



# GILES



## ENGINEERING ASSOCIATES, INC.

- 3990 Flowers Road, Suite 530 / Atlanta, GA 30360 / 770-458-3399 / FAX: 770-458-3998
- 10553 Olympic Drive, Suite 102 / Dallas, TX 75220 / 214-358-5885 / FAX: 214-358-5884
- 1521 E. Orangethorpe Avenue, Suite B / Fullerton, CA 92831 / 714/879-8436 / FAX: 714-879-4582
- N8 W22350 Johnson Drive, Suite A1 / Waukesha, WI 53186 / 262-544-0118 / FAX: 262-549-5868
- 514 Progress Drive, Suite J / Linthicum, MD 21090 / 410-636-9320 / FAX: 410-636-9325
- 4155 St. Johns Parkway, Suite 1200 / Sanford, FL 32771 / 407-321-5356 / FAX: 407-321-6604
- Corporate Office & Accounting / 262-544-0118 / FAX: 262-544-0501

TO:	LOREN HUBER	FROM:	CHARLIE GRESSLER
FAX NO:	630-515-1078	DATE/TIME:	4/22/08
REFERENCE:	LEAK TESTS		

THIS TRANSMISSION WILL CONSIST OF ~~4~~<sup>15</sup> PAGE(S) (INCLUDING THIS SHEET)  
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**MESSAGE:**

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**GILES ENGINEERING ASSOCIATES, INC.  
NUCLEAR DENSITY GAUGE INVENTORY\***

**Type:** CPN Nuclear Density Gauge

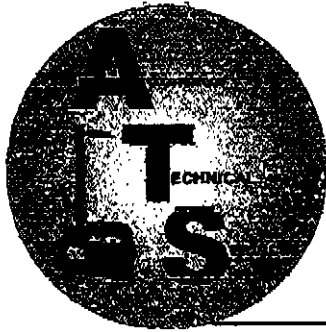
**Nuclear Material:** Cesium 137 - 10mCi  
 Americium 241/BE - 50mCi

No.	Model	Serial No.	Mfg. Date	Last Calibration	Leak Test Done	Lk/TST Due
1	MC - 3	M370703817	1997	2/9/07	02-Feb-08	02-Feb-09
2	MC - 1DR-P	MD60703306	1996	11/7/06	02-Jan-08	02-Jan-09
3	MC - 1DR	MD9089039	1989	2/9/07	02-Feb-08	02-Feb-09
4	MC - 1DR	MD20500899	1992	5/8/06	26-Apr-07	26-Apr-08
5	MC - 1DR	MD30701544	1993	1/29/07	15-Jan-08	15-Jan-09
6	MC - 1DR	MD30701545	1993	2/12/07	04-Feb-08	04-Feb-09
7	MC-1DR-P	M341202389	1994	2/12/07	04-Feb-08	04-Feb-09
8	MC - 1DR	MD50502625	1995	2/18/08	11-Feb-08	11-Feb-09
9	MC - 1DR-P	MD71103991	1997	2/13/08	11-Feb-08	11-Feb-09
10	MC - 3	M370503723	1997	3/1/07	04-Feb-08	04-Feb-09
11	MC-1DR-P	MD80404216	1998	5/8/06	11-Mar-08	11-Mar-09
12	MC - 1DR	MD60703327	1996	2/28/07	04-Feb-08	04-Feb-09
13	MC-1DR	MD20506604	2002	1/29/07	15-Jan-08	15-Jan-09

**By RSO: Charles S. Gresser P.E.**

\* All gauges (unless otherwise noted) are stored at N8 W22350 Johnson Drive, Suite A1, Waukesha WI 53186

*CS 4/21/08*



Richard Aguinaga  
Aguinaga Technical Services  
1924-G Calumet Drive  
Sheboygan, WI 53081  
Phone: (920) 803-8789  
Fax: (920) 803-6707

*Where Customer Service is a Priority!*

## LEAK TEST CERTIFICATE

Attn: Charles Gresser  
Giles Engineering Associates, Inc.  
N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

---

A leak test has been performed on the following gauge:

Manufacturer: **CPN International**

Model: **MC3**

Serial Number: **M370703817**

Cs137 Serial Number: **C-3817**

Am241/Be Serial Number: **A-3817**

---

Date Sample Collected: **2/2/2008**

Date Sample Analyzed: **2/12/2008**

Analyzed By: **Richard Aguinaga**

Sample Activity  $\alpha$ : **< .000004  $\mu$ Ci**

Sample Activity  $\beta$ : **< .00005  $\mu$ Ci**

---

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

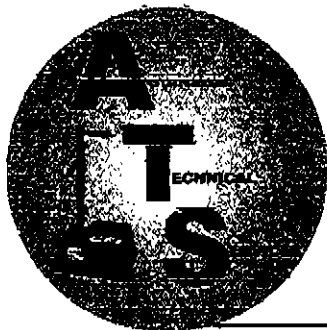
Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01

  
Richard Aguinaga  
Radiation Safety Officer

REVIEWED BY RADIATION SAFETY OFFICER  
(if required by your license sign below)

---



Richard Aguinaga  
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## LEAK TEST CERTIFICATE

Attn: Charles Gresser  
Giles Engineering Associates, Inc.  
N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

---

A leak test has been performed on the following gauge:

Manufacturer: CPN International  
Model: MC1DRP  
Serial Number: MD9089039  
Cs137 Serial Number: C-9039  
Am241/Be Serial Number: A-9039

---

Date Sample Collected: 2/2/2008

Date Sample Analyzed: 2/12/2008

Analyzed By: Richard Aguinaga

Sample Activity  $\alpha$ : < .000004 $\mu$ Ci

Sample Activity  $\beta$ : < .00005 $\mu$ Ci

---

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

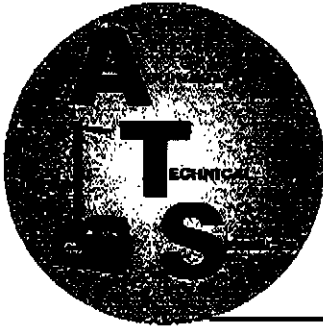
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Richard Aguinaga  
Radiation Safety Officer

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Giles Engineering Associates, Inc.  
N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

A leak test has been performed on the following gauge:

Manufacturer: CPN International

Model: MC1DR

Serial Number: MD20500899

Cs137 Serial Number: C-0899

Am241/Be Serial Number: A-0899

Date Sample Collected: 4/26/2007

Date Sample Analyzed: 5/7/2007

Analyzed By: Richard Aguinaga

Sample Activity  $\alpha$ : < .000004 $\mu$ Ci

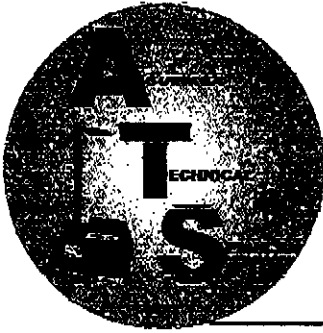
Sample Activity  $\beta$ : < .00005 $\mu$ Ci

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01

  
Richard Aguinaga  
Radiation Safety Officer



**Richard Aguinaga**  
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Sheboygan, WI 53081  
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## LEAK TEST CERTIFICATE

Attn: Charles Gresser  
Giles Engineering Associates, Inc.  
N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

---

A leak test has been performed on the following gauge:

Manufacturer: **CPN International**

Model: **MC3**

Serial Number: **M370503723**

Cs137 Serial Number: **C-3723**

Am241/Be Serial Number: **A-3723**

---

Date Sample Collected: **2/4/2008**

Date Sample Analyzed: **2/12/2008**

Analyzed By: **Richard Aguinaga**

Sample Activity  $\alpha$ : **< .000004 $\mu$ Ci**

Sample Activity  $\beta$ : **< .00005 $\mu$ Ci**

---

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

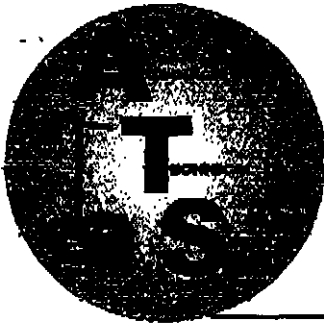
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Richard Aguinaga  
Radiation Safety Officer

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## LEAK TEST CERTIFICATE

Attn: Charles Gresser  
Giles Engineering Associates, Inc.  
N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

A leak test has been performed on the following gauge:

Manufacturer: CPN International

Model: MC1DR

Serial Number: MD60703306

Cs137 Serial Number: C-3306

Am241/Be Serial Number: A-3306

Date Sample Collected: 1/2/2008

Date Sample Analyzed: 1/8/2008

Analyzed By: Richard Aguinaga

Sample Activity  $\alpha$ :  $< .000004\mu\text{Ci}$

Sample Activity  $\beta$ :  $< .00005\mu\text{Ci}$

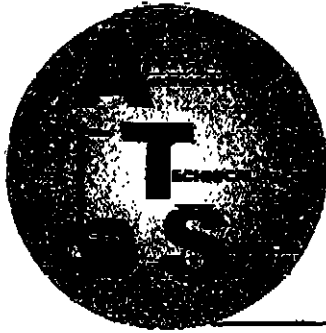
A sample activity of  $0.005\ \mu\text{Ci}$  or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than  $0.005$  microcurie.

Analysis authorized by WI License 117-1005-01

  
Richard Aguinaga  
Radiation Safety Officer

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## LEAK TEST CERTIFICATE

Attn: Charles Gresser  
Giles Engineering Associates, Inc.  
N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

---

A leak test has been performed on the following gauge:

Manufacturer: CPN International

Model: MC1DRP

Serial Number: MD60703327

Cs137 Serial Number: C-3327

Am241/Be Serial Number: A-3327

---

Date Sample Collected: 2/4/2008

Date Sample Analyzed: 2/12/2008

Analyzed By: Richard Aguinaga

Sample Activity  $\alpha$ : < .000004 $\mu$ Ci

Sample Activity  $\beta$ : < .00005 $\mu$ Ci

---

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

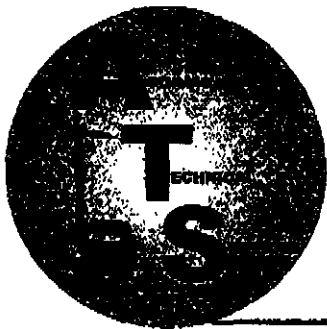
Analysis authorized by WI License 117-1005-01

  
Richard Aguinaga  
Radiation Safety Officer

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JAN 8 2008

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### LEAK TEST CERTIFICATE

Attn: Charles Grosser  
Giles Engineering Associates, Inc.  
N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

A leak test has been performed on the following gauge:

Manufacturer: CPN International

Model: MC1DRP

Serial Number: MD20506604

Cs137 Serial Number: C-6604

Am241/Be Serial Number: A-6604

Date Sample Collected: 1/15/2008

Date Sample Analyzed: 1/24/2008

Analyzed By: Richard Aguinaga

Sample Activity  $\alpha$ : < .000004  $\mu$ Ci

Sample Activity  $\beta$ : < .00005  $\mu$ Ci

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

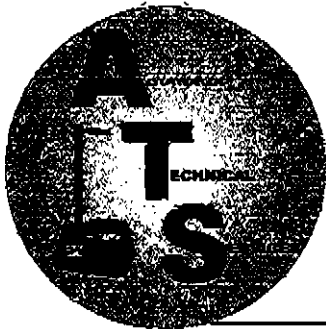
Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01

  
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Radiation Safety Officer

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## LEAK TEST CERTIFICATE

Attn: Charles Gresser  
Giles Engineering Associates, Inc.  
N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

---

A leak test has been performed on the following gauge:

Manufacturer: **CPN International**  
Model: **MC1DRP**  
Serial Number: **MD71103991**  
Cs137 Serial Number: **C-3991**  
Am241/Be Serial Number: **A-3991**

---

Date Sample Collected: **2/11/2008**  
Date Sample Analyzed: **2/12/2008**  
Analyzed By: **Richard Aguinaga**

Sample Activity  $\alpha$ : **< .000004 $\mu$ Ci**

Sample Activity  $\beta$ : **< .00005 $\mu$ Ci**

---

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

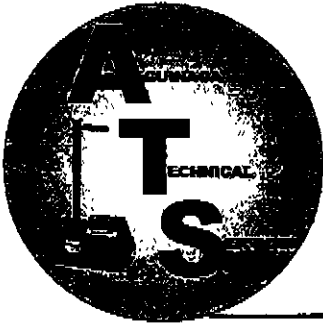
Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01

  
Richard Aguinaga  
Radiation Safety Officer

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## LEAK TEST CERTIFICATE

Attn: Charles Gresser  
Giles Engineering Associates, Inc.  
N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

---

A leak test has been performed on the following gauge:

Manufacturer: CPN International

Model: MC1DRP

Serial Number: MD80404216

Cs137 Serial Number: C-4216

Am241/Be Serial Number: A-4216

---

Date Sample Collected: 3/11/2008

Date Sample Analyzed: 3/19/2008

Analyzed By: Richard Aguinaga

Sample Activity  $\alpha$ : < .000004 $\mu$ Ci

Sample Activity  $\beta$ : < .00005 $\mu$ Ci

---

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

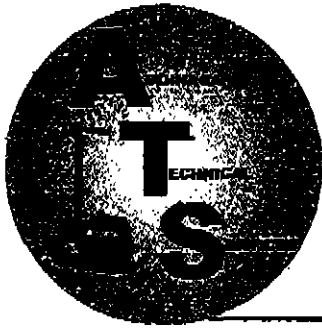
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Radiation Safety Officer

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## LEAK TEST CERTIFICATE

Attn: Charles Gresser  
Giles Engineering Associates, Inc.  
N8 W22350 Johnson Drive  
Waukesha WI 53186

---

A leak test has been performed on the following gauge:

Manufacturer: CPN International

Model: MC3

Serial Number: M341202389

Cs137 Serial Number: C-2389

Am241/Be Serial Number: A-2389

---

Date Sample Collected: 2/9/2007

Date Sample Analyzed: 2/16/2007

Analyzed By: Richard Aguinaga

Sample Activity  $\alpha$ : < .000004 $\mu$ Ci

Sample Activity  $\beta$ : < .00005 $\mu$ Ci

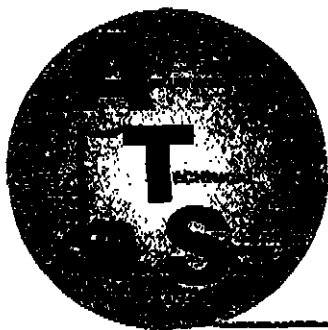
---

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01

  
Richard Aguinaga  
Radiation Safety Officer



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## LEAK TEST CERTIFICATE

Attn: Charles Gresser  
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N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

A leak test has been performed on the following gauge:

Manufacturer: CPN International

Model: MC1DRP

Serial Number: MD30701544

Cs137 Serial Number: C-1544

Am241/Be Serial Number: A-1544

Date Sample Collected: 1/15/2008

Date Sample Analyzed: 1/24/2008

Analyzed By: Richard Aguinaga

Sample Activity  $\alpha$ : < .000004 $\mu$ Ci

Sample Activity  $\beta$ : < .00005 $\mu$ Ci

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

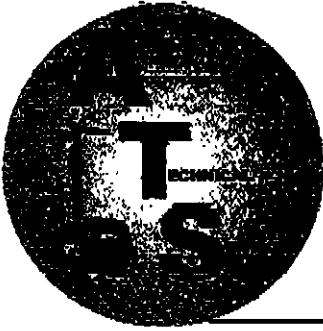
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Richard Aguinaga  
Radiation Safety Officer

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**Attn: Charles Gresser**  
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**N8W22350 Johnson Drive, STE A-1**  
**Waukesha WI 53186**

---

**A leak test has been performed on the following gauge:**

**Manufacturer: GPN International**

**Model: MC1DRP**

**Serial Number: MD30701545**

**Cs137 Serial Number: C-1545**

**Am241/Be Serial Number: A-1545**

---

**Date Sample Collected: 2/4/2008**

**Date Sample Analyzed: 2/12/2008**

**Analyzed By: Richard Aguinaga**

**Sample Activity  $\alpha$ : < .000004 $\mu$ Ci**

**Sample Activity  $\beta$ : < .00005 $\mu$ Ci**

---

**A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.**

**Analysis found contamination of less than 0.005 microcurie.**

**Analysis authorized by WI License 117-1005-01**

  
**Richard Aguinaga**  
**Radiation Safety Officer**

**REVIEWED BY RADIATION SAFETY OFFICER**  
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N8W22350 Johnson Drive, STE A-1  
Waukesha WI 53186

---

A leak test has been performed on the following gauge:

Manufacturer: CPN International

Model: MC1DRP

Serial Number: MD50502625

Cs137 Serial Number: C-2625

Am241/Be Serial Number: A-2625

---

Date Sample Collected: 2/11/2008

Date Sample Analyzed: 2/12/2008

Analyzed By: Richard Aguinaga

Sample Activity  $\alpha$ : < .000004 $\mu$ Ci

Sample Activity  $\beta$ : < .00005 $\mu$ Ci

---

A sample activity of 0.005  $\mu$ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

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