



**ARIZONA DEPARTMENT OF HEALTH SERVICES
BUREAU OF RADIATION CONTROL
4814 South 40th Street, Phoenix, AZ 85040**

Notice of Registration Certificate for Ionizing Radiation Machine

| | | | |
|---|-----------------------|--|--|
| 1. Name of Registrant | | 2. Facility Address | |
| THE UNIVERSITY OF ARIZONA dba RESEARCH LABORATORY & SAFETY SERVICES | | 1717 EAST SPEEDWAY BOULEVARD SUITE 1201 TUCSON, AZ 85719 | |
| 3. Type of Facility | 4. Expiration Date | 5. Registration Number | |
| EDUCATIONAL (TRANSDISCIPLINARY) | APRIL 30, 2035 | ET-1373 | |

Registration Information

| | | | |
|------------------|---------------|----------|-------------------|
| Issue Reference: | AMENDMENT 108 | Purpose: | REMOVE ATLAS IXRF |
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SEE MACHINE LIST PAGES

Registration Conditions:

6. The registrant shall notify the Bureau of Radiation Control (BRC) within thirty days of any change which renders the information contained in their application no longer accurate. *Changes that are not reported within thirty days or failure to pay the assessed fees shall result in the Department proposing or imposing civil money penalties per A.A.C. R9-7-1213 and R9-7-1216.*
7. No person, in any advertisement, shall refer to the fact that a source of radiation is registered by the BRC and no person shall state or imply that any activity under this registration has been approved by this Department.
8. Except as specifically provided otherwise by this registration, the registrant shall possess and use the radiation machines in accordance with the use stated in Item 3 above, and statements, representations and procedures contained in:
 - i. *Form BRC-RSOX designating Radiation Safety Officer responsibilities to **LEON HARRIS**, dated AUGUST 1, 2022.*
9. **This Registration effectively registers and regulates the ionizing radiation producing machines contained within this Registration under the appropriate category described in R9-7-1302 (E), as identified within this Notice of Registration:**
 - i. **"X-RAYS IN THE HEALING ARTS" shall be subject to the requirements of an x-ray machine class A, B, or C registration, as applicable.**
 - ii. **"X-RAYS FOR INDUSTRIAL USES" shall be subject to the requirements of an industrial radiation machine registration.**
10. This amendment replaces all previously issued registrations under the above registration number, as applicable.
11. **Unit number 25 may also be used at 17989 EAST BUTTE AVENUE, FLORENCE, AZ.**

POST IN ACCORDANCE WITH R9-7-1002

The Registrant's installation and the non-licensed source(s) of radiation is(are) hereby duly registered pursuant to A.R.S. § 30-672 and in reliance on statements and representations heretofore made by the registrant in application dated: APRIL 15, 2025, signed by JENNIFER BLYTHE.

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|  Tom Salow, Assistant Director | Issue Date |  Brian D. Goretzki, Bureau Chief |
| | December 8, 2025 | |



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MACHINE CONTINUATION:

| <i>X-RAYS FOR INDUSTRIAL USES</i> | | | | |
|--|--------------------------|----------------------------|------------------------------------|--------------------------|
| Unit No. | Manufacturer | Model Name or Model Number | Machine Type & Sub-type | Location or Room Note |
| 1 | BRUKER-NONIUS | D2 PHASOR | ANALYTICAL ENCLOSED BEAM | BLDG 11 ROOM 2 (M4124) |
| 2 | OLYMPUS NDT | DELTA DS-4000CC | ANALYTICAL HAND-HELD ENCLOSED BEAM | BLDG 26 ROOM 125D (M290) |
| 3 | PANALYTICAL | PW3040-PRO | ANALYTICAL ENCLOSED BEAM | BLDG 38 ROOM 431A (M271) |
| 4 | SPECTRO | XEPOS | ANALYTICAL ENCLOSED BEAM | BLDG 38 ROOM 518 (M283) |
| 5 | OLYMPUS | DELTA-DP-2000 | ANALYTICAL HAND-HELD ENCLOSED BEAM | BLDG 38 ROOM 525 (M297) |
| 6 | PHILIPS | 3040/60 | ANALYTICAL ENCLOSED BEAM | BLDG 44 ROOM 117 (M261) |
| 7 | BRUKER | D8 VENTURE | ANALYTICAL ENCLOSED BEAM | BLDG 44 ROOM 117 (M4122) |
| 8 | KRATOS | AC0944AC | ANALYTICAL ENCLOSED BEAM | BLDG 44 ROOM 213 (M240) |
| 9 | THERMO FISHER SCIENTIFIC | XL3T-950 | ANALYTICAL HAND-HELD ENCLOSED BEAM | BLDG 77 ROOM 341 (M291) |
| 10 | BRUKER-NONIUS | X8 APEX | ANALYTICAL ENCLOSED BEAM | BLDG 77 ROOM 506A (M267) |
| SEE MACHINE CONTINUATION PAGES | | | | |

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MACHINE CONTINUATION:

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|--------------------------------------|-------------------------|----------------------------|---|---------------------------|
| Unit No. | Manufacturer | Model Name or Model Number | Machine Type & Sub-type | Location or Room Note |
| 11 | BRUKER | D8 DISCOVER | ANALYTICAL ENCLOSED BEAM | BLDG 81 ROOM 449 (M311) |
| 12 | BRUKER | D8 VENTURE | ANALYTICAL ENCLOSED BEAM | BLDG 88 ROOM 526A (M304) |
| 13 | SHIMADZU | SMX-225CT FPD HR | ANALYTICAL ENCLOSED BEAM | BLDG 104 ROOM 213 (M4123) |
| 14 | THERMO FISHER | XL5 PLUS | ANALYTICAL HAND-HELD ENCLOSED BEAM | BLDG 184 ROOM 115 (M315) |
| 15 | CURVEBEAM | INREACH | INDUSTRIAL ENCLOSED BEAM RADIOGRAPHIC (CT) | BLDG 201 ROOM 8356 (M312) |
| 17 | FAXITRON | ULTRAFOCUS | INDUSTRIAL RADIOGRAPHIC CERTIFIED/CERTIFIABLE CABINET | BLDG 221 ROOM 619 (M305) |
| 18 | RAD SOURCE TECHNOLOGIES | RS2000-225 | INDUSTRIAL RADIOGRAPHIC CERTIFIED/CERTIFIABLE CABINET | BLDG 222 ROOM 0921 (M313) |
| 19 | XOS | HD ROCKSAND | ANALYTICAL HAND-HELD ENCLOSED BEAM | BLDG 240 ROOM 243 (M4121) |
| 20 | Z-SPEC | ZSM700 | ANALYTICAL ENCLOSED BEAM | BLDG 240 ROOM 243 (M4127) |
| 21 | PRECISION X RAY | RAYX-RAD320 | INDUSTRIAL RADIOGRAPHIC CERTIFIED/CERTIFIABLE CABINET | BLDG 240 ROOM 8B (M177) |
| 22 | FAXITRON | ULTRA FOCUS | INDUSTRIAL RADIOGRAPHIC CERTIFIED/CERTIFIABLE CABINET | BLDG 241 ROOM 430A (M301) |
| SEE MACHINE CONTINUATION PAGE | | | | |

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| Unit No. | Manufacturer | Model Name or Model Number | Machine Type & Sub-type | Location or Room Note |
| 23 | SCANCO | MICROCT45 | INDUSTRIAL RADIOGRAPHIC CERTIFIED/CERTIFIABLE CABINET | BLDG 242 ROOM 030A (M4129) |
| 24 | SIEMENS | 10119235 | INDUSTRIAL RADIOGRAPHIC CERTIFIED/CERTIFIABLE CABINET | BLDG 242 ROOM 30A (M282) |
| 25 | Z-SPEC | ZSM700 | ANALYTICAL ENCLOSED BEAM | BLDG 240 ROOM 200E (M4128) |
| 26 | RIGAKU | MINIFLEX 600 | ANALYTICAL ENCLOSED BEAM | BLDG 119 ROOM N305 (M4131) |

| X-RAYS IN THE HEALING ARTS | | | | | |
|-----------------------------------|--------------|----------------------------|-------------------------|--------------------|----------------------------|
| Unit No. | Manufacturer | Model Name or Model Number | Machine Type & Sub-type | No. of X-Ray Tubes | Location or Room Note |
| 27 | GE-OEC | 9800 PLUS | MOBILE FLUOROSCOPIC | 1 | BLDG 201 MOBILE (M2136) |
| 28 | ECO RAY | ULTRA 90BT | PORTABLE RADIOGRAPHIC | 1 | BLDG 2007 ROOM 148 (M4118) |
| 29 | ECO RAY | ULTRA 90BT | PORTABLE RADIOGRAPHIC | 1 | BLDG 201 (M176) |
| 30 | RAYENCE | PXP-20HF PLUS | PORTABLE RADIOGRAPHIC | 1 | BLDG 201 (M316) |

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