

# WAGE GRADE CAREER PATH

**WG 3711**

## ELECTROPLATING WORKER/ELECTROPLATER

This occupation covers nonsupervisory work involving the use of electrolytic and chemical processes to plate, coat, and treat surfaces of metals and metal alloys for purposes of protection, repair, maintenance, and fabrication of parts and equipment. The work requires a knowledge of the preparation, testing, and maintenance of various electrolytic and chemical solutions; and skill in controlling and using them in performing the processes required to prepare, plate, coat, or otherwise treat various types of surfaces.

WG02 - **Step**  
WG05

### Part 1 Apprentice/Helper/Trainee; Trade/Less than Journeyman


- 1 Complete New Hire Orientation
- 2 Complete Civilian Training Plan requirements for current position
- 3 Complete task qualifications for current position
- 4 Complete task certifications for current position
- 5 Master simple to common work tasks under supervision
- 6 Maintain successful to above average performance ratings

WG05 -  
WG08

### Part 2 Trade/Less than Journeyman


- 1 Continue required on-the-job and formal classroom training required in Civilian Training Plan
- 2 Complete task qualifications for current position
- 3 Complete task certifications for current position
- 4 Master common to complex work tasks. Grade 7 electroplating workers use established processes to plate, coat, and treat metal items by immersion in a series of chemical or electrolytic solutions. These processes include protective and decorative plating of metal surfaces with metallic finishes such as cadmium, tin, copper, nickel, or silver. Other processes used include cleaning, decreasing, acid pickling, phosphating, oxide coating, black oxide coating, and anodizing. Work at this level includes adjusting solution levels, checking solution temperatures, and making routine settings and adjustments to electrolytic and chemical equipment to insure a satisfactory deposit or finish on metal surfaces. The supervisor assigns work and checks it during progress and upon completion for quality and workmanship
- 5 Maintain successful to above average performance ratings

### Part 3 Journeyman


- 1 Continue required on-the-job and formal classroom training required in Civilian Training Plan
- 2 Complete task qualifications for current position
- 3 Complete task certifications for current position
- 4 Master common to complex work tasks. At Grade 9, electroplaters are more diverse and include depositions, coatings, and treatments that are not covered by established processes or involve the use of rare or precious metals. These operations are more exacting in that they require plating or treatment of limited or precisely defined areas on a part; require special treatment and processing in order to insure adherence of the metallic deposit or coating; or require extensive or precise controls of the electrolytic or chemical process
- 7 Provide production support services
- 8 Maintain successful to above average performance ratings

*This list is not all inclusive. For more information on your series, visit the OPM site below. Copy and paste the link in your browser.*

[OPM Classification Standards](#)