

SOUTH PACIFIC GEOTECHNICAL, INC.

73-5574 MAIAU STREET, SUITE 1
KAILUA-KONA, HAWAII 96740

TELEPHONE: (808) 322-3706

FACSIMILE: (808) 322-3726

MEMO

RECEIVED

SEP 23 2008

DNMS

Date: September 23, 2008

To: NRC

Attn: Jackie Cook

From: Sandy Sessums

RE: License No. 53 29204-01, Form 314

Jackie,

Per your telephone request, the following pages include the signed Part C of form 314 and the most recent leak tests for the gauge we disposed of in April of this year. We are now out of business. I hope this completes your file.



Sandra Sessums
For South Pacific Geotechnical, Inc.
Phone: (480) 888-1921
Fax: (480) 888-1922

| | | |
|--|------------------------------------|---------------|
| LICENSEE NAME AND ADDRESS South Pacific Geotechnical Inc. 73-5574 Maiiau St. #1 Kailua-Kona, Hawaii 96740 | LICENSE NUMBER 53 29204 -01 | DOCKET NUMBER |
| | LICENSE EXPIRATION DATE 9-30-08 | |

This license has expired. **A. LICENSE STATUS (Check the appropriate box)** This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)
 The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
 - a. Transfer of radioactive materials to the licensee listed below: *Instrotek, Inc., 5908 Triangled Rd, Raleigh, NC 27617*
 - b. Disposal of radioactive materials:
 - 1. Directly by the licensee:
 - 2. By licensed disposal site:
 - 3. By waste contractor:
 - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

- 1. A radiation survey was conducted by the licensee. The survey confirms:
 - a. the absence of licensed radioactive materials
 - b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- 2. A copy of the radiation survey results:
 - a. is attached; or b. is not attached (Provide explanation); or c. was forwarded to NRC on: _____ Date _____
- 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
 - a. The results of the latest leak test are attached; and/or
 - b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

| | | | |
|---|----------------------------|--|----------------|
| NAME <i>Sandra K. Sessums</i> | TITLE <i>Sec/Treas.</i> | TELEPHONE (include Area Code) <i>480 888-1921</i> | E-MAIL ADDRESS |
| Mail all future correspondence regarding this license to: <i>30134 N. Royal Oak Way, Queen Creek, AZ 85243</i> | | | |

C. CERTIFYING OFFICIAL
 I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

| | | |
|--|---------------------------------------|------------------------|
| PRINTED NAME AND TITLE <i>Sandra K. Sessums Sec/Treas</i> | SIGNATURE <i>Sandra K. Sessums</i> | DATE <i>9-23-08</i> |
|--|---------------------------------------|------------------------|

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE ANY STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.



INSTROTEK, INC

DATE: SEPTEMBER 10TH, 2008

Send to: **South Pacific Geotechnical, Inc.**

ATTENTION: Sandy Sessums

Office Location: **Keaau, HI 96749**

Fax Number: **480.888.1922**

(817) 860.8263

From: **InstroTek, Inc**

Office Location: **Raleigh, NC**

Phone Number: **919.875.8371**

Number of Pages, Including Cover: **3**

COMMENTS:

Sandy,

CPN International was dealing with your Leak Test up until you decided to dispose of the gauge. CPN's last recorded Leak Test was on 8/28/2006 and I included the certificate for that. Also we have the Last Leak Test recorded for your old gauge which became our property in April of 2008. This should include everything you need to handle you situation.

Thanks,

A handwritten signature in black ink, appearing to read 'Clint McPherson'.

Clint McPherson
Product Manager



Advanced Instrumentation for Density
& Moisture Testing of Soils & Pavements

CPN International, Inc.
4057 Port Chicago Highway, Suite 100
Concord, CA 94520 USA
Phone: (925) 363-9770
Fax: (925) 363-9385
e-mail: cpn@cpn-intl.com

*AHW:
Clint or
Keith*

CERTIFICATE OF LEAK TEST

SOUTH PACIFIC GEOTECHNICAL
ATTN: JEROD SESSUMS
HC2 2 BOX 6272
KEAAU, HI 96749

Customer No: 19232901
Date Sample Collected: 8/28/2006
Test Number: 47293

This is to certify that the leak test on the indicated source (s) was counted on 9/5/2008 and the results shown accurately represent the level of removable contamination.

Model: MC-1DR

Source(s)/Gauge Serial Number: MD50808018

| <u>Source</u> | <u>Activity</u> | <u>* Removable Contamination (in microCuries)</u> |
|---------------|-----------------|--|
| AmBe 241 | 50 mCi | .0000035 |
| Cs 137 | 10 mCi | .0000147 |

*** 0.005 microcuries (185 Bq) or greater constitutes a leaking source.**

This Source : May Remain in use.

Alicia Christman

**Reviewed by: Leak Testing Quality Control
CA License No. 1100-07**

| | | | | | |
|-------------------|-------------|---------|----------------|-----|---|
| Post-It* Fax Note | 7671 | Date | 9/19 | pg. | 1 |
| To | | Printed | Jessica August | | |
| Company | Instrotek | Company | CPN | | |
| Phone # | | Phone # | | | |
| Fax # | 62-270-3421 | Fax # | | | |

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

3/31/2008
Test Number: 1

CHRIS JOHNSON
INSTROTEK-LV
6625 S. VALLEY VIEW BLVD.
STE 400
LAS VEGAS, NV 89118

Phone: (702)270-3885
Fax: (702)270-3421

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: MC1DR Gauge S/N: MDS0808018 Test Date: 3/17/2008

| Source (Model/Serial#) | Reading in microCuries |
|------------------------|------------------------|
| N/A | 0.00000 |
| N/A | 0.00027 |

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

Reviewed by: *D. Blum* Date: 3/31/08

RSO Signature: _____ Date: _____

°CPN gauges are 50 mCi Am241:Be and 10 mCi Cs-137. Humboldt gauges are 40 mCi Am241:Be and 10 mCi Cs-137. InstroTek Gauge is 40 mCi Am241:Be and 10 mCi Cs-137. Troxler gauges all, except 4640, are 40 mCi Am241:Be and 8 mCi Cs-137. Troxler 4640 is 8 mCi Cs-137.

CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS
South Pacific Geotechnical Inc.
73-5574 Maiiau St. #1
Kailua-Kona, Hawaii 96740

LICENSE NUMBER: 53 29204-01
DOCKET NUMBER: RECEIVED
LICENSE EXPIRATION DATE: 9-30-08

A. LICENSE STATUS (Check the appropriate box)
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bestmarked 07-31-08
RECEIVED
AUG 04 2008
DNMS

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Mail all future correspondence regarding this license to:
30134 N. Royal Oak Way, Queen Creek, AZ 85243

C. CERTIFYING OFFICIAL
I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE: SIGNATURE: DATE:

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ACCEPTANCE REVIEW MEMO (ARM)

Licensee: South Pacific Geotechnical Inc. **License No.:** 53-29204-01
Docket No.: 030-36967 **Mail Control No.:** 471892
Type of Action: Term **Date of Requested Action:** 07-31-08
Reviewer Assigned: Jackie Cook **ARM reviewer(s):** Torres

| Response | Deficiencies Noted During Acceptance Review |
|---|--|
| | <input type="checkbox"/> Open ended possession limits. Submit inventory. Limit possession. <input type="checkbox"/> Submit copies of latest leak test results. <input type="checkbox"/> Add IC L.C./Fingerprint LC, add SUNSI markings to license. <input type="checkbox"/> Confirm with licensee if they have NARM material. |
| 9/23/08 Request latest leak test results | /include information for Section C. Certifying Official |

Reviewer's Initials: JPC **Date:** 9/24/08

| | | |
|------------------------------|-----------------------------|---|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | Request for unrestricted release Group 2 or >. Consult with Bravo Branch. |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | Termination request < 90 days from date of expiration |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other) |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | TAR needed to complete action. |

Branch Chief's and/or HP's Initials: _____ **Date:** _____

SUNSI Screening according to RIS 2005-31

Yes No **Sensitive and Non-Publicly Available** if any item below is checked

General guidance:

- _____ RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule
- _____ Exact location of RAM [suite #, bldg. #, location different from mailing address] (whether = or > than Category 3 or not)
- _____ Design of structure and/or equipment (site specific)
- _____ Information on nearby facilities
- _____ Detailed design drawings and/or performance information
- _____ Emergency planning and/or fire protection systems

Specific guidance for medical, industrial and academic (above Category 3):

- _____ RAM quantities and inventory
- _____ Manufacturer's name and model number of sealed sources & devices
- _____ Site drawings with exact location of RAM, description of facility
- _____ RAM security program information (locks, alarms, etc.)
- _____ Emergency Plan specifics (routes to/from RAM, response to security events)
- _____ Vulnerability/security assessment/accident-safety analysis/risk assess
- _____ Mailing lists related to security response

Branch Chief's and/or HP's Initials: JPC **Date:** AUG 22 2008

BETWEEN: : (FOR LFMS USE)
 : INFORMATION FROM LTS
 : -----
 :
 License Fee Management Branch, ARM : Program Code: 03121
 and : Status Code: 0
 Regional Licensing Sections : Fee Category: 3P
 : Exp. Date: 20150831
 : Fee Comments:
 : Decom Fin Assur Reqd: N
 : ::

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
 Applicant/Licensee: SOUTH PACIFIC GEOTECHNICAL INC
 Received Date: 20080804
 Docket No: 3036967
 Control No.: 471892
 License No.: 53-29204-01
 Action Type: Termination

2. FEE ATTACHED
 Amount: _____
 Check No.: /

3. COMMENTS
 Signed Caitlin Murahan
 Date 8-13-08

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /_/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:
 Amendment _____
 Renewal / _____
 License _____

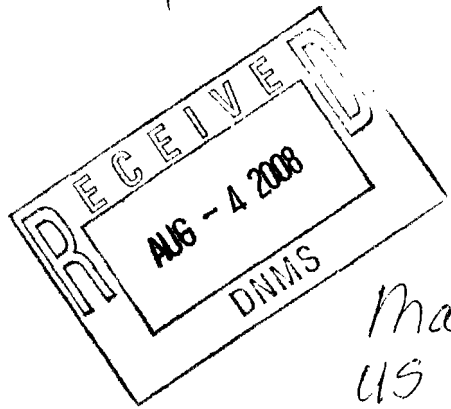
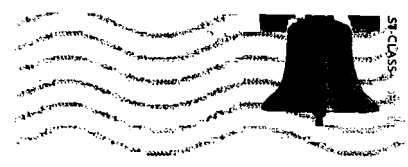
3. OTHER _____

Signed _____
 Date _____

Queen Creek AZ 85242

PHOENIX AZ 850

31 JUL 08 PM 10 1



Material Radiation Protection Section
US Nuclear Regulatory Commission
Region IV
612 E. Lamar Blvd., Suite 400
Arlington, Texas 76011-4125

477892

76011-4125

