

CITYDESIGNGROUP

August 9, 2013

Materials Licensing Branch
U.S Nuclear Regulatory Commission
Region 111
2443 Warrenville Road, suite 210
Lisle, IL 60532-4352

Re: Request for Amendment #6 License Number 24-32442-01

Please accept this correspondence as our request for amendment to license number 24-32442-01. We would like to add to line 9. Authorized Use:

Amendment to License to accommodate Nuclear Moisture/Density gauges manufactured by Humboldt Scientific, Inc.

ITEM 5

Element & Mass Number	Cs¹³⁷	AM²⁴¹/ Be
Chemical & Physical form	Sealed Source	Sealed Source
Source Mnfr & Model	Humboldt Scientific Drawing #2200064	Humboldt Scientific Drawing #2200067
Max. Activity per Source	not to exceed 11 mCi / 407 MBq	not to exceed 44 mCi / 1.63 MBq
Number of Sources requested	Any	Any
Device Mnfr and Model	Humboldt Scientific 5001 Series	

115 Branch St.
St. Louis, MO 63147
P 314.241.9072
F 314.241.3870

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ITEM 6

Intended use: For use in a Humboldt Scientific 5001 series compaction Control Gauge used to measure the moisture and density of engineering materials.

Wipe tests to be performed using HIS 200177 leak test kit processed by Humboldt Scientific, Inc.

Per our letter dated April 15, 2010 we never purchased the Troxler Gauge just changing vendors to Humbolt.

Attached is a copy of our current license and letter dated April 15, 2010.

If you have any questions, please give me a call at 314-241-9072.

Thank You



Bernard simington
President

115 Branch St.
St. Louis, MO 63147
P 314.241.9072
F 314.241.3870



April 15, 2010

Mr. Mike Herr
Materials Licensing Branch
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, suite 210
Lisle, IL 60532-4352

Re: Request for Amendment #5 License Number 24-32442-01

Please accept this correspondence as our request for amendment to license number 24-32442-01. We would like to add to line 9. Authorized Use:

A and B For use in Troxler Model No. 3400 Series and Campbell Pacific Nuclear Model MC – 3 or Instrotek 3500 portable gauging devices for measuring physical properties of material.

By adding another gauge we will need to increase our:

A – Cesium -137 we would like to increase our Total possession limit to 50 millicuries.
And B- Americium – 241 Total possession limit to 250 millicuries.

Please see the attached form that shows the changes we would like to be made to our license.

If you should have any further questions, please feel free to contact Bernard Simington at 314.241.9072.

Thank You,

Bernard Simington
President

115 Branch St
St. Louis, MO 63101
P: 314.241.9072
F: 314.241.3872



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

MAY 22 2013

Robert Galbierz
Radiation Safety Officer
City Design Group, Inc.
115 Branch St.
St. Louis, MO 63147

Dear Mr. Galbierz:

Enclosed is your NRC Material License No. 24-32442-02 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 Code of Federal Regulations (CFR) Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC, in writing, within 30 days:
 - a. When the Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or
 - b. When the mailing address listed on the license changes.
3. In accordance with 10 CFR 30.36(d) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
 - a. When you decide to terminate all activities involving materials authorized under the license; or
 - b. If you decide not to complete the facility, acquire equipment, or possess and use authorized material.
4. Request and obtain a license amendment before you:
 - a. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;

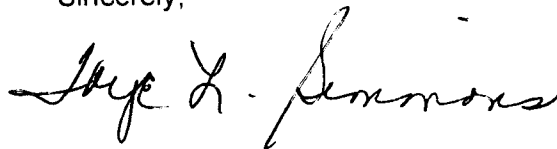
4. Request and obtain a license amendment before you:
 - a. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
 - b. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
 - c. Change ownership of your organization.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

The NRC published its policy statement on safety culture in the *Federal Register* (76 FR 34773; June 14, 2011). This policy statement sets forth agency expectations that individuals and organizations involved in NRC-regulated activities establish and maintain a positive safety culture commensurate with the safety and security significance of their activities and the nature and complexity of their organizations. The NRC has also developed a brochure (NUREG/BR-0500, "Safety Culture Policy Statement," issued June 2011) and a Regulatory Issue Summary 2012-01 dated January 17, 2012 (ML112940226) that are intended to aid stakeholders in understanding the safety culture traits. The policy statement, including relevant background documents, *Federal Register* notices, meeting notices, and presentations made at public meetings, can be accessed on the NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. The Web site also includes the safety culture brochure and tools (e.g., case studies) that support the policy statement.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

A handwritten signature in black ink, appearing to read "Toye L. Simmons". The signature is fluid and cursive, with the first name "Toye" being the most prominent.

Toye L. Simmons
Health Physicist
Materials Licensing Branch

License No. 24-32442-02
Docket No. 030-38638

- Enclosures:
1. License No. 24-32442-02
 2. New Portable Gauge License Package

U.S. NUCLEAR REGULATORY COMMISSION

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, 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.

Licensee	
1. City Design Group, Inc.	3. License number 24-32442-02
2. 115 Branch Street St. Louis, MO 63147	4. Expiration date May 31, 2023
	5. Docket No. 030-38638 Reference No.

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. Cesium-137	A. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible gauging device as specified in Item 9 of this license.	A. No single source to exceed 10 millicuries. Total possession limit of 50 millicuries.
B. Americium-241	B. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible gauging device as specified in Item 9 of this license.	B. No single source to exceed 50 millicuries. Total possession limit of 250 millicuries.
C. Radium-226	C. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible gauging device as specified in Item 9 of this license.	C. No single source to exceed 4.5 millicuries. Total possession limit of 9 millicuries.

9. Authorized use
- A. and B. For use in Campbell Pacific Nuclear Model MC-3, and InstroTek 3500 portable gauging devices for measuring physical properties of materials.
- C. For use in Seaman Nuclear Corporation Model Nos. 75 and C-200 portable gauging devices for measuring physical properties of materials.

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 115 Branch Street and may be used 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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
24-32442-02Docket or Reference Number
030-38638

11. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in application dated April 12, 2013.
12. The Radiation Safety Officer for this license is Robert W. Galbierz.
13.
 - A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by NRC under 10 CFR 32.210 or by an Agreement State.
 - B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by NRC under 10 CFR 32.210 or by an Agreement State prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
 - C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
 - D. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U. S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
 - E. Tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services. In addition, the licensee is authorized to collect leak test samples but not perform the analysis: analysis of leak samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
 - F. Records of leak tests results shall be kept in units of microcuries and shall be maintained for 3 years.
14. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.
15. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license.

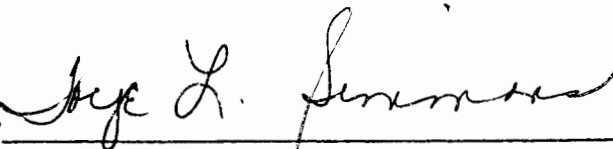
**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
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16. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from NRC before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificates of Registration issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
17. Each portable gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport. A minimum of two independent physical controls that form tangible barriers to secure portable gauges from unauthorized removal whenever the portable gauge is not under the control and constant surveillance of the licensee are required.
18. Any cleaning, maintenance, or repair of the gauges that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or other persons specifically licensed by the Commission or an Agreement State to perform such services.
19. 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."
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 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 April 12, 2013.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date MAY 22 2013

By

Toye L. Simmons
Materials Licensing Branch
Region III

City Design Group, Inc.
115 Branch St.
St. Louis, MO 63147

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