



Medical Physicists' Authorizations & Program Updates

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Radiologic Health Branch (RHB)

Radiation Machines

Medical Physicists
Authorizations
Mammography
Machine
Certification
Therapy Machine
Authorization
Radiation Machine
Registration

Field Inspections
Enforcement
Compliance

Radioactive Materials (RAM)

Authorized Medical
Physicist (RAM)
Industrial Licensing
Medical Licensing
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MEDICAL PHYSICISTS' AUTHORIZATIONS



**Mammography
Medical Physicists**



**Therapeutic
Medical Physicists**

MAMMOGRAPHY MEDICAL PHYSICISTS

Eligibility

1. Master's Degree – Physical Science
2. 20 hours of training – mammography surveys
3. Survey at least 1 facility & 10 systems
4. FDA or [Certifying Agency](#) Letter in lieu of 1 - 3
5. Copy of survey report – directly supervised under renewed MQA

Renew every 3 years

Submit via email to: RHBRMT@cdph.ca.gov

MAMMOGRAPHY MEDICAL PHYSICISTS


Variance: Exemption regarding Direct Supervision of Surveys

Eligibility

1. ~~Master's Degree—Physical Science~~
2. ~~20 hours of training—mammography surveys~~
3. ~~Survey at least 1 facility & 10 systems~~
- ➔ 4. FDA or Certifying Agency Letter in lieu of 1 – 3
- ➔ 5. Copy of survey report – ~~directly supervised under renewed MQA~~




Medical Physicists Webpage

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RHB Organization (PDF)


Medical Physicist Authorizations

The RHB reviews applications and issues authorizations for Mammography Medical Physicists, Therapeutic Calibration Physicists, and Therapeutic Survey Physicists.

To apply for an authorization, [please select a category below.](#)



Mammography Physicists



Therapeutic Physicists

Important Privacy Information Re: Addresses Provided on Applications:

The information you provide to the RHB may be disclosable under the California Public Records Act (PRA). In response to PRA requests, RHB may release the address of record for Medical Physicists. If you have already applied and wish to provide RHB with an alternate address that will be released to the public release upon request, please submit form CDPH 8391P (PDF).


Application Response Timeline:

In accordance with California regulation, the RHB is required to notify individuals of permit/certificate application receipt and next steps within 30 calendar days of receipt. If an application arrives and is error-free, next steps will be provided swiftly.

Deficient Applications:


Applications submitted with missing information and/or supporting documents will be deemed incomplete and will delay the certification process. The Department of Public Health will notify you of any deficiencies and steps to remedy. It is your responsibility to ensure that you meet application criteria prior to application submittal.

Mammography Physicists

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Mammography Medical Physicists

The Registration Unit of the RHB authorizes physicists that provide mammography physics services. Approved physicists are called Mammography Medical Physicists. A current list of these individuals is provided below.

Forms

- New Application
 - CDPH 4255 (PDF) - Application for Authorization to Conduct Mammography Surveys in California
 - Exemption regarding Direct Supervision of Surveys (PDF) (9-10-2024)
- Renewal Application
 - CDPH 4255 R (PDF) - Application for Renewal of Authorization to Conduct Mammography Surveys in California
- Name Address Change Form
 - CDPH 8391 P (PDF) - Authorized Physicist Report of Name or Address Change

CA Approved Mammography Medical Physicists

- Approved Mammography Medical Physicists (PDF)

Mammography Medical Physicist FAQs

Offsite Diagnostic Review Workstation Exemption (PDF)

Contact Information

- Submit applications and email questions/inquiries to: RHBRMT@cdph.ca.gov

THERAPEUTIC PHYSICISTS

TSP

Therapeutic
Survey Physicist

Protection Surveys
Only

TCP

Therapeutic
Calibration Physicist

Machine Calibrations
&
Protection Surveys



THERAPEUTIC SURVEY PHYSICISTS

Fees

New: \$312

Renewal: \$267

- Eligibility:
 - 5 pathways for New TSP:
 - 4 different board certifications
 - Education & Training
 - + 3 sample protection surveys (except for ABR)
- Renew every 3 years
 - Board Certification or
 - Continuing Education



THERAPEUTIC CALIBRATION PHYSICISTS


Fees

New: \$312

Renewal: \$267

- Eligibility:
 - 4 pathways for New TSP:
 - 3 different board certifications
 - Education & Training
 - + 3 sample protection surveys (except for ABR)
- Renew every 3 years
 - Board Certification or
 - Continuing Education

Therapeutic Physicists



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Therapeutic Physicists

The Registration Unit of the RHB authorizes physicists that provide therapeutic physics services. Approved physicists are called Therapeutic Calibration Physicists (TCP) and Therapeutic Survey Physicists (TSP). A current list of these physicists is provided below.

Forms

- New Application
 - CDPH 4256 (PDF) - Application for Authorization as Therapeutic Survey Physicist or Therapeutic Calibration Physicist
 - Guidance for completing form CDPH 4256 (PDF)
- Renewal Application
 - CDPH 4256 R (PDF) - Application for Renewal of Authorization as Therapeutic Survey Physicist or Therapeutic Calibration Physicist
 - Guidance for completing form CDPH 4256R (PDF).
 - NOTE: Pursuant to Title 17, California Code of Regulations section 30313.40, individuals authorized or approved to conduct therapeutic X-ray systems calibrations or radiation protection surveys prior to October 1, 2020 shall remain authorized or approved only if the individual submits to the Department:
 - An acceptable application pursuant to sections 30313.09 or 30313.20, as applicable, on or before October 1, 2023. If the application is not received by that date, authorization is canceled. To re-establish a canceled authorization, an individual shall comply with sections 30313.07 or 30313.15 and shall be considered a new applicant.
 - See information notice (PDF) for more information.
- Name Address Change Form
 - CDPH 8391 P (PDF) - Authorized Physicist Report of Name or Address Change

CA Approved Therapeutic Physicists


- Approved Therapeutic Calibration Physicists (PDF)
- Approved Therapeutic Survey Physicists (PDF)

Therapeutic Physicist FAQs

Contact Information

- Email questions/inquiries to: RHBRMT@cdph.ca.gov

Therapeutic Machine Authorizations



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Therapeutic X-ray Facilities

The Registration Unit of the Radiologic Health Branch reviews shielding plans for therapeutic X-ray equipment operating above 500 kVp for issuance of authorizations to make physical measurements and to treat patients.

Medical Therapy Facilities

Therapeutic X-ray Equipment (above 500 kVp) – Application for Authorizations

- Stage 1 – Authorization for Physical Measurements – Checklist (PDF)
- Stage 2 – Authorization to Treat – Checklist (PDF)
- Stage 3 – Final IMRT Authorization – Checklist (PDF)

Guidance for Therapeutic X-Ray Equipment above 500 kVp (PDF)

Radiation Protection Program Guidance (PDF)

Therapeutic Medical Physicist Home Page

Contact Information

Email questions and inquiries to RHBRMT@cdph.ca.gov

[How Do I apply as a Therapeutic Physicist?](#)

Other Helpful Resources:

- X-ray Machine Registration Renewal - Contact Information
- Therapeutic X-ray Facility inspections
- Physicians (MD/DO/DPM), Physician Assistants, Chiropractors & Technologists

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CHECKLISTS

Stage 1

CHECKLIST – AUTHORIZATION FOR PHYSICAL MEASUREMENTS

We request you to submit this optional checklist along with supporting documents to:

RHBRMT@cdph.ca.gov

Date: _____ State Facility Registration Number (if already registered): FAC _____

Facility Name: _____

Physical Address: _____

Mailing Address: _____

Individual Responsible for the Facility (ex: Medical Director):

Name: _____ Title: _____

Therapeutic Medical Physicist Name: _____

Facility Contact:

Name: _____ Title: _____

Phone: _____ Email: _____

Machine Make and Model: _____

Room (Vault) Name/Number: _____

All Photon Energies (MV): _____ All Electron Energies (MeV): _____

Machine Output Rates (cagy/min at isocenter): _____ MU/min max

Max Field Size: _____ cm²

SHIELDING EVALUATION REPORT

☐ Notify RHB at least 60 days prior to possession of radiation machine or at least 60 days prior to commencement of construction or reconstruction of vault.

☐ All wall, floor, and ceiling areas that can be struck by the useful beam shall be provided with primary protective barriers, plus a border of one foot.

Stage 2

CHECKLIST – AUTHORIZATION TO TREAT

We request you to submit this checklist along with supporting documents to:

RHBRMT@cdph.ca.gov

Date: _____ State Facility Registration Number: FAC _____

Facility Name: _____

Physical Address: _____

Mailing Address: _____

Individual Responsible for the Facility (ex: Medical Director):

Name: _____ Title: _____

Facility Contact:

Name: _____ Title: _____

Phone: _____ Email: _____

Machine Make and Model: _____ Serial Number: _____

Room (Vault) Name/Number: _____

All Photon Energies (MV): _____ All Electron Energies (MeV): _____

Radiation Machine Registration Form Tracking Number: _____

RADIATION PROTECTION AND SAFETY PROGRAM

☐ **Organization and Administration** – identifies key personnel and provides an overview of their functions.

☐ **ALARA** – acknowledges ALARA and will apply if necessary.

☐ **Dosimetry** – implements personnel monitoring if required, familiarity with dose limits for workers and the public.

☐ **Area Monitoring and Control** – overview of areas that need to be monitored; identifies

Stage 3

CHECKLIST – FINAL IMRT AUTHORIZATION

We request you to submit this checklist along with supporting documents to:

RHBRMT@cdph.ca.gov

Date: _____ State Facility Registration Number: FAC _____

Facility Name: _____

Physical Address: _____

Mailing Address: _____

Individual Responsible for the Facility (ex: Medical Director):

Name: _____ Title: _____

Facility Contact:

Name: _____ Title: _____

Phone: _____ Email: _____

Machine Make and Model: _____ Serial Number: _____

Room (Vault) Name/Number: _____

FINAL IMRT AUTHORIZATION REPORT

☐ Copy of your RHB approved Authorization to Treat.


☐ Physical address and room number where the equipment is installed match the most recently RHB approved Authorization to Treat.

☐ Unit make, model, and serial number on all documents match the most recently RHB approved Authorization to Treat.


☐ 12-month area monitoring reports prepared by an independent company.

☐ Facility drawings identify location of area monitors and match the most recently RHB approved shielding design.

Therapeutic Machine Authorizations



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Contact Info

RHBRMT@cdph.ca.gov



THERAPEUTIC MEDICAL PHYSICISTS (approved prior to Oct. 1 2020)

- New Regulations – Effective from Oct. 1, 2020.
- Information Notice:
 - Mailed out to all Department-approved Therapy Physicists
 - Note posted on the RHB webpage
- All Authorizations issued prior to Oct. 1, 2020
expired on Oct. 1, 2023