

WAC 296-127-01324 Electrician-motor shop. For the purpose of the Washington state public works law, chapter 39.12 RCW, electrician-motor shop performs in-shop repair and maintenance on A.C. and D.C. electric motors and controllers. This work includes, but is not limited to:

Assembles and tests electric motor and generator stators, armatures, or rotors. Inspects cores for defects and aligns laminations, using hammer and drift. Files burrs from core slots, using hand file, portable power file, and scraper. Lines slots with sheet insulation and inserts coils into slots. Cuts, strips, and bends wire leads at ends of coils, using pliers and wire scrapers. Twists leads together to connect coils. Taps coil and end windings to shape, using hammer and fiber block. Tests windings for motor-housing clearance, grounds, and short circuits, using clearance gauge, growler, spring-steel blade, telephone receiver, insulation tester, and resistance bridge. Winds new coils on armatures, stators, or rotors of used motors and generators. May rewind defective coils. Turns armatures. Tests circuits, connections, controllers, and transformers. May be designated according to motor part wound as armature winder (electrical equipment); rotor winder (electrical equipment); stator winder (electrical equipment).

The work of the motor shop electrician is limited to in-shop work.

[Statutory Authority: Chapter 39.12 RCW. WSR 16-19-072, § 296-127-01324, filed 9/20/16, effective 11/1/16.]