

Lead Operator and Trainer - 3D Construction Printer

Company Description:

CC3D exists to serve local communities by providing creatively designed, efficiently built, sustainable 3-D printed infrastructure. We are a fast-paced company seeking to reform the construction industry through pioneering the use of 3D printed concrete in our region.

Core Values:

Creative in design and construction. – CC3D will lead the building industry by developing and implementing creative solutions for building methods and will push the limits by re-defining design limitations.

Efficient use of technology, time, and materials. – CC3D will pioneer the use and development of new technologies in the construction industry to increase the efficiency of the building process.

Passionate to construct better quality of life. – CC3D will utilize building methods that have a low impact on the environment, maintain high quality, and create environments where families and communities will grow and thrive.

Serve people. – CC3D will serve local communities by providing high earning employment opportunities and generously sharing company profits with our employees and the communities where they work and live.

Job Overview: We are seeking a skilled and experienced Lead Operator to join our innovative 3D Printing Concrete Company. As a Lead Operator, you will be responsible for operating our state-of-the-art 3D concrete printer, overseeing the entire printing process from setup to completion. This role requires a combination of technical expertise, attention to detail, and a commitment to safety and quality.

Key Responsibilities:

Operational Excellence:

- Operate the 3D concrete printer, including initiating, monitoring, and adjusting the printing process as necessary.
- Set up the printer and prepare the work area for printing operations, ensuring all materials and tools are ready for use.

Maintenance and Troubleshooting:

- Perform regular maintenance checks on the printer to ensure optimal performance.
- Diagnose and troubleshoot any technical issues that arise during the printing process.
- Perform cleaning and take-down procedures post-printing to maintain equipment in good working condition.

Quality Control:

- Monitor the quality of the printed concrete structures, making adjustments as needed to ensure high-quality outputs.
- Adhere to all company quality standards and procedures.

Safety and Compliance:

- Ensure compliance with all safety protocols and procedures during operation.
- Conduct risk assessments and implement preventive measures to minimize hazards.

Team Collaboration:

- Work closely with other team members, including engineers and designers, to understand and meet project requirements.
- Provide training and guidance to junior operators and assistants.

Innovation and Improvement:

- Participate in continuous improvement initiatives to enhance printing processes and techniques.
- Stay updated with the latest developments in 3D concrete printing technology.

Qualifications:

- Background in mechanics or manufacturing
- Technical diploma or certification in a relevant discipline (e.g., engineering, manufacturing) is preferred.
- Strong mechanical aptitude and problem-solving skills.
- Excellent attention to detail and a focus on quality.
- Ability to work independently and in a team environment.
- Good communication and interpersonal skills.

Physical Requirements:

- Ability to stand for extended periods.
- Capability to lift and maneuver materials and equipment up to 75 lbs.

Job Type, Pay, and Benefits:

- Full-Time (40+ hours per week; shift work may be required at times)
- Hourly
- Health Insurance
- Dental Insurance
- Vision Insurance
- Disability Insurance
- Life Insurance
- 401k (with matching)
- Paid Time Off

CC3D is an equal opportunity employer.

How to Apply:

Email the following to lsquire@crainco.com.

- Subject line of email should be:
 - *Your Name – CC3D Employment Application*
- Body of the email should include:
 - A brief bio introducing yourself.
 - Why are you applying?
 - What excites you about the potential job?
 - How does your experience and personality fit with the core values above?
- Resume (including work experience, education, skills, etc.)
- 3-5 References