



**USIBELLI COAL MINE, INC.**

P.O. Box 1000  
Healy, AK 99743  
(907) 683-2226  
fax (907) 683-2253

**FACSIMILE TRANSMITTAL COVER SHEET**

Number of pages (including cover sheet): 3

Date: 11/18/2010

To: JACKIE COOK, NRC

Fax: 817-860-8263

From: PRESTON MILLER

**RECEIVED**

NOV 19 2010

**DNMS**

DEAR JACKIE,

ATTACHED IS THE REQUESTED CHANGE OF RSO WE  
SPOKE ABOUT OVER THE PHONE.

IF YOU HAVE ANY QUESTIONS PLEASE DON'T HESITATE  
TO CONTACT ME.

THANKS!

PRESTON MILLER

907-590-4667

preston@usibelli.com

**Usibelli Coal Mine, Inc.**

100 River Road  
Healy, Alaska 99743

NRC License # 50-27794-01  
Docket # 03036755

November 18, 2010

Dear Jackie Cook,

Garth Eisdon is currently listed on our license as the Radiation Safety Officer (RSO). Please change the RSO listed on our license to Preston Miller. Garth is still employed with Usibelli Coal Mine, but is no longer the RSO. Please find the most current certificate of RSO training for Preston Miller attached. Preston has also been trained by Thermo Fisher Scientific (the instrument manufacturer) to conduct the required bi-annual leak tests, but will not do any non-routine maintenance as expressed in section 17 of our materials license.

If you have any questions, please feel free to contact me regarding this matter.

Sincerely,



Fred Wallis, P.E.  
V.P. Engineering  
Usibelli Coal Mine, Inc.  
Ph. 907-460-4092  
Fax 907-683-2253  
fredw@usibelli.com

**RECEIVED**

NOV 19 2010

**DNMS**

**Preston Miller**

*Has successfully completed the 40 hour technical short course entitled*

**Radiation Safety Officer**

*November 8 – November 12, 2010*

*This certificate presented in Las Vegas, Nevada, November 12, 2010*

*By Nevada Technical Associates, Inc.*

Approval codes for C.E. units are: ASRT 30.5 units: NVZ0146001, AAHP 32 units: 2008-00-005, ABIH 4.5 units: 08-1362

*Ted Allen*

**Ted Allen**

**Instructor**

**RECEIVED**

**NOV 19 2010**

**DNMS**

Certificate Number: 1000000000



**USIBELLI COAL MINE, INC.**

P.O. Box 1000  
Healy, AK 99743  
(907) 683-2226  
fax (907) 683-2253

FACSIMILE TRANSMITTAL COVER SHEET

Number of pages (including cover sheet): 2

Date: 11/19/2010

To: ROBERTO TORRES, NRC

Fax: 817-860-8263

From: PRESTON

**RECEIVED**

NOV 19 2010

**DNMS**

DEAR ROBERTO,

HERE IS A COPY OF OUR MOST RECENT LEAK TEST, ALONG WITH OUR ANALYZER MODEL AND SERIAL #.

IF YOU NEED ANYTHING ELSE PLEASE LET ME KNOW.

THANKS!  
PRESTON

# ThermoFisher SCIENTIFIC

Thermo Gamma Metrics, LLC  
10010 Mesa Rim Road  
San Diego, CA 92121

Tel: +1-800-488-4399  
Fax: +1-858-546-1734  
www.thermo.com

## LEAK TEST CERTIFICATE

|              |                          |            |             |
|--------------|--------------------------|------------|-------------|
| CUSTOMER     | Usibelli Coal Mine, Inc. | TEST DATE  | 10/01/2010  |
| SITE NAME    | Usibelli Coal Mine, Inc. | RSO        | Fred Wallis |
| SITE ADDRESS | 100 River Rd             |            |             |
| SITE ADDRESS | Healy, AK 99743          | LICENSE #  | 50-27794-01 |
| DEVICE TYPE  | CBX                      | DEVICE S/N | 861003      |
| TEST REASON  | Inspection and Wipe Test |            |             |

|                    |             |           |   |      |            |
|--------------------|-------------|-----------|---|------|------------|
| TEST PERFORMED BY: | Jose Garcia | SIGNATURE |  | DATE | 1 Oct 2010 |
|--------------------|-------------|-----------|---|------|------------|

### TEST EQUIPMENT

|       |             |     |       |                      |           |
|-------|-------------|-----|-------|----------------------|-----------|
| MODEL | Inspector + | S/N | 15955 | CALIBRATION DUE DATE | 8/31/2011 |
| MODEL |             | S/N |       | CALIBRATION DUE DATE |           |
| MODEL |             | S/N |       | CALIBRATION DUE DATE |           |

### CERTIFICATIONS

- Special Form:
- Californium 252 (Cf-252) Cf-Pd cermet or Cf-Pd alloy
  - Cesium 137 (Cs-137) Cesium Chloride
  - Americium 241 (Am-241) Americium Chloride
  - Other Type: \_\_\_\_\_

- Leak Test:
- The sources listed below have passed the ANST N5.10-1968, Appendix B, section B2.1 Wipe (Smear) Test with removable Alpha and Beta/Gamma surface contamination less than, or equal to, 0.005  $\mu\text{Ci}$ .  
*Note: A sealed source may be leaking if it has removable contamination that is found to be equal to or greater than 0.005  $\mu\text{Ci}$  (185 Becquerel)*

- Inventory:
- The sources listed below were verified to be in above device.

Reference Data: 0.005  $\mu\text{Ci}$  = 185 Bq    1 Bq = 27 pCi    CPM / (2.22 x 10<sup>4</sup>) =  $\mu\text{Ci}$     1  $\mu\text{g}$  = 0.537 mCi

### SOURCE DATA

| Serial Number | Isotope         | Amount ( $\mu\text{g}$ ) | Amount (mCi) | Manufacture         | Status    | Contamination |
|---------------|-----------------|--------------------------|--------------|---------------------|-----------|---------------|
| FTC-CF-Z2543  | CALIFORNIUM 252 | 5.10                     | 2.74         | Frontier Technology | Installed | None          |
| FTC-CF-Z3061  | CALIFORNIUM 252 | 4.61                     | 2.47         | Frontier Technology | Installed | None          |

Thermo Fisher Analyzer Model "ECa" S/N 861003

RECEIVED

NOV 19 2010

DNMS

**Torres, RobertoJ**

---

**From:** Preston Miller [preston@usibelli.com]  
**Sent:** Wednesday, December 01, 2010 3:51 PM  
**To:** Torres, RobertoJ  
**Subject:** FW: License change documents - Usibelli Coal Mine, Inc.  
**Attachments:** SKMBT\_C45110120112440.pdf

Roberto,

Here are the documents we spoke about. Please let me know if you need any further information.

Also, please send me a copy of our amended license once the requested RSO change is complete.

Thanks,

Preston Miller, P.E.  
Mining Engineer  
907-590-4667  
[preston@usibelli.com](mailto:preston@usibelli.com)  
Usibelli Coal Mine, Inc.  
Box 1000  
Healy, Alaska 99743

**NOTICE OF CONFIDENTIALITY:** This message may contain privileged or confidential information and is intended for the addressee only. If you are not the named addressee you should not review, disseminate, distribute or copy this e-mail. If you received this transmission in error, please notify the sender immediately by return e-mail and delete this errant message. Finally, the recipient should check this e-mail and any attachments for the presence of viruses. Usibelli Coal Mine Inc. accepts no liability for any damage caused by any virus transmitted by this e-mail. Thank you.

**RECEIVED**

DEC 01 2010

**DNMS**



**USIBELLI COAL MINE, INC.**

P.O. Box 1000  
Healy, AK 99743  
(907) 683-2226  
fax (907) 683-2253

FACSIMILE TRANSMITTAL COVER SHEET

Number of pages (including cover sheet): 2

Date: 11/19/2010

To: ROBERTO TORRES, NRC

Fax: 817-860-8263

From: PRESTON

RECEIVED

DEC 01 2010

DNMS

DEAR ROBERTO,

HERE IS A COPY OF OUR MOST RECENT LEAK  
TEST, ALONG WITH OUR ANALYZER MODEL AND  
SERIAL #.

IF YOU NEED ANYTHING ELSE PLEASE LET  
ME KNOW.

THANKS  
PRESTON

## LEAK TEST CERTIFICATE

|              |                          |            |             |
|--------------|--------------------------|------------|-------------|
| CUSTOMER     | Usibelli Coal Mine, Inc. | TEST DATE  | 10/01/2010  |
| SITE NAME    | Usibelli Coal Mine, Inc. | RSO        | Fred Wallis |
| SITE ADDRESS | 100 River Rd             |            |             |
| SITE ADDRESS | Healy, AK 99743          | LICENSE #  | 50-27794-01 |
| DEVICE TYPE  | CBX                      | DEVICE S/N | 861003      |
| TEST REASON  | Inspection and Wipe Test |            |             |

|                    |             |           |   |      |            |
|--------------------|-------------|-----------|---|------|------------|
| TEST PERFORMED BY: | Jose Garcia | SIGNATURE |  | DATE | 1 Oct 2010 |
|--------------------|-------------|-----------|---|------|------------|

### TEST EQUIPMENT

|       |             |     |       |                      |           |
|-------|-------------|-----|-------|----------------------|-----------|
| MODEL | Inspector + | S/N | 15955 | CALIBRATION DUE DATE | 8/31/2011 |
| MODEL |             | S/N |       | CALIBRATION DUE DATE |           |
| MODEL |             | S/N |       | CALIBRATION DUE DATE |           |

### CERTIFICATIONS

- Special Form:  Californium 252 (Cf-252) Cf-Pd cermet or Cf-Pd alloy  
 Cesium 137 (Cs-137) Cesium Chloride  
 Americium 241 (Am-241) Americium Chloride  
 Other Type: \_\_\_\_\_
- Leak Test:  The sources listed below have passed the ANSI N5.10-1968, Appendix B, section B2.1 Wipe (Smear) Test with removable Alpha and Beta/Gamma surface contamination less than, or equal to, 0.005  $\mu$ Ci.  
*Note: A sealed source may be leaking if it has removable contamination that is found to be equal to or greater than 0.005  $\mu$ Ci. (185 Becquerel)*
- Inventory:  The sources listed below were verified to be in above device.

Reference Data: 0.005  $\mu$ Ci = 185 Bq    1 Bq = 27 pCi    CPM / (2.22 x 10<sup>4</sup>) =  $\mu$ Ci    1  $\mu$ g = 0.537 mCi

### SOURCE DATA

| Serial Number | Isotope         | Amount ( $\mu$ g) | Amount (mCi) | Manufacture         | Status    | Contamination |
|---------------|-----------------|-------------------|--------------|---------------------|-----------|---------------|
| FTC-CF-Z2543  | CALIFORNIUM 252 | 5.10              | 2.74         | Frontier Technology | Installed | None          |
| FTC-CF-Z3061  | CALIFORNIUM 252 | 4.61              | 2.47         | Frontier Technology | Installed | None          |

THERMO FISHER ANALYZER MODEL "Eca" S/N 861003

RECEIVED

DEC 01 2010

DNMS



**USIBELLI COAL MINE, INC.**

P.O. Box 1000  
Healy, AK 99743  
(907) 683-2226  
fax (907) 683-2253

FACSIMILE TRANSMITTAL COVER SHEET

Number of pages (including cover sheet): 3

Date: 11/18/2010

To: JACKIE COOK, NRC

Fax: 817-860-8263

From: PRESTON MILLER

RECEIVED

DEC 01 2010

DNMS

DEAR JACKIE,

ATTACHED IS THE REQUESTED CHANGE OF RSO WE  
SPOKE ABOUT OVER THE PHONE.

IF YOU HAVE ANY QUESTIONS PLEASE DON'T HESITATE  
TO CONTACT ME.

THANKS!

PRESTON MILLER

907-590-4667

preston@usibelli.com

# Usibelli Coal Mine, Inc.

100 River Road  
Healy, Alaska 99743

NRC License # 50-27794-01  
Docket # 03036755

November 18, 2010

Dear Jackie Cook,

Garth Elsdon is currently listed on our license as the Radiation Safety Officer (RSO). Please change the RSO listed on our license to Preston Miller. Garth is still employed with Usibelli Coal Mine, but is no longer the RSO. Please find the most current certificate of RSO training for Preston Miller attached. Preston has also been trained by Thermo Fisher Scientific (the instrument manufacturer) to conduct the required bi-annual leak tests, but will not do any non-routine maintenance as expressed in section 17 of our materials license.

If you have any questions, please feel free to contact me regarding this matter.

Sincerely,



Fred Wallis, P.E.  
V.P. Engineering  
Usibelli Coal Mine, Inc.  
Ph. 907-460-4092  
Fax 907-683-2253  
fredw@usibelli.com

**RECEIVED**

DEC 01 2010

**DNMS**

**Preston Miller**

*Has successfully completed the 40 hour technical short course entitled*

**Radiation Safety Officer**

*November 8 – November 12, 2010*

*This certificate presented in Las Vegas, Nevada, November 12, 2010*

*By Nevada Technical Associates, Inc.*

Approval codes for C.E. units are: ASRT 30.5 units: NVZ0146001, AAHP 32 units: 2008-00-005, ABIH 4.5 units: 08-1362



**Ted Allen**

**Instructor**

**RECEIVED**

DEC 01 2010

**DNMS**

Certificate Number: 198989999

BETWEEN:

Accounts Receivable/Payable  
and  
Regional Licensing Branches

[ FOR ARPB USE ]  
INFORMATION FROM LTS

Program Code: 03120  
Status Code: Pending Amendment  
Fee Category: 3P  
Exp. Date:  
Fee Comments:  
Decom Fin Assur Req: N

### License Fee Worksheet - License Fee Transmittal

#### A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: USIBELLI COAL MINE, INC.  
Received Date: 12/22/2010  
Docket Number: 3036755  
Mail Control Number: 574139  
License Number: 50-27794-01  
Action Type: Amendment

2. FEE ATTACHED

Amount:           *0*          

Check No.:           *N/A*          

3. COMMENTS

Signed:           *RITZ*          

Date:           *12-22-10*          

**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: \_\_\_\_\_