



POSITION OVERVIEW – Manufacturing Operator (Etch)

The **1st shift Manufacturing Operator (Etch department)** will be responsible for the day-to-day etching of custom thin film circuits. This includes equipment set-up, completing the touch-up and etching process, measuring critical dimensions, and visual inspection of all products. The Manufacturing Operator will help the cell meet its daily production obligations by adhering to quality and workmanship standards and producing work on-time and at the expected production rate.

PRIMARY ROLES AND RESPONSIBILITIES

- Verify etching equipment is in proper working condition before using.
- Make-up all etching chemicals per routings and manufacturing procedures.
- Inspect substrates for proper photoresist quality prior to etching.
- Touch up intricate images, holes, slots using a hand/foot dispenser and microscope.
- Wet etch substrates using manual and automated methods.
- Verify critical dimensions (CD's) on substrates as required using Nikon microscope system.
- Tape test or otherwise inspect etched substrates to ensure quality etching.
- Strip photoresist from substrates and inspect 100% for complete cleanliness.

KEY INTERFACES

- Reports to the Production Team Leader.
- Works closely with the team members in the cell including the Assistant Team Leader and Team Leader and Processing Engineering.

QUALIFICATIONS

- Exemplify the Core USI values: Positive Outlook, Honesty, Determination, Responsibility, and Commitment to Excellence.
- Familiarity with AS9100/ISO9001.
- High School diploma or equivalent required. Some college coursework preferred.
- Previous experience working in a cleanroom manufacturing environment preferred.
- Must be able to read, comprehend, and interpret dimensional drawings.
- Computer proficiency including Word, Excel and Outlook.
- Detail oriented, self-motivated with a strong sense of personal ownership and a team attitude.
- Good visual acuity (lens correction as required).
- Able to perform inspections under microscope.
- Must be a US Citizen or permanent resident in accordance with ITAR Policy.