

MATERIALS LICENSE

Amendment No. 02

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.

OFFICIAL RECORD COPY

Licensee	In accordance with the letter dated December 12, 1996, 3. License Number 31-27922-01 is amended in its entirety to read as follows:	
1. Champion International Corporation		
2. Tech Center - West Nyack Road West Nyack, New York 10994	4. Expiration Date July 31, 2002	
	5. Docket or Reference No. 030-29632	
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. Americium 241	A. Sealed source (Amersham Model AMCPI)	A. 80 millicuries

9. Authorized use

- A. For use in NDC Systems Model 104P portable density gauges to measure densities of materials.

CONDITIONS

10. Licensed material 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.
11. A. Licensed material shall be used by, or under the supervision and in the physical presence of individuals who have successfully completed the manufacturer's training program for gauge users and who have been designated by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.
- B. The Radiation Safety Officer for this license is Charles T. Lohrke.
12. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders or detector cells by the licensee.
13. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed 3 years.



**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

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- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.
- E. Sealed sources and detector cells need not be leak tested if:
- (i) they contain only hydrogen 3; or
 - (ii) they contain only a gas; or
 - (iii) the half-life of the isotope is 30 days or less; or
 - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
 - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transfer 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 or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety Branch, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The report shall specify the source involved, the test results, and corrective action taken.
- G. The licensee is authorized to collect leak test samples for analysis by NDC Systems. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

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14. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material."
15. The licensee shall conduct a physical inventory every six months to account for all sealed sources and devices containing licensed material received and possessed under the license.
16. Each portable nuclear 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 shall be locked when in transport or when not under the direct surveillance of an authorized user.
17. The licensee shall not acquire licensed material in a sealed source or in a device that contains a sealed source unless the source or device has been registered with the Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.
18. Any cleaning, maintenance, or repair of the gauge(s) that requires removal of the source rod shall be performed only by the manufacturer or by other persons specifically licensed by the Commission or an Agreement State to perform such services.
19. 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 November 17, 1986
 - B. Letter dated January 14, 1987
 - C. Application dated February 18, 1992
 - D. Letter dated July 2, 1992

For the U.S. Nuclear Regulatory Commission

ORIGINAL SIGNED BY:
JO ANN V. STAMBAUGHDate JAN 31 1997

By

Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406

JAN 31 1997

Mr. Charles T. Lohrke
Radiation Safety Officer
Champion International Corporation
Technical Center
West Nyack Road
West Nyack, NY 10994-0608

Dear Mr. Lohrke:

This refers to your license amendment request. Enclosed with this letter is the amended license. Please note that as part of this amendment, in accordance with 10 CFR 30.36, effective February 15, 1996, the expiration date of your license has been extended by a period of five years. Your new expiration date is stated in Item 4 of the license.

Your license has been issued in the name of an institution, please ensure that all license amendment or renewal requests are signed by a representative of the institution's management. This will assure that management has concurred with all commitments.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original Signed By:

JoAnn V. Stambaugh
Division of Nuclear Materials Safety

License No. 31-27922-01
Docket No. 030-29632
Control No. 124023

Enclosure:
Amendment No. 02

OFFICIAL RECORD COPY ML 10

C.T.Lohrke
Champion International Corp.

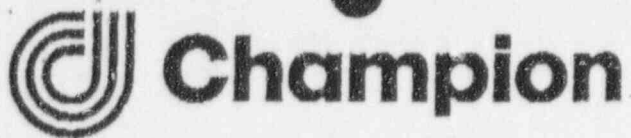
-2-

DOCUMENT NAME: R:\WPS\MLTR\L3127922.01

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	<input checked="" type="checkbox"/> N	DNMS/RI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME	Stambaugh/jvs	<i>CPB</i>					
DATE	12/27/96	<i>12/31/96</i>	12/ /96	12/ /96	12/ /96	12/ /96	

OFFICIAL RECORD COPY



DEC 30 1996

8:54 No.001 P.01

MS-16

LØ

Applied Technologies

West Nyack Road
West Nyack, New York 10994
Main Telephone No. 914/578-7000

FACILITIES FAX NO. 914/578-7272

Transmission Problems: 914/578-7054

TO Janet Stanbaugh FAX # 610-337-5269
LOCATION NRC PHONE # 610-337-6904
FROM Chuck Lohrke DIRECT DIAL # _____

2 pages, including FAX cover sheet

(If you do not receive all pages, please contact the above individual at the "Direct Dial" number listed above.)

NOTES:

Here is my Training Certificate that
you requested.

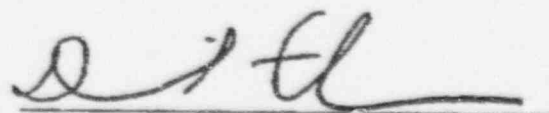
Our Licence #: 31-27922-01

NAIL CONTROL #: 124023

CHUCK LOHRKE

CERTIFICATE OF RADIATION SAFETY TRAINING

This is to certify that Charles Lohrke of Champion International has successfully completed a course in radiation, radiation safety and use of the NDC Systems nuclear measurement device. This course, Number 104, was given at W. Nyack, New York on October 17, 1994.



Daniel Fishman
Radiation Safety Officer
NDC Systems

Dated: December 19, 1994

TELEPHONE CONVERSATION RECORD		Date:	Time:
CONTROL No. 124023		12/27/96	2:00 PM
Person Called:	Charles Lohrke	Organization:	Champion International Corp.
Person Calling:	J. Stambaugh	Telephone Number:	(914) 5787000
Subject: Lic Amendment			
Summary:			
<p>The licensee requested an RSO change. I asked them to fax the training & experience of the new RSO / Certification</p>			
Licence No. 31-27932-01		Docket No. 030-2963	
Action Required/Taken: letter / fax			
Signature: J. Stambaugh		Date: 12/27/96	

OFFICIAL RECORD COPY

ML 10



December 12, 1996

Ms. Kathleen Dolce
Health Physicist
U.S. Nuclear Regulatory Commission, Region 1
475 Allendale Road
King of Prussia, PA 19406

Dear Ms. Dolce:

I would like to request an amendment to our NRC Radioactive Materials License, No. 31-27922-01, Docket No. 030-29632, Control No. 116284.

Please change the Radiation Safety Officer on the license to Charles T. Lohrke. Also list William Gruffi as a backup Radiation Safety Officer.

Both of these gentlemen are capable of performing the duties of an RSO, including leak testing, shutter testing, and taking physical inventories.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Charles T. Lohrke'.

Charles T. Lohrke
Radiation Safety Officer

mp

xc: Frank Antonucci
Bill Gruffi

LICENSE FEE REQUIREMENTS

LICENSE FEE AND DEBT COLLECTION BRANCH
DIVISION OF ACCOUNTING AND FINANCE
OFFICE OF THE CONTROLLER
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001CHAMPION INTERNATIONAL CORPORATION
ATTN: CHARLES T. LOHRKE
RADIATION SAFETY OFFICER
WEST NYACK ROAD
WEST NYACK, NY 10994-0608

TYPE OF ACTION

- ☐ NEW LICENSE
☐ RENEWAL OF LICENSE
☒ AMENDMENT TO LICENSE

REQUESTED DATE

12-12-96

LICENSE NUMBER

31-27922-01

CONTROL NUMBER

124023

I. APPLICATION FEE DUE

Your request for a licensing action is subject to the fee(s) in the category(ies) noted below in accordance with Section 170.31 of the enclosed Federal Register notice. Payment of the fee is required prior to the issuance of the license, renewal, or amendment.

FEE CATEGORY	APPLICATION	RENEWAL	AMENDMENT
3P	\$	\$	\$ 300.00
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$

FEE(S) DUE	\$	300.00
PAYMENT RECEIVED	\$	0.00
AMOUNT DUE	\$	300.00

☒ Your request was received without the prescribed application fee.

☐ We received your Check No. _____ in the amount of \$ _____. Payment of the additional fee noted above is required.

☐ Your request will increase the scope of your license program. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(d)(2).

☐ Your license expired prior to the receipt of your application for renewal. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(a).

MAKE PAYMENT OF THE FEE(S) TO THE U.S. NUCLEAR REGULATORY COMMISSION AND MAIL THE PAYMENT TO THE ADDRESS LISTED AT THE TOP OF THIS FORM. IF WE DO NOT RECEIVE A REPLY FROM YOU WITHIN 30 CALENDAR DAYS FROM THE DATE LISTED BELOW, WE SHALL ASSUME THAT YOU DO NOT WISH TO PURSUE YOUR APPLICATION AND WILL VOID THIS ACTION.

SIGNATURE - LICENSE FEE ANALYST

LFDCB

LFDCB

Brenda Brown

1/3/97

II. FEE NOT REQUIRED

☐ Enclosed is Check No. _____ which accompanied your request. The fee is not required because:

☐ We received your Check No. _____ in payment of the fee.

☐ The Licensing staff has informed us that your request is to be considered as a continuation of your request dated _____, Control No. _____.

☐ Your request was combined, prior to review, with your _____ request, Control No. _____.

III. CHECK RETURNED

☐ Enclosed is Check No. _____ which was returned to us by the bank for:

- ☐ INSUFFICIENT FUNDS
☐ ACCOUNT CLOSED
☐ OTHER

MAIL THE REPLACEMENT CHECK TO THE ADDRESS LISTED AT THE TOP OF THIS FORM AND REFERENCE THE ABOVE CONTROL NUMBER.

IV. LICENSE ISSUED WITHOUT THE REQUIRED FEE

☐ License No. _____, Amendment No. _____, issued on _____ was issued without the required fee being collected. The fee required is noted in Section I of this form.

☐ The scope of your licensed program was increased. Therefore, your request is subject to the application fee(s) noted in Section I of this form. Refer to Section 170.31 and Footnote 1(d)(2).

☐ Because of the urgency of your request, the license was issued without remittance of the prescribed fee noted in Section I of this form.

Distribution:

Pending Fee File OC/DAF/RF

LFARB R/F (2)

Region 1

DATE

Jan 3, 1997

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

PROGRAM CODE: 03121
STATUS CODE: 0
FEE CATEGORY: 3P
EXP. DATE: 20020731
FEE COMMENTS:
DECOM FIN ASSUR REQD: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: CHAMPION INTERNATIONAL CORPORATION
RECEIVED DATE: 961216
DOCKET NO: 3029632
CONTROL NO.: 124023
LICENSE NO.: 31-27922-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: -----
CHECK NO.: -----

3. COMMENTS

SIGNED Rebecca J. Brown
DATE 12/26/96

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1✓1)

1. FEE CATEGORY AND AMOUNT: 3P 73.00

2. CORRECT FEE PAID- APPLICATION MAY BE PROCESSED FOR:

AMENDMENT ✓
RENEWAL -----
LICENSE -----

3. OTHER -----

SIGNED -----
DATE -----

JAN 02 1997

Log	<u>Jan 1 I</u>
Remitter	
Check No.	<u>952513</u>
Amount	<u>83.00</u>
Fee Category	<u>3P</u>
Type of Fee	<u>AMD</u>
Date Check Rec'd	<u>1/5/97</u>
Date Completed	
By:	<u>RB</u>