



6 April 2015

Director of Nuclear Material and Safeguards  
U.S. Nuclear Regulatory Commission  
Attn: GLTS  
Washington, DC 20555-0001

Re: Transfer of Generally Licensed devices

Dear Director,

Aerofil Technology, Inc. is submitting the following information regarding the transfer of three Generally Licensed sources as listed below. These sources were removed from service, packaged and shipped to RAM Services, Inc. in Two Rivers, WI on 31 March 2015.

| Manufacturer               | Source Model | Serial Number    | Isotope | mCi | Manufacture Date |
|----------------------------|--------------|------------------|---------|-----|------------------|
| Industrial Dynamics FilTek | FT-50        | 113018, S/N 1887 | Am-241  | 100 | 5/4/1996         |
| Industrial Dynamics FilTek | FT-50        | 113019, S/N 5594 | Am-241  | 100 | 9/1/1993         |
| Industrial Dynamics FilTek | FT-50        | 113466, S/N 6402 | Am-241  | 100 | 12/2/1980        |

I am requesting that Aerofil's inventory of Generally Licensed devices be updated to reflect the transfer of these devices and have attached a copy of the RAM Services, Inc. transfer letter as documentation of the movement of these sources. Their State of Wisconsin license number is 071-1234-01.

Feel free to contact me at 573 468-5551, Ext. 1184 with any questions or concerns you may have. I can also be reached via email at [jmccall@aerofil.com](mailto:jmccall@aerofil.com).

Sincerely,

Jody McCall,  
Environmental Health & Safety Manager

Att:



RAM Services, Inc.  
510 County Highway V  
Two Rivers, WI 54241-9628

Voice: 920-686-3889

Fax: 920-686-3899

Email: [jwiza@ramservicesinc.com](mailto:jwiza@ramservicesinc.com)

3 April 2015

Mr. Jody McCall,  
EH&S Manager  
Aerofil Technology, Inc.  
225 Industrial Drive  
Sullivan, MO 63080

Re: RPK 976, Shipment 2015-0012

Dear Mr. McCall,

This letter is to advise you that the radioactive material as detailed below has been received by RAM Services, Inc. as of 3 April 2015 and we have taken possession of the sources identified below under our State of Wisconsin Radioactive Materials License 071-1234-01.

| Manufacturer               | Source Model | Serial Number    | Isotope | mCi | Manufacture Date |
|----------------------------|--------------|------------------|---------|-----|------------------|
| Industrial Dynamics FilTek | FT-50        | 113018, S/N 1887 | Am-241  | 100 | 5/4/1996         |
| Industrial Dynamics FilTek | FT-50        | 113019, S/N 5594 | Am-241  | 100 | 9/1/1993         |
| Industrial Dynamics FilTek | FT-50        | 113466, S/N 6402 | Am-241  | 100 | 12/2/1980        |

Please retain this record in your permanent files and feel free to contact me with any questions or additional concerns you may have. I can also be reached via email at [jwiza@ramservicesinc.com](mailto:jwiza@ramservicesinc.com) or my cell phone at 708 408-3889.

Sincerely,

A handwritten signature in black ink that reads 'Jerry P. Wiza'.

Jerry P. Wiza,  
Radiation Safety Officer



510 County Highway V  
Two Rivers, WI 54241  
Voice +1-920-686-3889  
Fax +1-920-686-3899

STATE OF WISCONSIN RADIOACTIVE MATERIALS LICENSE 071-1234-01

AEROFIL TECHNOLOGY, INC.  
325 Industrial Park Drive  
  
SULLIVAN, MO 63080  
UNITED STATES  
ATTENTION: Jody McCall

AEROFIL TECHNOLOGY, INC.  
SULLIVAN  
SUMMARY LEAK TEST REPORT  
23 February 2015

| ASSAY NO.                                                                      | SERIAL NO.  | DEVICE<br>SERIAL NO. | ISOTOPE | SOURCE<br>ACTIVITY | WIPE DATE<br>ANALYSIS DATE | MDA                          | SAMPLE<br>ACTIVITY                | TEST<br>PASS OR<br>FAIL |
|--------------------------------------------------------------------------------|-------------|----------------------|---------|--------------------|----------------------------|------------------------------|-----------------------------------|-------------------------|
|                                                                                |             |                      |         | mCi<br>GBq         |                            | $\mu$ Ci<br>Bq               | $\mu$ Ci<br>Bq                    |                         |
| Source Fails Test if Activity Exceeds<br>AEROFIL TECHNOLOGY, INC. Action Level |             |                      |         |                    |                            | 185 Bq<br>37 Bq              | .005 $\mu$ Ci<br>1.00E-3 $\mu$ Ci |                         |
| 125192                                                                         | 113466/6402 | NOT<br>AVAILABLE     | Am-241  | 100 mCi<br>3.7 GBq | 19 Feb 2015<br>23 Feb 2015 | 1.13E-05 $\mu$ Ci<br>0.42 Bq | 1E-05 $\mu$ Ci<br>0.19298 Bq      | SOURCE<br>PASSES TEST   |
| 125191                                                                         | 113019/5594 | NOT<br>AVAILABLE     | Am-241  | 100 mCi<br>3.7 GBq | 19 Feb 2015<br>23 Feb 2015 | 1.13E-05 $\mu$ Ci<br>0.42 Bq | 0 $\mu$ Ci<br>-0.08772 Bq         | SOURCE<br>PASSES TEST   |
| 125190                                                                         | 113018/1887 | NOT<br>AVAILABLE     | Am-241  | 100 mCi<br>3.7 GBq | 19 Feb 2015<br>23 Feb 2015 | 1.13E-05 $\mu$ Ci<br>0.42 Bq | 0 $\mu$ Ci<br>-0.12281 Bq         | SOURCE<br>PASSES TEST   |

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STATE OF WISCONSIN RADIOACTIVE MATERIALS LICENSE 071-1234-01

| SEALED SOURCE LEAK TEST CERTIFICATE                                                                          |                                             |                             |                                           |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|-------------------------------------------|
| RAM ACCESSION NO.                                                                                            |                                             | 125192                      |                                           |
| AEROFIL TECHNOLOGY, INC. - SULLIVAN                                                                          |                                             |                             |                                           |
| LOCATION                                                                                                     |                                             | 63080 - SULLIVAN            |                                           |
| CONTACT PERSON                                                                                               |                                             | Jody McCall                 | PHONE 573-468-5551 X-1184                 |
| AEROFIL TECHNOLOGY, INC.<br>SULLIVAN<br>325 Industrial Park Drive<br><br>SULLIVAN, MO 63080<br>UNITED STATES |                                             |                             |                                           |
| LEAK TEST ANALYSIS                                                                                           |                                             |                             |                                           |
| EQUIPMENT NO.                                                                                                | NOT AVAILABLE                               | DEVICE/TOOL NUMBER          | NOT AVAILABLE                             |
| MODEL #                                                                                                      | FT-50                                       | MANUFACTURER                | INDUSTRIAL DYNAMICS - FILTEC              |
| SOURCE SERIAL NO.                                                                                            | 113466/6402                                 | MANUFACTURER S/N            |                                           |
| ISOTOPE                                                                                                      | Am-241                                      | SOURCE ORIGINAL ACTIVITY    | 100 mCi<br>3.7 GBq                        |
| DATE SOURCE WIPED                                                                                            | 19 Feb 2015                                 | REASON FOR TEST             | PERIODIC                                  |
| ANALYSIS DATE                                                                                                | 23 Feb 2015                                 | ANALYTICAL METHOD           | Liquid Scintillation Counting             |
| GROSS SAMPLE COUNT                                                                                           | 31 cpm                                      | INSTRUMENT                  | Perkin Elmer Tri-Carb<br>3110TR<br>130414 |
| BACKGROUND                                                                                                   | 20 cpm                                      | COUNTING EFFICIENCY         | 95%                                       |
| NET SAMPLE COUNT                                                                                             | 9.03158 dpm                                 | MINIMUM DETECTABLE ACTIVITY | 1.13E-05 µCi<br>0.42 Bq                   |
| SAMPLE ANALYSIS ACTIVITY                                                                                     | 1E-05 µCi<br>0.19298 Bq                     | PASS/FAIL CRITERION         | 0.005 µCi<br>185 Bq                       |
| SOURCE PASSES TEST                                                                                           |                                             | ACTION LEVEL                | 0.001 µCi<br>37 Bq                        |
| ANALYST                                                                                                      | Virginia Parlato<br><i>Virginia Parlato</i> |                             |                                           |
| NOTES:                                                                                                       |                                             |                             |                                           |
| ADDITIONAL SOURCE DESCRIPTION:                                                                               |                                             |                             |                                           |



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| SEALED SOURCE LEAK TEST CERTIFICATE                                                                          |                                             |                             |                                        |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|----------------------------------------|
| RAM ACCESSION NO.                                                                                            |                                             | 125191                      |                                        |
| AEROFIL TECHNOLOGY, INC. - SULLIVAN                                                                          |                                             |                             |                                        |
| LOCATION                                                                                                     |                                             | 63080 - SULLIVAN            |                                        |
| CONTACT PERSON                                                                                               |                                             | Jody McCall                 | PHONE 573-468-5551 X-1184              |
| AEROFIL TECHNOLOGY, INC.<br>SULLIVAN<br>325 Industrial Park Drive<br><br>SULLIVAN, MO 63080<br>UNITED STATES |                                             |                             |                                        |
| LEAK TEST ANALYSIS                                                                                           |                                             |                             |                                        |
| EQUIPMENT NO.                                                                                                | NOT AVAILABLE                               | DEVICE/TOOL NUMBER          | NOT AVAILABLE                          |
| MODEL #                                                                                                      | FT-50                                       | MANUFACTURER                | INDUSTRIAL DYNAMICS - FILTEC           |
| SOURCE SERIAL NO.                                                                                            | 113019/5594                                 | MANUFACTURER S/N            |                                        |
| ISOTOPE                                                                                                      | Am-241                                      | SOURCE ORIGINAL ACTIVITY    | 100 mCi<br>3.7 GBq                     |
| DATE SOURCE WIPED                                                                                            | 19 Feb 2015                                 | REASON FOR TEST             | PERIODIC                               |
| ANALYSIS DATE                                                                                                | 23 Feb 2015                                 | ANALYTICAL METHOD           | Liquid Scintillation Counting          |
| GROSS SAMPLE COUNT                                                                                           | 15 cpm                                      | INSTRUMENT                  | Perkin Elmer Tri-Carb 3110TR<br>130414 |
| BACKGROUND                                                                                                   | 20 cpm                                      | COUNTING EFFICIENCY         | 95%                                    |
| NET SAMPLE COUNT                                                                                             | -3.94737 dpm                                | MINIMUM DETECTABLE ACTIVITY | 1.13E-05 µCi<br>0.42 Bq                |
| SAMPLE ANALYSIS ACTIVITY                                                                                     | 0 µCi<br>-0.08772 Bq                        | PASS/FAIL CRITERION         | 0.005 µCi<br>185 Bq                    |
| SOURCE PASSES TEST                                                                                           |                                             | ACTION LEVEL                | 0.001 µCi<br>37 Bq                     |
| ANALYST                                                                                                      | Virginia Parlato<br><i>Virginia Parlato</i> |                             |                                        |
| NOTES:                                                                                                       |                                             |                             |                                        |
| ADDITIONAL SOURCE DESCRIPTION:                                                                               |                                             |                             |                                        |



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| SEALED SOURCE LEAK TEST CERTIFICATE                                                                          |                                             |                             |                                           |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|-------------------------------------------|
| RAM ACCESSION NO.                                                                                            |                                             | 125190                      |                                           |
| AEROFIL TECHNOLOGY, INC. - SULLIVAN                                                                          |                                             |                             |                                           |
| LOCATION                                                                                                     |                                             | 63080 - SULLIVAN            |                                           |
| CONTACT PERSON                                                                                               |                                             | Jody McCall                 | PHONE 573-468-5551 X-1184                 |
| AEROFIL TECHNOLOGY, INC.<br>SULLIVAN<br>325 Industrial Park Drive<br><br>SULLIVAN, MO 63080<br>UNITED STATES |                                             |                             |                                           |
| LEAK TEST ANALYSIS                                                                                           |                                             |                             |                                           |
| EQUIPMENT NO.                                                                                                | NOT AVAILABLE                               | DEVICE/TOOL NUMBER          | NOT AVAILABLE                             |
| MODEL #                                                                                                      | FT-50                                       | MANUFACTURER                | INDUSTRIAL DYNAMICS - FILTEC              |
| SOURCE SERIAL NO.                                                                                            | 113018/1887                                 | MANUFACTURER S/N            |                                           |
| ISOTOPE                                                                                                      | Am-241                                      | SOURCE ORIGINAL ACTIVITY    | 100 mCi<br>3.7 GBq                        |
| DATE SOURCE WIPED                                                                                            | 19 Feb 2015                                 | REASON FOR TEST             | PERIODIC                                  |
| ANALYSIS DATE                                                                                                | 23 Feb 2015                                 | ANALYTICAL METHOD           | Liquid Scintillation Counting             |
| GROSS SAMPLE COUNT                                                                                           | 13 cpm                                      | INSTRUMENT                  | Perkin Elmer Tri-Carb<br>3110TR<br>130414 |
| BACKGROUND                                                                                                   | 20 cpm                                      | COUNTING EFFICIENCY         | 95%                                       |
| NET SAMPLE COUNT                                                                                             | -6.04211 dpm                                | MINIMUM DETECTABLE ACTIVITY | 1.13E-05 µCi<br>0.42 Bq                   |
| SAMPLE ANALYSIS ACTIVITY                                                                                     | 0 µCi<br>-0.12281 Bq                        | PASS/FAIL CRITERION         | 0.005 µCi<br>185 Bq                       |
| SOURCE PASSES TEST                                                                                           |                                             | ACTION LEVEL                | 0.001 µCi<br>37 Bq                        |
| ANALYST                                                                                                      | Virginia Parlato<br><i>Virginia Parlato</i> |                             |                                           |
| NOTES:                                                                                                       |                                             |                             |                                           |
| ADDITIONAL SOURCE DESCRIPTION:                                                                               |                                             |                             |                                           |