Shielding Evaluations and Area Radiation Surveys are required to be conducted by qualified health physicists or qualified medical physicists operating under a Radiation Facility License or Radiation Services License issued by the Department pursuant to the Hawaii Administrative Rules, Chapter 11-45, Radiation Control. The facility is responsible to ensure compliance of all applicable rules in HAR, Chapter 11-45.

The Shielding Evaluation is conducted by a licensed, qualified health or medical physicist in the pre-construction phase. Construction plans of all new facilities or modifications of existing facilities utilizing sources of radiation shall be submitted to the Indoor and Radiological Health Branch for review and approval. The Shielding Evaluation is based on the architectural plans and the orientation of the radiation-emitting device or source. This evaluation is optional for dental, podiatric, bone densitometry and certain Department of Health (DOH)-designated facilities.

The Area Radiation Survey of a new facility or modifications to an existing facility is an actual post-construction survey conducted by, or under the direction of, a licensed, qualified health or medical physicist to determine the adequacy of the original shielding design. This shall be conducted within six months after the radiation facility becomes operational. A subsequent area radiation survey of a facility shall be conducted if the following occur: Changes in the number of sources of radiation; or changes in the spatial relationship of sources of radiation, relative to walls, partitions, doors, floors, ceilings; or changes in workload or utilization of the source of radiation; or conditions which may be contrary to subchapter 4.

Facilities limited to only a dental panoramic unit without cephalometric capability, or an x-ray source bone densitometer, or a mammography x-ray system, are not required to have a Shielding Evaluation or Area Radiation Survey.

For your convenience, locally available physicists under a DOH license are as follows:

<table>
<thead>
<tr>
<th>Name</th>
<th>Contact</th>
<th>Address</th>
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</thead>
<tbody>
<tr>
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If there are any questions, please contact our office at (808) 586-4700.

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