



**CUSTOM MANUFACTURING  
& ENGINEERING™**

3845 Gateway Centre Blvd.  
Suite 360  
Pinellas Park, FL 33782  
[www.custom-mfg-eng.com](http://www.custom-mfg-eng.com)

## Production Associate

**Job ID#:** 2022-20B  
**Regular/Temp:** Regular  
**Full-Time/Part-Time:** Full-Time

### 3 Steps to CME Hiring:

1. Complete Application at [ApplicantPro](#)
2. Take Both Predictive Index Assessments
3. Gather Info for Interview: Last 2 W2's, Complete Background Check Form, COVID-19 Vaccination Card

**Job Summary:** Are you someone who has a passion for working with your hands to enhance the user experience and build mission critical assemblies, cables, components, and circuit cards in support of the aerospace/defense, automotive, commercial & industrial industries? We have an exciting opportunity for the right person to become one of our Production Associates gaining valuable experience building critical detailed electrical/electronic products supporting the U.S. military and commercial customers!

### **Duties and Responsibilities:**

- Assemble electrical or electronic systems and assembly casings, using rivets, bolts, soldering and micro-welding equipment by routes and ties wires to form wire harness: Reads instructions, such as work orders, diagrams, and wire lists to determine materials needed and sequence of assembly
  - Apply crimping, sealing liquid, or soldering to secure components
  - Insert cable in plastic tubing or inject plastic sealant around terminals to protect cable from dust and moisture
  - Test wiring continuity, using continuity tester
  - Mark identifying data on completed product for stock inventory or delivery to customers
- Read and interpret schematic drawings, diagrams, blueprints, specifications, work orders, and reports in order to determine materials requirements and assembly instructions
- Selects components/wires of specified color, marking, or length, and loops wires between guide pegs on harness board, following color-coded lines or sequential numbers on board or diagrams for assembly
- Clean parts, using cleaning solutions, air hoses, and cloths
- Inspect and test wiring installations, assemblies, and circuits for resistance factors and for operation; and record results
- Pack finished assemblies for shipment and transport them to storage areas
- Identify, adjust, and repair/replace electrical or electronic component parts to correct defects and to ensure conformance to specifications
- Assists with assembly procedures or techniques to explain to and/or train other workers
- Other duties assigned



*We Love to Design and Build!*



ISO9001:2008 Registered  
AS9100:2009 Registered

## Job Qualifications:

- Work experience in production and processing, with knowledge of raw materials, production processes, quality control, costs, and other techniques in manufacture and distribution of goods
- AS9100, CMMI and J-STD-001C Class 3 standards
- Strong oral and written communication skills
- Ability to read blueprints and/or technical instructions
- Ability to conduct quality control tests and inspections of products to evaluate quality
- Ability to troubleshoot to determine causes of operating errors and to decide on solution
- Selecting and using training/instructional methods and appropriate procedures
- Understand and follow chemical safety requirements, and safety rules and regulations
- Understanding of ERP systems such as Deltek Costpoint or similar
- Ability to conform to shifting priorities, demands and schedules
- Overtime may be required in meet schedule

## Minimum Requirements Needed:

- High School, technical/administrative trade school
- At least 1 year of related assembly experience (Preferred)
- Positions with CME require access to controlled goods and technologies subject to the International Traffic in Arms Regulations or the Export Administration Regulations. Applicants for these positions need to be "U.S. Persons," as defined in these regulations. Generally, a "U.S. Person" is a U.S. citizen, lawful permanent resident, or an individual who has been admitted as a refugee or granted asylum.
- Predictive Index Assessment, Background Check, Reference, Credit, and Drug Testing
- COVID-19 Vaccination

## Travel Percentage Required: Travel to Customers. 0-5%

Custom Manufacturing & Engineering, Inc. (CME®) is a 25 year old award-winning Tampa Bay small business which designs and manufactures custom-engineered and build-to-print/spec products/systems. Our team works with aerospace/defense and industrial customers to produce cables & wire harnesses, power supplies & distribution equipment, special test equipment; CME's products are used by the US military and other industries around the world. CME is also a big supporter of STEM as well as sustainable efforts & education including: [www.solar4STEM.com](http://www.solar4STEM.com)

CME operates on the EOS System and company focused on a Culture of Accountability. Our 5 Core Values drives everything we do as employees and the results for our customers. CME's 5 Core Values are: Resolves Problems, Works with Energy & Passion, Challenges Themselves, Serves the Customer-Protects CME, and Delivers! To read more about our company culture and values, please go to: <https://www.custom-mfg-eng.com/careers.html> and click on the tab "Culture of Accountability."

*CME is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status, or disability status.*

*In compliance with U.S. federal law, all persons hired will be required to verify identity and eligibility to work in the United States; CME cannot accept any person who does not meet employment eligibility requirements, E-Verify verification, and/or is in the U.S. under a student (F1 and/or OPT, J1, or M1) or temporary work visa.*

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**Removal Date:** 01-June 2022