

2001 Rankin Road  
Houston, Texas 77373  
Tel (713) 879-2666  
Fax (713) 879-2667  
Cell (713) 248-7708

David E. Huber  
Radiation Safety Officer  
David.Huber@bakerhughes.com



**Baker Hughes Oilfield Operations, Inc.**



28 August 2013

Mr. Elmo E. Collins  
Regional Administrator  
US Nuclear Regulatory Commission, Region IV  
Texas Health Resources Tower  
1600 E. Lamar Blvd.  
Arlington, Texas 76011-4511

RE: Amendment to RAM License No. 42-02964-01

Dear Mr. Collins,

The purpose of this letter is to request an amendment to the above license for Baker Hughes Oilfield Operations, Inc.

At this time we would like to nominate Philip G. Simpkin as the Corporate RSO for our US NRC License 42-02964-01. I have included a Delegation of Authority letter signed by an officer of the company as well as copy of Mr. Simpkin's training and experience.

We would also like to nominate Dylan D. Dailey as the Associate Corporate RSO for License 42-02964-01 enclosed is a copy of Mr. Dailey's training and experience.

There are no other changes to the organization, location, facilities, equipment or operating procedures at this time.

Should you have any questions about this request, or need additional information; please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "David E. Huber".

David E. Huber  
Radiation Safety Officer,  
Baker Hughes Oilfield Operations, Inc.

**PUBLIC**

- Immediate Release
- Normal Release

**NON-PUBLIC**

- A.3 Sensitive-Security Related
- A.7 Sensitive Internal
- Other: \_\_\_\_\_

Reviewer: MS Date: 9/18/13



**Baker Hughes Oilfield Operations, Inc.**

27 August 2013

**Delegation of Authority**

Re: Amendment to NRC RAM License 42-19649-01

You, **Philip G. Simpkin** have been appointed Corporate Radiation Safety Officer for Baker Hughes Oilfield Operations in the entire US NRC jurisdiction and are responsible for ensuring the safe use of radiation. You are responsible for managing the radiation protection program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of radioactive material by employees who do not meet the necessary requirements and shutting down operations where justified by radiation safety. You are required to notify management of situations where staff are not cooperating and not addressing radiation safety issues. In addition, you are free to raise issues with the US Nuclear Regulatory Commission at anytime.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian E. Caldwell", is written over a horizontal line.

Brian E. Caldwell,  
Sr. Director HSE

I accept the above responsibilities,

A handwritten signature in blue ink, appearing to read "Philip G. Simpkin", is written over a horizontal line.  
Date 28 Aug 2013

## CURRICULUM VITAE

**NAME** : **PHILIP GEORGE SIMPKIN**

**QUALIFICATIONS** : **BSc. Degree in Chemistry and Physics**  
4 "A" Levels, 10 "O" Levels  
TDLB D32 & D33 Competence Assurance Assessor  
TDLB D34 Competence Assurance Verifier  
TDLB D36 Advising on Prior Achievement  
Certificated Radiation Protection Advisor  
NEBOSH Certificate in Occupational Safety and Health

**PROFESSIONAL** : Member of the following Societies:  
The Society of Radiological Protection  
The American Health Physics Society

**EXPERIENCE** :

Aug. 05 to Present : **BAKER HUGHES, HOUSTON**

**Radiation Protection Advisor,  
Western Hemisphere Manager  
Global Radiation Support Team**

Responsible to the Global Radiation Protection Manager for the construction and administration of the Radiation Safety, training and competence assurance programs for, Baker Atlas, Baker Oil Tools and Baker Hughes INTEQ. Liaising with HTC Engineering and Product development on matters concerning radioactive materials. I also co-authored a paper "Development and implementation of a formal competence assurance programme for safety critical operations" presented at SPE 8th International Conference on Health, Safety and Environment Abu Dhabi, UAE. 2-4 April 2006.

Nov. 94 to Aug. 05 :

**BAKER HUGHES, ABERDEEN**

**Radiation Protection Advisor,  
Eastern Hemisphere Manager  
Global Radiation Support Team**

Responsible to the Global Radiation Protection Manager for the construction and administration of the Radiation Safety, training and competence assurance programs for, Baker Atlas, Baker Oil Tools and Baker Hughes INTEQ working in some 37 Countries.

The program includes Radiation Protection Supervisors, Classified workers and associated ancillary staff. computer based training modules, classroom presentations and practical exercises, as well as the accompanying manuals, procedures, schedules, Assessments and Verifications.

I have produced and conduct an Assessor training course to SQA D32/D33 level, to supplement this program.

I have written and presented several papers on Radiation, Training and Competence to the British Nuclear Engineering Society, The Society for Radiological Protection (SRP) and more recently Institut National des Sciences et Techniques Nucleaires" (INSTN) and "Commissariat A L' energie Atomique" (CEA) in Paris, plus and a joint papers presented at the 13<sup>th</sup> International Symposium on Packaging and Transportation of Radioactive Material, and two joint papers for the IRPA 2002 European Congress.

Another aspect of my responsibilities is the provision of advice and assistance with, radiation licence applications for the various facilities throughout the Business Unit, transportation of radioactive materials, record keeping and radiation monitoring, source leak testing, calibration facility commissioning and equipment design.

Interpretation of Regulations and Standards from U.K. and overseas Government Agencies and then writing and implementing Radiation Safety Procedures to ensure that the

program complies with the standards is also part of my responsibilities.

On the Professional Level I was until moving to the U.S.A. an assessor for RPA2000 which is the Certifying body for all Professional Radiation Protection Advisors in the U.K. as well as Being the Chairperson of the Scottish Section for the Society for Radiological Protection.

Oct. 93 to Oct. 94 : **BAKER HUGHES INTEQ, SINGAPORE**

**Radiation Protection Officer**

Reporting to the Corporate Radiation Protection Officer in Houston and the Senior Manager at facilities where Radioactive materials were used.

I was responsible for the implementation, maintenance and support of the Company's Radiation Protection Programme throughout the Asia/Pacific and Middle East regions.

In addition I had the responsibility for introducing the Companies' Health and Safety programme within the region.

May 92 - Oct. 93 : **BAKER HUGHES INTEQ, ABERDEEN**

**Radiation Protection Officer**

Responsible to the Radiation Protection Manager (RPM), overview and administration of the training programme on Radiological Protection and General Safety for the U.K. and overseas facilities, including the preparation of the accompanying training manuals.

Provision of assistance to the RPM on licence applications for the U.K. and overseas facilities, transportation of radioactive materials both in the U.K. and overseas, record keeping and monitoring, performing Radiological safety evaluations on calibration facilities and transport containers.

- Feb. 90 - May 92 : **TELECO OILFIELD SERVICES**
- Training Supervisor**
- Responsible to the Training Manager for the preparation and presentation of both technical and non-technical training courses to all levels of the Workforce from the shop floor to Senior Management, and offshore personnel.
- Dec. 84 - Feb. 90 : **TELECO OILFIELD SERVICES**
- Senior Field Engineer**
- On 24 hour call working in the U.K. and overseas, carrying out various operations including installation, maintenance and utilisation of the company's products and services up to and including the Nuclear logging tools.
- Dec. 83 - Dec. 84 **ANACON INSTRUMENTS LIMITED**
- Sales Manager**
- Reporting to the Managing Director, responsible for the design, manufacture and sale of a range of analytical instrumentation, including infra red/ultraviolet analysers and mass spectrometers. Supervising a Staff of 4 Sales Engineers and 21 Workshop Technicians.
- Performing application assessment, and product training seminars.
- Preparation of manuals for the instrumentation.
- Jul. 81 - Dec. 83 : **CORE LABORATORIES**
- Senior Logging Engineer**
- Reporting to the Operations Supervisor, working both in the U.K. and overseas. Responsible for monitoring, recording and interpretation of drilling functions, lithology and hydrocarbon analysis as well as equipment repair and maintenance.



This is to certify that

*PHILIP G. SIMPKIN*

has completed

***A 40-HOUR RADIATION SAFETY OFFICER TRAINING COURSE  
conducted by Professional Training Programs  
of Oak Ridge Associated Universities***

This 13TH day of JANUARY, 2006  
at Oak Ridge, Tennessee

A handwritten signature in black ink, appearing to be "P. G. Simpkin", is written over a horizontal line.



THE VICTORIA  
UNIVERSITY OF MANCHESTER

Board for Awards in Affiliated Colleges

Bachelor of Science

It is hereby certified that

*Philip George Simpkin*

has satisfied the Examiners in the examination for the above-named Degree, and has been duly admitted as a BACHELOR OF SCIENCE of this University.

Registrar.

July 6th. 1986.



*The Society for Radiological Protection*

*This is to Certify that*

*Philip George Simpkin*

---

*has been elected a Member of the  
Society for Radiological Protection*

*Given under our hand by Resolution  
of the Council of the Society*

*on the 1<sup>st</sup> day of September 1977*

*J. W. Willcox*

*President*

*A. K. A.*

*Secretary*

# *Laser-Professionals Inc.*

*Where the Laser User Comes First*

*Certifies that*

*Philip G. Simpkin*

*Has completed the official Laser-Professionals course*

*Laser Safety Officer*

*4 Days Laser Safety Officer Training  
Radiation Safety Academy, Gaithersburg, MD*

*April 24-27, 2007*

*Date*

*This course = 32 HPS CEC's, 4 BLS CM Pts, 4 ABIH CM Pts*



*Johnny Jones*

*Certified Laser Safety Officer*

Founded 1963



Royal Charter 2007

# The Society for Radiological Protection

*Established to promote the science and art of radiation protection and allied fields  
for the public benefit*

*By the virtue of academic qualifications,  
professional training and experience*

*Philip George Simpkin*

*has been registered by  
The Society for Radiological Protection,  
and is hereby authorised, whilst so registered,  
to use the title of*

**Chartered Radiation  
Protection Professional**

*Shela Haddik*

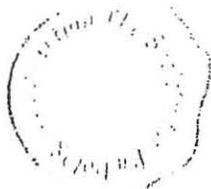
*President*

*Bryan Smith*

*Secretary*

*April 2008*

*Dated*



Certificate No. 000829

581695



9/11/13

FedEx Ship Manager - Print You

From: (713) 879-2659  
Tammy Parson  
Baker Hughes, Inc.  
2001 Rankin Rd.

Origin ID: MIFA



J13201306280326

Houston, TX 77073

SHIP TO: (817) 200-1189

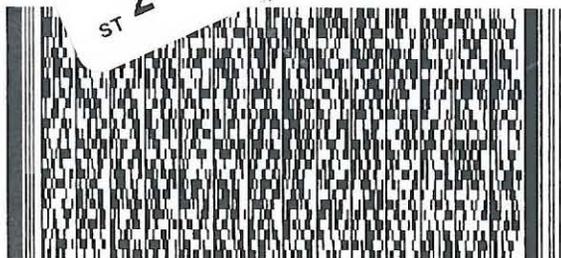
BILL SENDER

Mr. Elmo E. Collins  
Nuclear Regulatory Commission  
1600 E LAMAR BLVD  
NUCLEAR MATERIALS  
ARLINGTON, VA

SENSING BRANCH

RT 219 1  
ST 2

4678  
09.12



Ship Date: 11SEP13  
ActWgt: 1.0 LB  
CAD: 101911634/INET3430

Delivery Address Bar Code



Ref # 825760600  
Invoice #  
PO #  
Dept #

TRK# 7966 6492 4678  
0201

AD FWHA

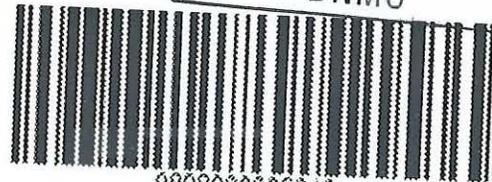
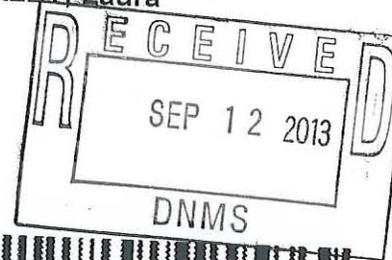


51AG18256/1A9E

FROM: Tammy Parson  
CARR: Federal Express  
TRK#: 796664924678  
RCVD: 9/12/2013 1027

TO: *Colleen Munshan*  
~~HURLEY, Laura~~

PH:  
BDG:  
RM:  
PCS: 1



9998000003246

THU - 12 SEP 10.30A  
PRIORITY OVERNIGHT

76011  
TX-US  
DFW

RTE:  
MSC:

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s services,  
o **fedex.com**,

581695



DATE  
09/13/2013

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

Baker Hughes Oilfield Operations, Inc.  
DBA Baker Atlas  
ATTN: David E. Huber, RSO  
Box 670968; 2001 Rankin Road  
Houston, TX 77267-0968

LICENSE NUMBER

42-02964-01

MAIL CONTROL NUMBER

581695

LICENSING AND/OR TECHNICAL REVIEWER

cmurnahan *cm*

This is to acknowledge the receipt of your:

LETTER and/or  APPLICATION      DATED: 08/28/2013

The initial processing, which included an administrative review, has been performed.

AMENDMENT     TERMINATION     NEW LICENSE     RENEWAL

- There were no administrative omissions identified during our initial review.
- This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.
- Your application for a new NRC license did not include your taxpayer identification number. Please fill out NRC Form 531, located at the following link:

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

A copy of your action has been emailed to our License Fee and Accounts Receivable Branch, in our Headquarters office in Rockville, MD. You will be contacted separately if there is a fee issue involved.

Your application has been assigned the above listed **MAIL CONTROL NUMBER**. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region IV  
U. S. Nuclear Regulatory Commission  
DNMS/NMSB - B  
1600 E. Lamar Blvd.  
Arlington, TX 76011-4511  
(817) 200-1103 or (817) 200-1140

*emailed  
9-13-13*

RECEIVED

SEP 03 2013

DNMS

2001 Rankin Road  
Houston, Texas 77373  
Tel (713) 879-2662  
Fax (713) 879-2667  
Cell (713) 306-0658

Philip G. Simpkin  
Radiation Safety Officer  
Phil.Simpkin@bakerhughes.com



**Baker Hughes Oilfield Operations, Inc.**

30 August 2013

Mr. Elmo E. Collins  
Regional Administrator  
US Nuclear Regulatory Commission, Region IV  
Texas Health Resources Tower  
1600 E. Lamar Blvd.  
Arlington, Texas 76011-4511

RE: Amendment to RAM License No. 42-19649-01

Dear Mr. Collins,

The purpose of this letter is to request an amendment to the above license for Baker Hughes Oilfield Operations, Inc.

At this time we would like to add three Baker Hughes Pressure Pumping Stimulation Vessels to our Pressure Pumping License as storage locations.

The postal address for the vessels are as follows:

Blue Orca  
365 A. J. Estay Road  
Port Fourchon, LA. 70357

Blue Tarpon  
365 A. J. Estay Road  
Port Fourchon, LA. 70357

Blue Dolphin  
365 A. J. Estay Road  
Port Fourchon, LA. 70357

**PUBLIC**

- Immediate Release
- Normal Release

**NON-PUBLIC**

- A.3 Sensitive-Security Related
- A.7 Sensitive Internal
- Other:

Reviewer

*WAS*

Date:

*9/24/13*

*581295*

There are no other changes to the organization, location, facilities, equipment or operating procedures at this time.

Should you have any questions about this request, or need additional information; please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, consisting of a stylized 'P' followed by a long horizontal line that tapers to the right.

Philip G. Simpkin C-RadP  
Radiation Safety Officer,  
Baker Hughes Oilfield Operations, Inc.

From: (713) 879-2659  
Tammy Parson  
Baker Hughes, Inc.  
2001 Rankin Rd.

Origin ID: MIFA



Houston, TX 77073

Ship Date: 30AUG13  
ActWgt: 1.0 LB  
CAD: 101911634/NET3430

Delivery Address Bar Code



SHIP TO: (817) 200-1189

BILL SENDER

Mr. Elmo E. Collins  
Nuclear Regulatory Commission  
1600 E LAMAR BLVD  
Texas Health Resources Tower  
ARLINGTON, TX 76011

Ref # 825760600  
Invoice #  
PO #  
Dept #

RECEIVED

SEP 03 2013

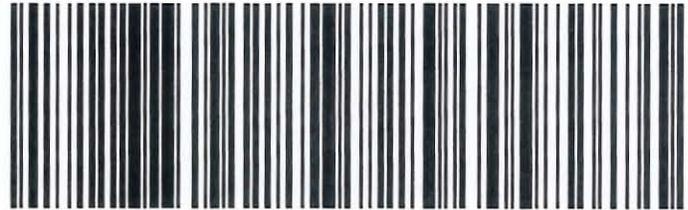
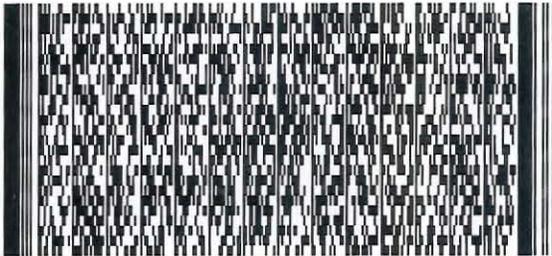
DNMS

TUE - 03 SEP 10:30A  
PRIORITY OVERNIGHT

TRK# 7965 8584 3540  
0201

76011  
TX-US  
DFW

XH FWHA



51AG109B9/1AGE

**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

581695

BETWEEN:

Accounts Receivable/Payable  
and  
Regional Licensing Branches

[ FOR ARPB USE ]  
INFORMATION FROM WBL

Program Code: 03110  
Status Code: Pending Amendment  
Fee Category: 5A  
Exp. Date: 12/31/2014  
Fee Comments:  
Decom Fin Assur Req: Y

## License Fee Worksheet - License Fee Transmittal

### A. REGION

#### 1. APPLICATION ATTACHED

Applicant/Licensee: BAKER HUGHES OILFIELD OPERATIONS, INC.  
Received Date: 09/12/2013  
Docket Number: 3006402  
Mail Control Number: 581695  
License Number: 42-02964-01  
Action Type: Amendment

#### 2. FEE ATTACHED

Amount: \_\_\_\_\_

Check No.: \_\_\_\_\_

#### 3. COMMENTS

Signed: \_\_\_\_\_

*Colleen Murahan*

Date: \_\_\_\_\_

*9-12-13*

### 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: \_\_\_\_\_



DATE  
09/24/2013

|  |  |
|--|--|
| NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE<br><br>Baker Hughes Oilfield Operations, Inc.<br>dba Baker Atlas<br>ATTN: David E. Huber, RSO<br>Box 670968-2001 Rankin Road<br>Houston, TX 77267-0968 | LICENSE NUMBER<br>42-02964-01                              |
|  | MAIL CONTROL NUMBER<br>581695                              |
|  | LICENSING AND/OR TECHNICAL REVIEWER<br>cmurnahan <i>cm</i> |

This is to acknowledge the receipt of your:

LETTER and/or  APPLICATION      DATED: 08/30/2013

The initial processing, which included an administrative review, has been performed.

AMENDMENT     TERMINATION     NEW LICENSE     RENEWAL

- There were no administrative omissions identified during our initial review.
- This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.
- Your application for a new NRC license did not include your taxpayer identification number. Please fill out NRC Form 531, located at the following link:

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

A copy of your action has been emailed to our License Fee and Accounts Receivable Branch, in our Headquarters office in Rockville, MD. You will be contacted separately if there is a fee issue involved.

Your application has been assigned the above listed **MAIL CONTROL NUMBER**. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region IV  
U. S. Nuclear Regulatory Commission  
DNMS/NMSB - B  
1600 E. Lamar Blvd.  
Arlington, TX 76011-4511  
(817) 200-1103 or (817) 200-1140