

Specification for Class of

ORTHOTICS/ADAPTIVE EQUIPMENT TECHNICIAN

**Abolished Effective July 1, 2007**

Definition: Designs, fabricates and modifies orthotic devices and/or adaptive equipment according to individual resident needs as determined by an Occupational Therapist, Physical Therapist, or Physician.

Typical Work

Consults with Occupational Therapist, Physical Therapist and/or Physician to determine appropriate orthoses and/or adaptive equipment to minimize further physical deformity or facilitate motor skills;

Fabricates orthoses and/or adaptive equipment from metal, wood, leather, cloth or plastic; uses band saws, electric knives, hand tools, arc welders, sewing machines, drill presses, files, and other tools in the production of orthoses and adaptive equipment;

Modifies helmets; measures, drills, cuts and modifies, attaches straps, buckles and face masks, removes and replaces foam liners;

Cuts large foam positioning blocks including side blocks, leg blocks, prone wedges, postural drainage blocks, side tubes and special foam floor chairs;

Designs and fabricates straps and other devices needed for behavior programs and medical restraints;

Determines or assists in determining if wheelchair seating systems should be purchased through a distributor or designed and fabricated in house;

Fits and adjusts Mulholland Growth Guidance seating systems;

Constructs and modifies custom parts for wheelchairs; upholsters wheelchair seats, backs and headrests; adjusts positioning devices; replaces electric motors and repairs minor electrical problems in control switches and power drive wheelchairs; cuts and custom fits lap trays to wheelchairs;

Assists or provides training in use of positioning equipment and wheelchair maintenance;

Records and maintains records;

Performs other work as required.

Knowledge and Abilities

Knowledge of: common methods, practices and materials used in fabrication of orthoses and adaptive equipment; use and care of hand and power tools.

Ability to: interpret drawings and specifications; perform ordinary arithmetic; comprehend forms in space and understand relationships of plane and solid objects; work within precise tolerances; use hand and power tools with skill; work safely.

Minimum Qualifications

High school graduation or GED.

AND

One year of experience in the fabrication of orthoses and/or adaptive equipment under the direction of an orthotist, occupational therapist, physical therapist, or physician.

Completion of a formal Orthotics Technician educational program or its equivalent will substitute for the one year of experience.

New class

Effective November 15, 1985

Revised September 1, 1989

Revises definition, minimum qualifications and title change (formerly Orthotist/Prothetist Technician)