

PROSTHODONTIC TECHNICIAN SERIES

<u>Code No.</u>	<u>Class Title</u>	<u>Occ. Area</u>	<u>Work Area</u>	<u>Prob. Period</u>	<u>Effective Date</u>	<u>Last Action</u>
4609	Prosthodontic Technician	02	446	6 mo.	00/00/00	Rev.
4610	Prosthodontic Technician Supervisor	02	446	6 mo.	00/00/00	Rev.

Promotional Line: 280

Series Narrative

Employees in positions allocated to this series perform dental laboratory work involved in the fabrication and repair of fixed partial/removable prosthodontic appliances. They fabricate complete and/or partial dentures, fixed bridges, crowns and splints. Their work is performed in accordance with dentists' prescriptions and under the supervision of higher level technicians or department heads. They assist in demonstrating dental laboratory techniques to dental and parodontal students. They also maintain equipment, order supplies, and supervise the functioning of the dental laboratory.

Prosthodontic Technicians typically -

A. Fabricate new prostheses/appliances after impression taken by dentist/prosthodontist:

- interpret dentist's work orders
- prepare wax models
- fabricate appliances
- finish and polish casts
- evaluate quality of prosthetic appliance
- cast molds
- bake ceramic restoration
- construct crowns, bridges, etc.

B. Repair appliances already made and/or fixed prostheses:

- interpret dentist's work orders to restore or repair dentures and/or to repair fixed prostheses
- repair dental prostheses, fixed prosthetic appliances and

C. Perform auxiliary duties:

- maintain records
- order supplies
- maintain equipment

Level I: Prosthodontic Technician

4609

Employees in positions allocated to this level perform standard to advanced dental laboratory work involved in the fabrication and repair of fixed/removable dental prosthetic appliances. They receive general supervision from higher level technicians or department heads. Their work products are made in accordance with dentists' prescriptions. They follow both written and oral instructions and adhere to established procedures.

A Prosthodontic Technician typically –

1. fabricates complete or partial dentures
2. assists with fabrication of models and dies, trial denture bases and occlusion rims and simple repairs of removable dental prostheses; assists with fabrication of complete and partial wax trial dentures, using a wide variety of artificial teeth
3. fabricates metal work of crowns, fixed bridges, and splints
4. assists with completing the model to the cast, covering anatomical features, assuring the denture will have the proper thickness when completed
5. assists in the construction of temporary crowns, bridges, and splints; assists with the wax model of crowns and bridges
6. assists with investing, casting, and finishing the metal portion of crowns and bridges
7. fabricates ceramic restoration jacket crowns; fabricates ceramic restoration fused to metal crowns and fixed bridges
8. processes complex removable prosthodontic cases (such as obturators, over-dentures, and immediate dentures)
9. maintains records of dental work performed (such as patient's name, dental prescription, student's name, and instructor)
10. monitors access to dental laboratories; organizes the general work areas; maintains supplies and stock
11. interprets dentist's work order which determines types of patterns of clasps, connectors, and retainers to ensure adequate retention and proper fit, and, using prescribed techniques, applies designs for removable partial denture restoration
12. casts chrome-cobalt and gold alloys into partial denture models
13. maintains the laboratory equipment in a clean working condition; reports any necessary maintenance of complex machinery to supervisor
14. finishes and polishes cast metal partial dentures, fitting facings, and backings, and clasp parts on teeth
15. assists in demonstrating dental laboratory techniques to dental and parodontal students
16. repairs a wide range of fixed/removable dental prostheses; works with fixed and/or removable implant prostheses
17. supervises other personnel as assigned
18. performs related duties as assigned

Level II: Prosthodontic Technician Supervisor **4610**

Employees in positions allocated to this level are responsible for the fabrication and repair of fixed/removable prosthetic appliances in a dental laboratory. They coordinate and supervise work performed in the laboratory. Technicians work under administrative direction of the department head and in accordance with dentists' prescriptions.

A Prosthodontic Technician Supervisor typically –

1. coordinates, supervises, and reviews the technical work of dental students and/or staff involved in the fabrication and repair of removable dental prosthetic appliances, repair of crowns, fixed bridges, and splints
2. evaluates the quality of prosthetic appliances produced and methods used in their fabrication
3. assists and/or tests new or modified dental laboratory materials and/or equipment, evaluating their efficiency and usefulness
4. fabricates and repairs the full range of fixed/removable dental prosthetic appliances
5. assists in planning and conducting laboratory and/or classroom instruction in underlying principles and theories of dental laboratory techniques and procedures for dental and parodontal students
6. is responsible for the functioning of the dental laboratory, including the purchase and maintenance of supplies and equipment; maintenance of case records; and the interviewing, hiring, and evaluation of assigned staff
7. maintains supplies and stock
8. works with fixed and/or removable implant prostheses
9. performs related duties as assigned

MINIMUM ACCEPTABLE QUALIFICATIONS FOR ENTRY INTO**Level I: Prosthodontic Technician****4609****CREDENTIALS TO BE VERIFIED BY PLACEMENT OFFICER**

1. **Two years (24 months)** of experience and/or training:
 - a. work experience in the fabrication and repair of dental prostheses
 - b. completed training in a dental technician program accredited by the Commission on Dental Accreditation (CODA)

PERSONAL ATTRIBUTES NEEDED TO UNDERTAKE JOB

1. knowledge of advanced procedures used in the fabrication of prosthesis and/or implants and repair of fixed/removable dental prostheses
2. ability to cast chrome-cobalt and gold alloys

3. ability to fabricate and repair a wide variety of fixed/removable dental prostheses
4. ability to finish and polish cast metal partial dentures, fittings, facings, backings, and clasp part of teeth
5. ability to perform advanced fabrication and repair of fixed/removable dental prostheses
6. supervisory ability
7. ability to demonstrate dental laboratory techniques to dental and paradental students
8. ability to clearly relay information in writing, through speech and to understand what others say

Level II: Prosthodontic Technician Supervisor**4610****CREDENTIALS TO BE VERIFIED BY PLACEMENT OFFICER**

1. **Two years (24 months)** of work experience comparable to the Prosthodontic Technician level of this series

PERSONAL ATTRIBUTES NEEDED TO UNDERTAKE JOB

1. thorough knowledge of advanced procedures used in the fabrication and repair of fixed/removable dental prostheses, including metal work or crowns, fixed bridges, and splints, ceramic restoration jacket crowns, ceramic restoration fused to metal crowns, and fixed bridges
2. thorough knowledge of the full range of dental prosthetic appliances on teeth or implants
3. thorough knowledge of supplies and equipment used in the fabrication and repair of fixed/removable dental prostheses
4. skill in performing advanced fabrication and repair of fixed/removable dental prostheses
5. ability to evaluate the quality of prosthodontic/prosthetic appliance produced and the methods used in their fabrication
6. supervisory ability
7. ability to conduct laboratory and/or classroom instruction in the underlying principles and theories of dental laboratory techniques and procedures for dental and paradental students
8. ability to clearly relay information through speech and to understand what others say