



# OHIO DEPARTMENT OF HEALTH

246 North High Street  
Columbus, Ohio 43215

614/466-3543  
www.odh.ohio.gov

John R. Kasich/Governor

Richard Hodges/Director of Health

Austin Master Services, LLC  
Attn: Peter Collopy, CHP, Radiation Safety Officer  
355 Circle of Progress  
Pottstown, PA 19464

September 12, 2014

Dear Mr. Collopy:

Enclosed is Amendment 2 to your State of Ohio Radioactive Materials License No. 03219510000, in accordance with your recent amendment request. Please review the license document to ensure that you understand all of the conditions. If you have any questions or detect any errors, do not hesitate to contact the Bureau of Radiation Protection (BRP) at (614) 644-2727.

Your license will expire on 02/01/2019. You must conduct your radioactive material program in accordance with your license, representations made in your license application and the Ohio Administrative Code. In particular, you must:

1. Notify the BRP in writing, within the appropriate time frames, when:
  - a. An authorized user or Radiation Safety Officer discontinues duties under the license or has a name change;
  - b. The licensee's mailing address changes;
  - c. You decide to terminate all activities involving radioactive materials authorized under your license; or
  - d. If you decide not to possess or use the authorized radioactive material.
2. Request to obtain a license amendment before you:
  - a. Receive or use radioactive material not authorized on your license;
  - b. Change Radiation Safety Officer;
  - c. Order radioactive material of a different form or in excess of the amount authorized on your license;
  - d. Add or change areas of use, which involve the use of radioactive materials requiring a written directive;
  - e. Add or change areas or addresses of use identified in the license application or on the license;
  - f. Change ownership of the organization; or
  - g. Permit anyone to work as an authorized user who is not listed on your license.
3. Submit a complete license Renewal Application at least 90 days before the expiration date of your license (180 days for broad-scope licensees).

The BRP will periodically inspect your operations involving licensed materials. Failure to conduct your radioactive material program in accordance with State of Ohio regulations, license conditions and representations made in your license application may result in enforcement actions against you.

The Ohio Department of Health (ODH) has recently adopted a new Safety Culture Policy Statement. While this policy statement is not a regulation, it sets forth the agency's expectations for individuals and organizations to establish and maintain a positive safety culture for regulated programs using radioactive materials and/or radiation-generating equipment in Ohio. You may access the policy statement on the BRP home page of the ODH web-site at: <http://www.odh.ohio.gov/odhprograms/rp/radprov/radppub1.aspx>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture within your organization.

Sincerely,

Chuck McCracken  
Supervisor  
Bureau of Radiation Protection

## OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIAL

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess and transfer radioactive material as designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the applications of Chapter 3748 of the Ohio Revised Code and all applicable rules promulgated thereunder. This license is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

LICENSEE	LICENSE NUMBER
1. Austin Master Services, LLC	2. 03219 510000
2. 355 Circle of Progress Pottstown, PA 19464	EXPIRATION DATE
	3. February 1, 2019
	FILE/ID NUMBER
	4. 501482/7549

6. RADIOACTIVE MATERIAL	7. CHEMICAL AND/OR PHYSICAL FORM	8. MAXIMUM QUANTITY THAT LICENSEE MAY PROCESS AT ANY ONE TIME UNDER THIS LICENSE
A. Uranium – Depleted and Natural	A. Any	A. As necessary for the uses authorized in item no. 9. Total not to exceed 370 GBq (10 Ci)
B. Any radioactive material with atomic numbers 1 to 103, except Special Nuclear Material	B. Any	B. No single isotope to exceed 37 GBq (1Ci). Total not to exceed 370 GBq (10Ci)
C. U-233	C. Any	C. 200 grams as specified in condition no. 11
D. Uranium enriched in the U-235 isotope	D. Any	D. 350 grams of contained U-235 as specified in condition no.11
E. Plutonium	E. Any	E. 200 grams as specified in condition no. 11
F. Ra-226	F. Contaminant in TENORM solid waste	F. As necessary for the uses authorized in item no. 9. Total not to exceed 74 GBq ( 2 Ci)
G. Ra-228	G. Contaminant in TENORM solid waste	G. As necessary for the uses authorized in item no. 9. Total not to exceed 74 GBq ( 2 Ci)

### 9. AUTHORIZED USE

- |        |                                                                                                                                                                                                                                                                                                                                                       |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A to E | Processing, storage, packaging, and shipment of radioactive material incident to the surface decontamination of structures, components and items for the purpose of unrestricted release. This license also authorizes surveys, characterizations and remediation of radioactively contaminated structures, materials, soils and soil-like materials. |
| F to G | Receipt, shipment and radiological analysis of containerized TENORM solid waste.                                                                                                                                                                                                                                                                      |

### CONDITIONS

10. Licensed materials shall be used only at 801 North 1<sup>st</sup> Street, Martins Ferry, Ohio 43935; and temporary job sites of the licensee anywhere in the State of Ohio. Except for calibration sources, reference standards and contaminated equipment owned by the licensee, processing of licensed material at each temporary job site shall be limited to material originating from each site. This material must either be transferred to an authorized recipient or remain at the temporary job site after licensee activities are complete.

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11. For each kind of Special Nuclear Material, determine the ratio between the quantity of that Special Nuclear Material and the quantity specified in 8C, 8D, or 8E for the same kind of special nuclear material. The sums of such ratios for all kinds of Special Nuclear Material in combination shall not exceed "1" (i.e. unity).
12. Licensed material shall be used by those individuals receiving the training described in the license application dated 12/6/2013.
13. The Radiation Safety Officer (RSO) for this license is: Peter Collopy, CHP, CIH, CSP
14. The licensee shall notify the Ohio Department of Health in writing at least 14 days before initiating activities at a temporary job site. This notification shall include:
  - A. The estimated type, quantity, and physical/chemical forms of licensed material to be used;
  - B. The specific site location;
  - C. A description of planned activities including waste management and disposition;
  - D. The estimated start date and completion date for the job; and
  - E. The name and title of a point of contact for the job, including information on how to contact the individual.
  - F. Written agreements between the licensee and customer pursuant to condition no. 15
15. If a customer also holds a license issued by the Ohio Department of Health or the Nuclear Regulatory Commission, the licensee shall establish a written agreement between the licensee and the customer specifying which licensee activities will be performed under the customer's license and supervision and which licensee activities will be performed under the licensee's supervision pursuant to this license. The agreement shall include a commitment by the licensee and the customer to ensure safety, plus any commitments by the licensee to help the customer clean up the temporary job site if there is an accident. A copy of this agreement shall be included in the notification required by license condition 14.
16. The licensee shall maintain records of information important to decommissioning each temporary job site at the applicable job site pursuant to the applicable regulations. The records shall be made available to the customer upon request. At the completion of activities at a temporary job site, the licensee shall transfer these records to the customer for retention.
17. Before processing any licensed material at a temporary job site in quantities requiring an emergency plan the licensee shall either:
  - A. Obtain Ohio Department of Health approval of an evaluation demonstrating that an emergency plan is not required pursuant to rules 3701:1-40-14 and 3701:1-44-14 of the Administrative Code.
  - B. Submit written confirmation to the Director, Ohio Department of Health, that licensee personnel have been trained and will follow the provisions of an existing emergency plan approved by the Ohio Department of Health or the Nuclear Regulatory Commission for the temporary job site.
18. If approved by a Radiation Safety Officer specifically identified in this license, the licensee may take reasonable action in an emergency that departs from conditions in this license when the action is immediately needed to protect public health and safety, and no action consistent with all license conditions that can provide adequate or equivalent protection is immediately apparent. The licensee shall notify the Ohio Department of Health before, if practicable, and in any case, immediately after taking such emergency using the reporting procedure as specified in rule 3701:1-40-20 of the Administrative Code.
19. The licensee shall maintain complete and accurate records of the receipt and disposal of radioactive material. The licensee shall, for radioactive material no longer useful for any purpose and for any equipment or supplies contaminated with such material for which further use and decontamination is not planned, define those materials as radioactive waste and treat them as such in accordance with the following provisions:
  - A. Radioactive waste material shall not be stored with non-radioactive waste.
  - B. A written record of all radioactive waste material shall be maintained until it has been shipped to an authorized recipient in accordance with all applicable regulations. Accountability of radioactive waste material prepared for shipment but not yet shipped shall be maintained by the licensee by an internal record system such that the licensee is constantly aware of the material's location and the proposed time of shipment. Individuals who are involved in

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the shipping of such material and/or the storage of such material prior to shipment, shall be trained in the precautions necessary for such handling and storage.

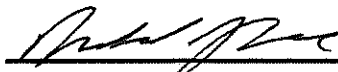
- C. Shipment records of radioactive waste material shall be maintained and the licensee shall require written confirmation from the authorized recipient of such material that the material has been received.
- D. All records and written confirmations required by this condition shall be maintained by the licensee for inspection by the Ohio Department of Health.
20. Except for plutonium contained in a medical device designed for individual human application, no plutonium, regardless of form, shall be delivered to a carrier for shipment by air transport or transported in an aircraft by the licensee except in packages the design of which the U.S. NRC has specifically approved for transport of plutonium by air.
21. Sealed sources shall be tested for leakage and/or contamination in accordance with rule 3701:1-38-24 of the Ohio Administrative Code.
22. All sealed sources that are used or obtained shall have been evaluated and approved under the provision of rule 3701:1-46-49 of the Administrative Code or by equivalent NRC or Agreement State regulation.
23. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
24. The licensee is authorized to transport licensed material only in accordance with the provisions of Chapter 3701:1-50 of the Ohio Administrative Code.
25. Within 30 days of completing activities at each temporary job site location, the licensee shall notify the Ohio Department of Health in writing of the temporary job site status and the disposition of any licensed material used.
26. The license is authorized to conduct radiological analysis of containerized TENORM solid waste in accordance with the Austin Master - Ohio TENORM Waste Acceptance Procedure, number RP-AMS-035 revision 4, dated 1/27/2014.
27. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Ohio Department of Health's statutes, rules, and orders shall govern unless statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated 12/6/2013; and supplemental communications dated 12/13/2013; 1/6/2014; 1/26/2014; 1/27/2014; and 1/28/2014.
- B. Letters dated 9/10/2014 (Materials Disposition) and 9/5/2014 (Amendment # 2 Request).

For the Ohio Department of Health

DATE:

9/12/14

BY:



Michael J. Snee, Chief  
Bureau of Radiation Protection  
on behalf of the Director of Health