



MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore Maryland 21230
(410) 537-3193 • 1-800-633-6101 • www.mde.maryland.gov

MDE RX3

Facility Registration Number [ ] [ ] - [ ] [ ] [ ] [ ] Date \_\_\_\_\_

APPLICATION FOR CERTIFIED REGISTRATION OF PARTICLE ACCELERATOR
PURSUANT TO REGULATIONS GOVERNING RADIATION PROTECTION 26.12.01

1.(a) Registrant Name, Address, Phone No., City, State, Zip Code
1.(b) Registrant is: An individual, A partnership, A corporation, An unincorporated association, Other, Federal Tax I.D. No.
2. This application is a. Initial, b. Renewal, c. Amendment. Give current registration number
3. Location of the unit (or where stored if a mobile unit): Address, City, State, Zip Code

Privacy Act Notice: This Notice is provided pursuant to the Federal Privacy Act of 1974, 5 U.S.C. § 552a. Disclosure of your Social Security or Federal Tax Identification on this form is mandatory pursuant to the provisions of § 1-203 (2003) of Environment Article, Annotated Code of Maryland, which requires MDE to verify that an applicant for a permit or license has paid all undisputed taxes and unemployment insurance. Social Security and Federal Tax Identification Nos. will not be used for any purposes other than those described in this Notice.

4. Particle Accelerator Information
A. Type of Accelerator and Manufacturer B. Peak kV or MeV C. Year and Model D. Type of Radiation E. Maximum Intensity F. Purpose or use

5. The following information is attached and is part of this application:
Attached Not Applicable\* Date Submitted
a. Overall description of radiation safety program
b. Description of facility: 1) Architectural plans 2) Circuit diagram of safety systems
c. Description of radiation detection instruments
d. Instrument calibration procedure and frequency
e. Personnel monitoring equipment and frequency
f. Operating and emergency procedures
g. Training program
h. Internal inspection system or other management control
i. Radiation safety committee and radiation safety officer
j. Training and experience of operators
k. For healing arts application, the training and experience of physician users
l. Shielding survey (plan review and area survey)

\*Document previously submitted is still correct. (continued on reverse)



**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

1800 Washington Boulevard • Baltimore Maryland 21230  
(410) 537-3193 • 1-800-633-6101 • www.mde.maryland.gov

**MDE RX 3**

6. Are radioactive materials produced incidentally by operation of the machine?                      yes                      no

7. Signatures

a. Chief Executive Officer (CEO) for registrant named in 1.(a)

Name	Title	Signature	Date

b. Radiation Safety Officer (RSO) responsible for implementation of the overall radiation safety program (item 5.a)

Name	Signature	Date

