

PV Ink Development Group: Ink Printing Engineer (IE_E10)

- PURPOSE:** Responsible for the printing evaluation of experimental inks, and day to day to day operation of industrial inkjet printing equipment for printing of electronic inks.
- The printing engineer will use experience with thin film deposition and printing technology to manufacture state-of-the-art printed silicon films.
- Responsibilities include set-up, operation, trouble shooting, re-engineering, and maintenance of the inkjet printing equipment.
- A good basic understanding of ink formulation chemistry, ink substrate interactions, and thin film materials science.
- Expected to work closely with the device team to develop manufacturing processes, and with the ink team to provide printing performance feedback.
- LEVEL:** Engineer
- REQUIREMENTS:**
- Bachelor or higher degree in a technical discipline (e.g. engineering)
 - Formal training in printing discipline such as inkjet printing is preferred
 - Familiarity with handling, printing and processing of electronic materials such as inks or pastes is a definite plus.
 - Strong mechanical aptitude and ability to operate, maintain, and trouble shoot sophisticated equipment
 - Experienced with production equipment and applied process technology
 - Knowledge of test and measuring equipment and methods, including interpretation and error analysis
 - Must have a basic understanding of conduction mechanisms and charge transport
 - Ability to work with a diverse group of people
 - Some travel may be required.
 - Must have very good teamwork/interpersonal skills, excellent communication skills, written and verbal.
 - Must demonstrate initiative, be detail-oriented and have strong follow-up skills.
 - Must display positive attitude and ability to quickly react to changing business demands, aggressive deadlines, and demanding hours in a fast paced environment.
- RELOCATION:** Competitive relocation packages are offered for highly qualified candidates