

**BOARD OF REGENTS  
STATE OF IOWA  
REGENT MERIT SYSTEM**

**Class Title: Assembly Technician I**

**Class Code: 3901**

**Pay Grade: 404**

**GENERAL CLASS DESCRIPTION:**

Under direct supervision, assists Assembly Technician II and Assembly Technician III personnel in hand soldering.

**CHARACTERISTIC DUTIES AND RESPONSIBILITIES:**

1. Prepares terminals (custom-built electrical units) for soldering.
2. Fabricates all types of required solder connections.
3. Performs parts mounting (attachment of conductors to terminals).
4. Successful progression in training course to qualify for NASA certified Class III solderer.
5. Assists other staff as directed.

**KNOWLEDGE, SKILLS AND ABILITIES:**

1. Knowledge of proper lifting and bending techniques.
2. Ability to communicate orally and in writing.
3. Ability to understand and follow verbal and written instructions.
4. Ability to maintain effective working relationships with others.
5. Ability to safely operate various types of soldering equipment.
6. Ability to maintain a clean and safe work environment.

The tasks listed under the heading of Characteristic Duties and Responsibilities are examples of the variety and general nature of duties performed by employees in positions allocated in the class. The list is descriptive only and should be used for no other purpose. It is not intended that any position include every duty listed, nor is it intended that related duties cannot be required.

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**MINIMUM ELIGIBILITY REQUIREMENTS:**

1. Meets the following minimum visual test requirements with corrected vision (use of eyeglasses):
  - a. Far vision: Snellen Chart 20/50
  - b. Near vision: Jaeger 1 at 14 inches; or reduced Snellen 20/20 or equivalent.
  - c. Color vision: Ability to distinguish red, green, blue, and yellow colors as prescribed in Dvorine Charts, Ishihara Plates, or AOD-HRR tests.

**REVISION EFFECTIVE: July 1, 2003**

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