

Fiscal Year 2019 Radiation Management Fees

Fees reflect a CPI increase of 2.1% effective July 1, 2018
as authorized by OAC 252:410-7-3(a)(5).

| Materials Licensees | | |
|-------------------------------------|---|-------------|
| [OAC 252:410-10-102 through 10-110] | | |
| | Category of Materials License | Annual Fee |
| 1. Special nuclear material: | | |
| | OAC 252:410-10-102(a) Industrial Measuring Systems. Licenses to possess and use special nuclear material in sealed sources contained in devices used in industrial measuring systems, including x-ray fluorescence analyzers. [1.C.] | \$1,354.56 |
| | OAC 252:410-10-102(b) Other. All other special nuclear material licenses. [1.D.] | \$3,071.76 |
| 2. Source material: | | |
| | OAC 252:410-10-103(a) Shielding. Licenses to possess, use and/or install source material for shielding. [2.B.] | \$522.63 |
| | OAC 252:410-10-103(b) Other. Other source material licenses. [2.C.] | \$8,895.31 |
| 3. Byproduct material: | | |
| | OAC 252:410-10-104(a)(1) Processing and Manufacturing. Broad scope licenses issued under 252:410-10-30 and 252:410-10-33. [3.A.] | \$17,022.67 |
| | OAC 252:410-10-104(a)(2) Other. Other licenses issued under 252:410-10-30 for processing or manufacturing of items containing byproduct material for commercial distribution. [3.B.] | \$5,834.21 |
| | OAC 252:410-10-104(b)(1) Medical Product Distribution (combined). Licenses issued under 252:410-10-32(3)(E), (F), and (G) authorizing the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits and/or sources and devices containing byproduct material. This category also includes processing or manufacturing and distribution or redistribution, including possession and use of source material for shielding authorized under 252:410-10-40 on the same license. [3.C.] | \$11,508.44 |
| | OAC 252:410-10-104(b)(2) Medical Product Distribution (distribution only). Licenses issued under 252:410-10-32(3)(E), (F), and (G) authorizing the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits and/or sources and devices containing byproduct material. This category also includes distribution or redistribution not involving processing or manufacturing of the byproduct material, including possession and use of source material for shielding authorized under 252:410-10-40 when included on the same license. [3.D.] | \$4,607.64 |
| | OAC 252:410-10-104(c) Irradiation (self-shielded units). Licenses to possess and use byproduct material in sealed sources for irradiation of materials in which the source is not removed from its shield (selfshielded units). [3.E.] | \$3,221.08 |

3. Byproduct material: (continued...)

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| OAC 252:410-10-104(d) Irradiation (small non self-shielded units). Licenses to possess and use less than 10,000 curies of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes, including underwater irradiators for irradiation of material in which the source is not exposed for irradiation purposes. [3.F.] | \$3,989.03 |
| OAC 252:410-10-104(e) Category 7 Irradiation (large non self-shielded units). Licenses to possess and use 10,000 curies or more of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes including underwater irradiators for irradiation of materials in which the source is not exposed for irradiation purposes. [3.G.] | \$19,934.45 |
| OAC 252:410-10-104(f) Distribution to exempt persons (reviewable items). Licenses issued under 252:410-10-32.(2) to distribute items containing byproduct material that require review to persons exempt from 252:410-10-30 licensing requirements, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from 252:410-10-30 licensing requirements. [3.H.] | \$4,543.64 |
| OAC 252:410-10-104(g) Distribution to exempt persons (non-reviewable items). Licenses issued under 252:410-10-32(2) to distribute items containing byproduct material or quantities of byproduct material that do not require device evaluation to persons exempt from 252:410-10-30 licensing requirements, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from 252:410-10-30 licensing requirements. [3.I.] | \$7,242.10 |
| OAC 252:410-10-104(h) Distribution to general licensees (reviewable items). Licenses issued under 252:410-32(3) to distribute items containing byproduct material that require sealed source and/ or device review to persons generally licensed under 252:410-10-31, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under 252:410-10-31. [3.J] | \$3,221.08 |
| OAC 252:410-10-104(i) Distribution to general licensees (non-reviewable items). Licenses issued under 252:410-10-32(3) to distribute items containing byproduct material or quantities of byproduct material that do not require sealed source and/or device review to persons generally licensed under 252:410-10-31, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under 252:410-10-31. [3.K.] | \$2,122.50 |
| OAC 252:410-10-104(j) Research and development (broad scope licenses). Broad scope licenses issued under 252:410-10-30 and 252:410-10-33 to possess and use byproduct material for research and development that do not authorize commercial distribution. [3.L.] | \$12,575.02 |

| 3. Byproduct material: (continued...) | | |
|---------------------------------------|---|--|
| | OAC 252:410-10-104(k) Research and development (licenses other than broad scope). Licenses, other than broad scope licenses, issued under 252:410-10-30 to possess and use byproduct material for research and development that do not authorize commercial distribution. [3.M.] | \$5,674.23 |
| | OAC 252:410-10-104(l) Service providers. Licenses authorizing services for other licensees, except licenses that authorize only calibration and/or leak testing services which are subject to the fees specified in subsection (n) of this section, and waste disposal services which are subject to the fees specified in 252:410-10-105. [3.N.] | \$6,292.85 |
| | OAC 252:410-10-104(m) Industrial radiography. Licenses issued under 252:410-10-34 to possess and use byproduct material for industrial radiography operations, including possession and use of source material for shielding authorized under 252:410-10-40 when authorized on the same license. [3.O.] | \$14,420.21 |
| | OAC 252:410-10-104(n) Miscellaneous including gauges and measuring devices. All other specific byproduct material licenses or which no fees are identified in 252:410-10-104 through 110. [3.P.] | \$1,695.87 |
| 4. Waste disposal and processing: | | |
| | OAC 252:410-10-105(a) Waste storage, processing and disposal. Licenses specifically authorizing the receipt of waste byproduct, source or special nuclear material from others for the purpose of contingency storage or commercial land disposal by the licensee or licenses for receipt of waste from other persons for incineration or other treatment including the packaging of resulting waste and residues and the transfer of the packages by the licensee to another authorized to receive or dispose of waste material. Currently, there are no Radioactive Materials Program licenses for this category. [4.A.] | Fee to be established when a license is issued for this category |
| | OAC 252:410-10-105(b) Packaging for transfer and disposal. Licenses specifically authorizing the receipt of waste byproduct, source or special nuclear material from others for the purpose of packaging or repackaging the waste material and transferring it to another authorized to receive or dispose of the material. [4.B.] | \$13,076.31 |
| | OAC 252:410-10-105(c) Prepackaged waste transfer. Licenses specifically authorizing the receipt of prepackaged waste byproduct, source or special nuclear material from others and the transfer of it to another authorized to receive or dispose of the waste material. [4.C.] | \$7,978.05 |
| 5. Well logging: | | |
| | OAC 252:410-10-106(a) Well logging, well surveys and non-field flooding tracer studies. Licenses to possess and use byproduct, source material or special nuclear material for well logging, well surveys and tracer studies other than field flooding tracer studies. [5.A.] | \$8,436.68 |
| | OAC 252:410-10-106(b) Field flooding tracer studies. Licenses to possess and use byproduct material for field flooding tracer studies. [5.B.] | \$13,492.29 |

| 6. Nuclear laundries: | | |
|----------------------------------|---|-------------|
| | OAC 252:410-10-107 Nuclear laundries. Licenses to commercially collect and launder items contaminated with byproduct, source or special nuclear material. [6.A.] | \$12,575.02 |
| 7. Medical licenses: | | |
| | OAC 252:410-10-108(a) Teletherapy. Licenses issued under 252:410- 10 parts 30, 35, 40 or 70 for human use of byproduct, source or special nuclear material in sealed sources contained in teletherapy devices, including possession and use of source material for shielding when authorized on the same license. [7.A.] | \$10,580.51 |
| | OAC 252:410-10-108(b) Medical research/development (broad scope). Broad scope licenses issued under 252:410-10 parts 30, 33, 35, 40 or 70 to medical institutions or two or more physicians and authorizing research and development, including human use of byproduct material, except licenses for byproduct, source or special nuclear material in sealed sources contained in teletherapy devices. This fee category also includes the possession and use of source material for shielding when authorized on the same license. [7.B.] | \$24,232.78 |
| | OAC 252:410-10-108(c) Other. Other licenses issued under 252:410-10-parts 30, 35, 40 and 70 for human use of byproduct, source or special nuclear material, except licenses for byproduct, source or special nuclear material in sealed sources contained in teletherapy devices. This fee category includes possession and use of source material for shielding when authorized on the same license. [7.C.] | \$4,906.28 |
| 8. Civil defense: | | |
| | OAC 252:410-10-109 Civil defense. Licenses to possess and use byproduct, source or special nuclear material for civil defense activities. [8.A.] | \$1,839.86 |
| 14. Decommissioning/Reclamation: | | |
| | OAC 252:410-10-110 Decommissioning, reclamation. Byproduct, source or special nuclear material licenses and other approvals authorizing decommissioning, decontamination, reclamation or site restoration activities and oversight of authorized activities, including inspections, reviews and report preparation. [14] | Full Cost |

| Radiation Producing Machines [OAC 252:410-3-3(c) and Appendix A] | | | |
|---|--|---------------|---------------------|
| | Description | First Machine | Additional Machines |
| *Group A | Particle accelerators used for the production of radionuclides - [OAC 252:410-17] | \$2,453.14 | \$490.63 |
| *Group B-1 | Particle accelerators used for therapeutic purposes with beam energies of 1 MeV and above - [OAC 252:410-11, Part 5] | \$1,226.58 | \$245.32 |

| Radiation Producing Machines [OAC 252:410-3-3(c) and Appendix A] (continued...) | | | |
|---|--|------------|----------|
| *Group B-2 | X-ray systems and particle accelerators used for therapeutic purposes with beam energies less than 1 MeV [OAC 252:410-11, Part 3] and simulators used for therapy treatment planning - [OAC 252:410-11-75] | \$373.30 | \$95.99 |
| *Group C-1 | Particle accelerators for non-therapeutic uses not covered in Group A or Group C-2 - [OAC 252:410-17] | \$1,226.57 | \$245.32 |
| *Group C-2 | Industrial electron beam systems - [OAC 252:410-17-8] | \$618.62 | \$127.99 |
| *Group D-1 | Open beam x-ray machines - [OAC 252:410-13, Part 5] and x-ray machines used for industrial radiography - [OAC 252:410-15] | \$373.30 | \$95.99 |
| *Group D-2 | Analytical or industrial x-ray machines not included in Group D-1 with energies greater than 10 kVp and 1 mA - [OAC 252:410-13] | \$245.32 | \$63.99 |
| <p>* Maximum Fee for Group A - \$3,679.71 Maximum Fee for Group B - \$2,453.15 Maximum Fee for Group C - \$1,471.88 Maximum Fee for Group D - \$927.93</p> | | | |
| <p>Use the highest "First Machine" fee and add the "Additional Machines" fee based on the actual Group of the additional machine (not necessarily the same as the first machine). For example, the fee for a facility with a particle accelerator used for industrial purposes (Group C-1) and an industrial electron beam system (Group C-2) would be \$1,226.57 + \$127.99 = \$1,384.56</p> | | | |

| Fees for Small Entities (must certify annually) [OAC 252:410-10-111] | | |
|--|--------------------------|--|
| Category | | Maximum Annual Fee per Licensed Category |
| Small Businesses: A for-profit concern that provides a service, or a concern not engaged in manufacturing with annual gross receipts for the previous fiscal year within the ranges set forth below, averaged over its last 3 completed fiscal years. | \$350,000 to \$5 million | \$1,845.19 |
| | Less than \$350,000 | \$437.30 |
| | | |
| Small Organization: A not-for-profit organization that is independently owned and operated and has annual gross receipts within the ranges set forth below. | \$350,000 to \$5 million | \$1,845.19 |
| | Less than \$350,000 | \$437.30 |
| | | |
| Manufacturing Industry: A manufacturing concern with an average number of employees within the ranges set forth below, based upon employment during each pay period for the preceding 12 calendar months. | 35 to 500 employees | \$1,845.19 |
| | Fewer than 35 employees | \$437.30 |
| | | |

| Small Businesses/Non-Profits/Governments/Education [OAC 252:410-10-111] (continued...) | | |
|--|-------------------------|------------|
| Small Governmental Jurisdictions (includes publicly supported educational institutions): A government of a city, county, town, township, village, school district, or special district with a population within the following ranges. | | |
| | 20,000 to 50,000 | \$1,845.19 |
| | Fewer than 20,000 | \$437.30 |
| Small Educational Institutions: An education institution that is not state or publicly supported and employment within the following ranges. | | |
| | 35 to 500 employees | \$1,845.19 |
| | Fewer than 35 employees | \$437.30 |

| Full Cost Fees [OAC 252:410-10-114] | |
|---|-----------------------------|
| Per hour fee for DEQ staff time and actual costs of any contractual services. | Fee \$122.66/hour |

| Reciprocity Fees [OAC 252:410-10-118] | |
|---|--|
| License Categories Listed Under: | Fee |
| OAC 252:410-10-104(e) & (m) OAC 252:410-10-105 OAC 252:410-10-106(b) OAC 252:410-10-107 OAC 252:410-10-110 | For applications received 3 or more days before the work is to be performed, the higher of \$3,071.76 or full cost, up to the applicable annual fee. |
| All Other Categories | For applications received 3 or more days before the work is to be performed, the higher of \$1,845.19. |
| An applicant shall pay an additional fee of \$1,000 if the applicant submits a request received less than three days before the work is to be performed. | |

| Generally Licensed Devices [OAC 252:410-10-121] | |
|---|----------|
| Annual registration fee for generally licensed devices | \$319.97 |

| Industrial Radiographer Certification [OAC 252:410-5-3] | |
|---|----------|
| Application fee for Industrial Radiography Certification Exam | \$149.32 |
| Replacement Card | \$21.33 |