

# APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

## FEDERAL AGENCIES FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION  
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS  
WASHINGTON, DC 20555

## ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,  
MASSACHUSETTS, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND,  
OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
NUCLEAR MATERIAL SECTION B  
631 PARK AVENUE  
KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA,  
PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR  
WEST VIRGINIA, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION II  
MATERIAL RADIATION PROTECTION SECTION  
101 MARIETTA STREET, SUITE 2900  
ATLANTA, GA 30323

## IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR  
WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
MATERIALS LICENSING SECTION  
799 ROOSEVELT ROAD  
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA,  
NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH,  
OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
MATERIAL RADIATION PROTECTION SECTION  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON,  
AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS  
TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V  
MATERIAL RADIATION PROTECTION SECTION  
1450 MARIA LANE, SUITE 210  
WALNUT CREEK, CA 94596

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

## 1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☒ A. NEW LICENSE  
☐ B. AMENDMENT TO LICENSE NUMBER \_\_\_\_\_  
☐ C. RENEWAL OF LICENSE NUMBER \_\_\_\_\_

## 2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)

Latif Medical, Inc.  
8301 16 1/2 Mile Road Suite 49  
Sterling Hts., Mich. 48077

## 3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.

4435 East Davison  
Detroit, MI 48212

This location is non-residential and  
is an office building.

## 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Ray Kaczur Consultant- Nuclear Medicine Associates

## TELEPHONE NUMBER

216-641-5799

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11 PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

## 5. RADIOACTIVE MATERIAL

a. Element and mass number, b. chemical and/or physical form, and c. maximum amount  
which will be possessed at any one time.

## 6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED

## 7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE

## 8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

## 9. FACILITIES AND:

8510040012 850912  
REG3 LIC30  
21-24565-010 PDR

## 10. RADIATION SAFETY PROGRAM

## 11. WASTE MANAGEMENT

## 12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

### FEE CATEGORY

3P

### AMOUNT

ENCLOSED \$ 230.00

## 13. CERTIFICATION: (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN, IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 743 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

## SIGNATURE—CERTIFYING OFFICER

## TYPED PRINTED NAME

## TITLE

## DATE

*Tariq Baig, President* Tariq Baig

Owner

X 8-29-85

## 14. VOLUNTARY ECONOMIC DATA

### A. ANNUAL RECEIPTS

<\$250K	\$1M-3.5M
\$250K-500K	\$3.5M-7M
\$500K-750K	\$7M-10M
\$750K-1M	>\$10M

### B. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)

### C. NUMBER OF BEDS

D. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Dollar and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it to protect confidential commercial or financial—proprietary—information furnished to the agency in confidence)

YES

NO  
RECEIVED

## FOR NRC USE ONLY

### TYPE OF FEE

### FEE LOG

### FEE CATEGORY

### COMMENTS

### APPROVED BY

### AMOUNT RECEIVED

### CHECK NUMBER

(redistribution)  
Rec'd LFMB  
9/9/85

SEP 03 1985

SEP 3 1985 REGION III

CONTROL NO. 79686

## PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579), the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

1. **AUTHORITY:** Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
2. **PRINCIPAL PURPOSE(S):** The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30, 32, 33, 34, 35 and 40 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.
3. **ROUTINE USES:** The information may be (a) provided to State health departments for their information and use; and (b) provided to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for an NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you.
4. **WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION:** Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed. A request that information be held from public inspection must be in accordance with the provisions of 10 CFR 2.790. Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned need to inspect the document.
5. **SYSTEM MANAGER(S) AND ADDRESS:** U.S. Nuclear Regulatory Commission  
Director, Division of Fuel Cycle and Material Safety  
Office of Nuclear Material Safety and Safeguards  
Washington, D.C. 20555

Item #5

<u>Element/Mass No.</u>	<u>Chemical/Physical Form</u>	<u>Max. Poss. Limit</u>
I-125	In-Vitro kits	400 uCi
Fe-59	In-Vitro kits	400 uCi

Item #6

I. Redistribution of in-vitro kits to general and specific licensees.

A. The following guidelines will be adhered to for redistribution of in-vitro kits to GENERAL licensees:

1. The pre-packaged in-vitro kits to be redistributed will have been obtained from a manufacturer authorized to distribute in-vitro kits in accordance with a specific license issued pursuant to 10 CFR 32.71 or under equivalent licenses of an Agreement State.
2. The manufacturer's packaging and labeling of the in-vitro kits will not be altered in any way.
3. Each redistributed in-vitro kit is accompanied by the manufacturer-supplied package insert, leaflet, or brochure that provides radiation safety instructions for general licensees.

B. The following guidelines will be adhered to for redistribution of in-vitro kits to SPECIFIC licensees:

1. Pre-packaged in-vitro kits will be obtained (as described in 10 CFR 31.11 (a)) for redistribution to specific licensees.
2. We will ensure that the labels, package insert, leaflet, brochure or other documents accompanying the redistributed in-vitro kits do NOT reference GENERAL licenses, exempt quantities, or NRC regulations that authorize a general license (e.g., 10 CFR 31.11).
3. We will ensure that labelling on redistributed in-vitro kits conforms to the requirements of 10 CFR 20.203.

Item #7

Individual Responsible for Radiation Safety Program:

Tariq Baig

Item #9

Facilities and Equipment

I. Survey Meter

- a. Manufacturer's Name: Victoreen
- b. Model No. 498      Probe: 493-50      Serial No: 707M
- c. Number of Instruments Available: One

The survey meter(s) will be calibrated after servicing and at least annually by the manufacturer, by an agency approved by the Nuclear Regulatory Commission, or by Nuclear Medicine Associates, Cleveland, Ohio in accordance with the procedures outlined in application for NRC license #34-16272-01. Records of these calibrations will be maintained on file for review. A survey meter will not be used beyond the anniversary date of its last successful calibration.

# Facilities and Equipment

## Diagram

- ☒ Air Supply
- ☒ Air Exhaust

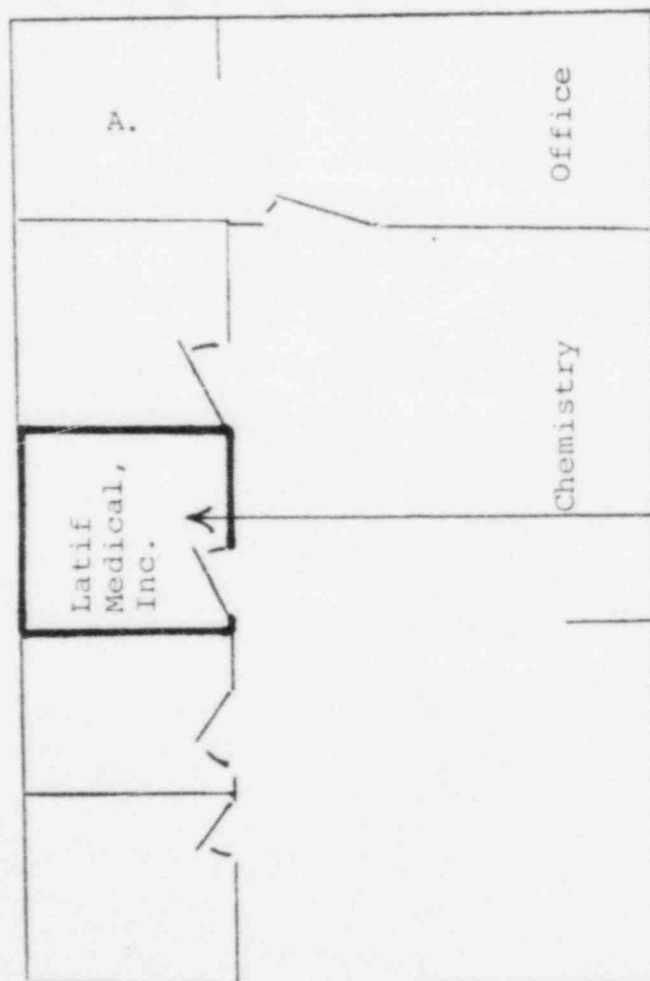
☐ Scanner  
☐ Uptake/Well  
☐ Camera  
☐ Lockable Door  
☐ Receipt Area  
☐ Generator  
☐ Kit Preparation  
☐ Isotope Storage  
☐ Dose Preparation  
☐ Waste Storage  
☐ Dose Calibrator  
☐ Refrigerator

## Adjacent Areas

\_\_\_\_\_  
 \_\_\_\_\_  
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- ☒ Sink
- ☐ Lead Castle
- Lead Shielding

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Basement of 4435 E. Davison

[ Latif Medical, Inc.  
 In-vitro kits stored in  
 refrigerator.

Storage Room

Item #9  
 2 of 2 pages  
 Prepared 8-12-85

A. This area is location of "Dynamic  
 Diagnostics" License #21-24407-01,  
 entirely separate from this application.

Item #10

Radiation Safety Program

Appropriate records will be maintained for receipt and disposition of the in-vitro kits.

Upon receipt of the packages they will be visually inspected for damage and/or leakage. Damaged and/or leaking packages will be stored for decay as indicated in Item #11 of this application.

Item #11

Waste Management

In the event a kit is found to be damaged and/or leaking, the kit will be stored for decay, monitored with a low level survey meter, and if found to be background will be disposed of to the normal trash.

Using the survey meter indicated in Item #9 (or equivalent) an area survey will be performed after indication of a damaged and/or leaking kit. Unnecessary personnel will be removed from the immediate area. The area involved will be decontaminated. If necessary for assistance, Nuclear Medicine Associates, Cleveland, Ohio, will be notified at (216) 641-5799.



## Addendum

### Security:

In-vitro kits for redistribution will be stored under lock and key.

### Verification:

Verification of customers to receive the in-vitro kits will be verified by obtaining a copy of the customers' license and maintained on file for review.

### Security During Transport:

The in-vitro kits will be placed under lock and key in a company owned or personal vehicle.  
There will be NO opening of packages or altering of labelling of the packages in any way.

There are no other personnel involved in inspection of received kits, maintenance during storage and transportation of in-vitro kits at the present time. If at a future date other personnel become involved, they will be instructed appropriately as to:

- a) Inspection of packages during receipt.
- b) Maintenance of packages during storage.
- c) Emergency procedures during transportation of packages.

Attached is a resume for Mr. Tariq Baig indicating previous experience.

## RESUME

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TARIQ L. BAIG  
8301 16 1/2 MILE RD. #49  
STERLING HEIGHTS, MI. 48077

Phone: (313) 977-0476

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PERSONAL DATA: Birth: January 25, 1954; U.S. Citizen;  
Single; 5'4"; 135 lbs.; Health: Excellent.

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AREAS OF SPECIALIZATION: Laboratory Management & Operations.  
Purchasing Medical Equipment & Supplies.  
Implementing New Tests.

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CAREER HIGHLIGHTS: Nine years of in depth experience in the Medical Laboratory Field. This has involved positions of progressively greater responsibility in the areas of laboratory operations, purchasing, training & development of medical lab interns, and laboratory management.

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CERTIFICATIONS: Medical Technologist (M.T.),  
Department of Health and Human Services (1983)  
Medical Technologist (M.T.),  
American Medical Technologists (1982)  
Medical Laboratory Technician (M.L.T),  
U.S. Air Force (1977)

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EXPERIENCE: MEDICAL TECHNOLOGY

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1977 to  
present

Chief Medical Technologist

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Davison Health Center, Detroit, MI.  
Chief Medical Technologist

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Conner Medical Clinic, Detroit, MI.  
Chemistry & RIA Technician

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National Health Laboratories, Oak Park, MI.  
Medical Laboratory Technician

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Southern Maryland Hospital Center, Clinton, MD.

## Medical Laboratory Technician

Malcolm Grow U.S.A.F. Medical Center  
Andrews Air Force Base, Washington, D.C.

### SUMMARY:

Since 1977, I have been pursuing a career in the Medical Technology field. This has involved obtaining H.H.S. and A.M.T. Certification & acquiring related experience in Laboratory Operations. Currently, I am employed as a Chief Medical Technologist and have responsibility for all operations including evaluating new instrumentation, RIA Safety, purchasing reagents & supplies, working directly with sales personnel, evaluating new tests, and supervising a staff of Medical Technicians.

My responsibilities and accomplishments have included:

- Training Medical Laboratory Technicians as part of an Internship Program.
- Developing requirements for purchasing medical equipment and supplies.
- Training employees in RIA & chemistry procedures.
- Performance of area survey radiation readings with G-M Survey Meter and taking appropriate decontamination procedures for abnormal readings.
- Maintaining log books for in-coming radioassay kits i.e., recording kit lot numbers, type of isotope, expiration date and method of disposal.
- Assuming progressively greater responsibility in the various positions of my career.
- Functioning as the sole Medical Technician for the late shift at an Air Force medical center.
- Working effectively with professionals in the areas of laboratory management, purchasing, and sales.

### EDUCATION:

Bachelor of Science Program

#### College:

Wayne State University, Detroit, MI.  
Science Program

Macomb County Community College, Warren, MI.  
University of Maryland, College Park, MD.

OTHER:

Medical Laboratory Technician Program

(53 week Certificate Training Program)

Honor Graduate

U.S. Air Force School of Health Care Sciences

MILITARY  
SERVICE:

U.S. Air Force (1976-1979). Honorable Discharge.

REFERENCES:

Furnished upon request.