

## PV Ink Development Group: Senior Ink Production Engineer

- PURPOSE:**
- Scale up a process to manufacture reliable high-performance electronic ink formulations. Responsibilities include equipment design, process optimization, and qualification of new production equipment.
  - Plan production and ensure on-time delivery, manage equipment service, calibration, and performance maintenance schedules, participate in yield and cost optimization activities.
  - Responsible for implementing manufacturing resource planning, statistical process controls, and product quality management.
  - Work closely with Ink, Printing, and Cell Development groups towards implementing and scaling up best known fabrication methods.
  - Meet all regulatory, ES&H, and customer certification demands in a fast paced chemical production environment.
- LEVEL:** Senior Engineer
- REQUIREMENTS:**
- PhD degree in an engineering discipline (preferably chemical engineering) with 1-3 years of related industry experience, or MS level with 5+ years of related industry experience.
  - Must have at least 5 years of hands-on industrial experience in a materials manufacturing and process development environment.
  - Requires hands on experience with manufacturing resource planning software and related Manufacturing Managements Tools used in the chemical manufacturing industry.
  - Formal training in colloidal science is a definite plus.
  - Familiarity with handling and processing of electronic inks and high-purity liquid processes is a plus.
  - Requires leading or facilitating meetings, training and presentations with internal staff, partners, and customers within the U.S. and abroad.
  - Experience in managing junior engineers and/or operators in a project/program-oriented environment.
  - 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