

7. List all dosimeters by name and model number, for which accreditation is sought and place an 'X' under each dosimeter listed, opposite the appropriate category (see HPS N13.32 for a detailed explanation of each category):

Category	Dosimeter 1	Dosimeter 2	Dosimeter 3	Dosimeter 4
I. High Dose Category (select 1) ¹				
IA. Low-energy Photons				
IB. High-energy Photons				
IC. General				
II. Low-energy Photons (select 1)				
IIA General				
IIB. High-energy				
III. High-energy Photons				
IV. Beta Particles (select 1 from A, B and C)				
IVA. Low-energy Betas				
IVB. High-energy Betas				
IVC. General				
IVD. Slab Uranium				

8. For each dosimeter listed in the preceding table, submit a description of the design specifications including:

- Type of material
- Type of dosimeter holder (include drawing)
- Dosimeter placement in holder (include drawing)
- Type and arrangement of absorbers

¹ Automatically entered if testing in Category II or III, unless exemption from DOE field office has been granted in writing (see item 10 below.)

9. For each dosimetry system listed in the preceding table, submit performance results for the following studies:
 - Angular Dependence (see section 3.8 of HPS N13.32)
 - Lower Limit of Detectability (see section 3.9 of HPS N13.32)
10. For each dosimetry system listed in the preceding table, attach a short statement justifying why accreditation is **NOT** sought in any of the listed categories.
11. For each dosimeter, state whether it is processed in-house, in a commercial laboratory or in another government facility.
12. Briefly describe in-house dosimeter processing including (where descriptions of procedures are required, summarize the flow of the procedures and include a table of contents from the procedures manual, DO NOT provide individual procedures):
 - Readout apparatus
 - Procedures for acceptance testing, handling and distributing, storing, preparing and analyzing dosimeters
 - Procedures for interpreting dosimeter results including algorithms, use of specific calibration factors and indicators of anomalous readings or doses
 - Procedures for correcting anomalous doses
13. Briefly describe the system used to generate and archive dose records including:
 - Records maintenance system (computer hardware and software)
 - Hardware and Software Configuration Management Steward
 - Items included on the recorded dose report
 - Dose report authorizations

I hereby authorize this application and attest that all statements made are true, complete and correct to the best of my knowledge and belief and are made in good faith.

Authorized Management Representative

Printed Name _____

Signature _____

Title _____ Date: _____

By authorizing this application you affirm that you are aware that if accreditation is granted to your organization, the accreditation applies to dosimetry processing services using the specific dosimeter models/types in the categories requested and using the processing techniques that were used to demonstrate satisfactory performance in accordance with the testing standard. You will be expected to use the same dosimeter(s) and technique(s) in the normal processing activities you perform.

If any changes are made or deviations occur in these dosimeters or techniques, it will be the responsibility of your organization to provide evidence that such changes lead to results that are technically equivalent to the accredited processing activities. Determination of technical will be made by the DOELAP Performance Evaluation Program Administrator with assistance from the DOELAP Oversight Board.

If the changes or deviations to the dosimeters or processing techniques are not considered to provide results that are technically equivalent, the new dosimeters or techniques will not be covered by the accreditation until they have been fully evaluated and their performance demonstrated to be in accordance with the requirements of the DOE Laboratory Accreditation Program.

DOE Field Office Review

In authorizing this application you declare that you commit the applicant contractor to:

- Be examined and audited, initially and on a continuing basis during the accreditation period
- Permit the DOELAP site assessors to review and examine records or other documents required by the DOELAP Technical Guide
- Maintain compliance with applicable criteria in the DOELAP Technical Guide
- Participate in proficiency testing programs required for maintaining accreditation.

Printed Name _____

Signature _____

Title _____ Date: _____