



1590 Reed Road
Pennington, NJ 08534 USA
Tel: 609-730-0400 - Fax: 609-730-0404

POSITION DESCRIPTION

Job Title: Manufacturing and test Technician

Responsibilities:

- a. General mechanical and electrical assembly- alignment, tolerancing, leveling, bolting, wiring
- b. Assembly area, material, equipment and facilities set up and oversight
- c. Assembly of power conversion equipment according to design prints, specifications, industry practice workmanship standards, procedures, instructions from project personnel
- d. Electro-mechanical testing of components and assemblies
- e. Hydraulics system assembly and operation
- f. Electrical assembly and wiring based on electrical drawings and schematics
- g. Handling of equipment, tools, facilities and material in an appropriate manner, with necessary maintenance and care.
- h. Carpentry for crating
- i. Material handling/rigging of assemblies up to 5000 lbs
- j. Machine shop tasks- lathe, mill, drill press, brake
- k. Hand tools- drills, taps, punches, automatic screw drivers, wrenches, micrometers, calipers, wire strippers, wire cutters, crimping tools, hoists, torque wrenches and lifting apparatus use per job needs.
- l. Subassembly and drill pattern layout according to prints
- m. Experience in inspecting incoming hardware and parts to prints (QC function)
- n. Carry out duties as member of a project team to meet the overall team goals (Quality, Cost, and schedule).
- o. Support the planning of all assembly, integration, testing and deployment of OPT systems
- p. Effectively promote a safe working environment as well as a apply a stringent focus on quality, shop floor organization and overall management

Qualifications and Experience:

Experience: Machine Building and Electrical Assembly skills including:

- Excellent workmanship practices
- Can read assembly prints, and can project assembly order
- Understanding of geometric tolerancing
- Experience with manual machining (not CNC)
- Understanding of wiring diagrams
- Working knowledge of tools, fasteners
- Welding certification a plus, but not required
- Knowledge of OSHA compliance requirements
- Familiarity with national and international standards (UL, IEEE, EC...) a plus
- Forklift certification a plus, but not required.
- Familiarity with industrial structure building a plus
- Familiarity with marine environment a plus

Education: Minimum Associates or Technical Degree, or 8+ years of experience