

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material 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 regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Industrial Maintenance Engineering, Inc., d/b/a AIS Gauging</p> <p>2. 5350 N. 13th Street Terre Haute, Indiana 47805</p>	<p>In accordance with application dated September 22, 2014,</p> <p>3. License No. 13-32049-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration Date: September 30, 2019</p> <hr/> <p>5. Docket No. 030-34598 Reference No.</p>
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Krypton-85	A. Sealed sources	A. Not Applicable
B. Americium-241	B. Sealed sources	B. Not Applicable
C. Strontium-90	C. Sealed sources	C. Not Applicable
D. Promethium-147	D. Sealed sources	D. Not Applicable
E. Cesium-137	E. Sealed sources	E. Not Applicable
F. Iron-55	F. Sealed sources	F. Not Applicable
G. Radium-226	G. Sealed sources	G. Not Applicable
H. Any byproduct material with Atomic Nos. 3-83, inclusive and Atomic Nos. 88 and 95	H. Leak test samples	H. 10 millicuries per leak test sample and not to exceed 100 millicuries total, except as specified in License Condition 19.

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9. Authorized use:

- A. through G. For use incident to installation, removal, relocation, packaging, testing the "on-off" mechanisms, collecting leak test samples, and performing radiation surveys of fixed gauges containing licensed material listed in Item 6 only at customers' facilities.
- H. Possession incident to collection **and analysis** of leak/wipe test samples.

CONDITIONS

10. A. Licensed material shall be used only at temporary job sites of the licensee anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
- B. The licensee does not take possession of the radioactive materials and/or sources in Items 6.A. through G. while at the client's facility.
11. A. Licensed material shall be used by, or under the supervision and in the physical presence of, John B. Young, Jr., Glenn A. Wrightsman II, Jeffrey S. Miller, or Fred W. Sanders.
- B. The Radiation Safety Officer (RSO) for this license is John B. Young, Jr.
12. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.
13. Prior to initial use and after installation, relocation, dismantling, alignment, or any other activity involving the source or removal of the shielding, the licensee shall assure that a radiological survey is performed to determine radiation levels in accessible areas around, above and below the gauge with the shutter open. This survey shall be performed only by persons authorized to perform such services by the Commission or an Agreement State.
14. The licensee shall assure that the shutter mechanism is locked in the closed position during periods when any portion of an individual's body may be subject to the direct radiation beam.
15. The licensee shall test each device for leakage or contamination of radioactive material and proper operation of the "on-off" mechanism and indicator, if any, at the time of installation of the device.
16. The procedures contained in the instruction manual for the Model device shall be followed and a copy of this manual shall be made available to each person using or having responsibility for the use of the device.
17. The licensee is authorized to collect leak test samples for analysis by persons specifically licensed by the Commission or an Agreement State to perform such services.

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18. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
19. In addition to the possession limits in Item 8.H., the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
20. 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 U. S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. **Application dated September 22, 2014 (limited only to authorization to analyze leak test samples); and**
- B. **Letters (with attached application) dated March 31, 2009, and December 9, 2014 (with attached procedure for analyzing leak test samples).**

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

DEC 10 2014

Date _____

By _____


Kevin G. Null
Materials Licensing Branch
Region III