

CRYSTAL GROWTH PROCESS ENGINEER

Integrated Photonics, Inc. (IPI) is a small, private company, located in suburban Hillsborough, NJ. IPI specializes in the development of oxide crystals primarily for use in fiber optic telecommunication components. We ship materials worldwide.

We offer full-time employees a range of company paid benefits including Blue Cross Blue Shield health and dental coverage, a fully vested company matching 401k pension plan, and life and disability coverage.

IPI has an opening for a crystal growth process engineer. This position will involve responsibility for

- crystal growth operations in a production environment, including preparing chemicals
- building, maintenance, troubleshooting and repair of crystal growth furnaces
- monitoring yield and other process parameters for continuous process development and improvement
- documenting crystal growth processes and training process operators

Candidates should have an MS (preferred) or BS in Materials Science and Engineering, Chemical Engineering, Physics, or related science degree, with at least five years of hands-on experience in process development in a crystal growth production environment. Working knowledge of mechanics and electronics is highly desirable. Excellent computer skills and familiarity with using data analysis to drive process improvements is required. This position requires the candidate to be hands-on as well as flexible in taking on multiple roles in a small company.

Interested candidates, please contact IPI at: careers@integratedphotonics.com

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