

## Electrical Assembler I

Mark Andy Inc. is the Total Solutions Partner to the printing industry with a mission to be 'the supplier of choice with high quality innovative solutions that drive customer profitability.' The company responds to business needs by offering the broadest portfolio of equipment, the largest consumables distribution and now the most robust service infrastructure to better support printers and converters around the world. For more information, visit [www.markandy.com](http://www.markandy.com).

Mark Andy is headquartered in St. Louis, Missouri, USA, with sales and distribution offices worldwide.

## Position Summary

- Prepares machines for final testing before shipment including testing, calibration, and troubleshooting. Can perform duties below:
- Assembles electrical and pneumatic components and sub-assemblies into the machines final configuration per the customer sales order for all models in their respective product lines, using bills of material, blueprints, power and hand tools.
- Verifies that all options per the sales order are installed on the machine prior to release to inspection
- Assembles final wiring on all machines including power packs, motors and all control panels, using wiring schematics, diagrams, and relevant documentation.
- Inspects components prior to assembly, for visual defects and damage.
- Powers up machines for the first time during the build cycle and performs all I/O, basic function and safety circuit testing.
- Loads all basic HMI software and does performs drive tuning per work instructions
- Tests machines operationally, checking for specific functions, such as counter function, web tension, web guide operation, pneumatic controls, etc.
- Works closely with final mechanical assembler to ensure proper electrical/pneumatic and mechanical operation.
- Perform all electrical work related to breaking and preparing the machines for crating
- Assists the crating department as needed to prepare the equipment for shipment
- Identifies and corrects component failures and wiring errors using multi-meter, oscilloscope, function generator, schematics, etc.
- Calibrates key components, such as, motor controllers, tension systems, web guides, etc., on all machines using multi-meter, engineering specifications, etc.
- Trains new personnel in understanding the various systems, assembly procedures, and troubleshooting.
- Supports the engineering department in redesigning and building prototype presses.
- May prepare the following forms: Material Request, Material Return to Stock, IRAD, Discrepancy Report, etc.

## Qualifications/Skills Required

- Advance knowledge of circuit components and operation
- Ability to read & troubleshoot electrical schematics
- General knowledge of basic electricity
- Work with little or no supervision
- High attention to detail
- Team-oriented
- Problem solving skills
- Personal computer skills
- Any person or persons capable of performing all assembly work in their respective area without assistance.
- Has the ability to improve and implement changes through the EWR process on existing parts and assemblies.
- Demonstrates these key behaviors with little or no coaching or supervision.
- Maintains a safe and organized work environment. Fulfill daily 5 S and required PM duties. Complete these duties on a consistent basis at his/her primary work center, as well as, all duties listed as an "Intermediate" in any other assembly area to which they are qualified.
- Capable of training other operators at his/her primary assembly cell(s).
- Reports to and works under directions of his/her assigned team leader. Understands team objectives and strives to do his/her fair share of the work. Cooperates with fellow team members and shares helpful information with others.
- Constantly meets quality expectations and a rework rate, which would be subject to review by team leaders based on quality issues within the cell and/or per IRAD reports.

## Education/Experience Required

- High school degree or equivalent trade school
- Minimum of 3 years electrical assembly

## Personal Skills Required

- Interact with others.
- Work in high stress environment.
- Deal with interpersonal conflicts.
- Work with difficult customers.
- Work in an office/manufacturing environment.
- Coverage during certain periods.



#### **Work Environment**

- Moderate to frequent exposure to shop environment; may be exposed to dust, odors, oils, fumes, chemicals, noise and moving parts. Work typically requires the usage of PPE and can require work on the facility's production floor or on the production floor in a customer's facility.

#### **Physical Demands**

- Regularly required to sit, stand, bend, reach, climb, stoop, kneel, crouch and crawl and move about facility and/or customer's facilities. Frequent lifting up to 50 pounds.

Mark Andy Inc. is an equal employment employer and considers all qualified applicants without regard to race, color, religion, national origin, sex, age, disability, veteran status, or any other factor, which is prohibited by applicable law.