IN 46350

Phone: (219)325-7560 FAX: (219)325-7569

## LEAK TEST CERTIFICATE

NC Materials License # 092-1073-1

This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removable contamination.

Gauge model: 3440

Gauge S/N: 18795

Leak Test Date: 3/11/2005

Source	Reading in microCuries
50-8385	0.000000
47-14253	0.000228

Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source. The source(s) tested above may remain in use.

Reviewed by: Jahry Whilling Date: 3-26-05



#### INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue Room N758 Indianapolis. Indiana 46204-2216

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MITCHELL E. DANIELS, JR., Governor THOMAS O. SHARP, Commissioner

Writer's Direct Line LaPorte District PO Box 429 LaPorte, IN 46352 (219)362 6125

July 18, 2005

Mr. Michael M. LaFranzo, Radiation Specialist United States Nuclear Regulatory Commission Region III – Division of Nuclear Materials Safety 2443 Warrenville Road, Ste. 210 Lisle, IL 60532-4352

RE: License 13-26340-01

Dear Mr. LaFranzo:

Pursuant to Section 20.2201, this is a follow up written report documenting a stolen Troxler Model 3440 Surface Moisture-Density Gauge, Serial No. 18795. A telephone report was conveyed to the NRC Operation Center on June 29, 2005.

The licensed materials involved were sealed radioactive sources Cesium-137, 8 mCi (Serial No. 50 8385) and Americium-241:Beryllium, 40 mCi (Serial No. 4714253). The material is "Special Form" encapsulated sealed source.

Sometime between 6:00 PM on June 28, 2005 and 6:00 AM on June 29, 2005, the gauge was stolen from the field office where it was stored. It is located at a construction job site on SR 912 and Riley Road in the city of East Chicago, IN. The office was broken into and along with the gauge; computer items, a full size copy machine and a fax machine were also stolen. The gauge was locked in a closet, and the door was pried open to obtain it.

At this time the gauge is still missing and probable disposition is unknown.

At this time it is unknown whether there have been any persons exposed to radiation.

The local East Chicago police are conducting an investigation. The Indiana Department of Transportation considered making a press release to the media explaining the incident, but the decision was made not to do so.

A new gauge has not been issued to the project at this time. The office will be equipped with a security system that includes motion detectors and will call the local police if a break-in occurs. If a gauge is issued, it will be locked in a closet and will be secured with a chain that will be fastened to a permanent fixture inside the closet.

If you need any additional information, please contact me.

Thank you for you involvement with this matter.

Very truly yours.

Thomas D. Konieczny,

Radiation Safety Office

7. 2011 3:42PM P.O. Box 429, LaPorte, IN 46352 Phone: 219 325-7440 Fax: 219 325-7468

# INDOT - LaPorte District Testing Department



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Materials Engineer (Heather Woods)	7443
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