



<https://www.i3dmfg.com/job/shop-technician/>

Additive Manufacturing Technician

Integrated 3D LLC (i3D MFG) is a 3D manufacturing company located in Redmond, OR. We are looking for a select group of experienced, highly motivated, forward thinking individuals to join our expert team at the Pacific Northwest's premier Powder Bed Fusion/Additive Manufacturing & Engineering facility.

Job Location

1263 SW Lake Rd, Suite 101,
97756, Redmond, OR

Date posted

November 3, 2018

Description

Position Overview

The Additive Manufacturing Technician will be responsible for machine set-up, operation, maintenance, and post-processing of DMLS parts. They will follow established procedures, work instructions, and sequences of operations. The technical knowledge of an ideal candidate includes a strong mechanical aptitude, proven experience in additive manufacturing and metal fabrication, and an advanced proficiency using shop, welding, and hand tools. Furthermore, the ideal candidate is self-motivated, has a strong attention to detail with a quality mind-set, proactively takes ownership of his/her products, is punctual in attendance and meeting goals, and remains flexible with scheduled hours.

Job Benefits

Integrated 3D, LLC offers a competitive benefit package that includes monthly bonuses, insurance, medical, retirement plans and vacation time.

Responsibilities

General shop duties to facilitate the production of DMLM parts including: DMLM machine set-up, powder sieving, DMLS machine clean-out, material changes, heat treating, part removal using EDM and finishing work utilizing CNC/manual milling and or hand tools.

Identify and troubleshoot process, material, or equipment problems to minimize down time and recommend solutions to the Operations Manager.

Assist the Operations Manager to develop, assemble, procure or modify existing and new tooling, fixtures, and equipment to ensure efficient production methods.

Assist the Operations Manager and Engineers with revisions and improvements to manufacturing methods and procedures, including writing change orders and deviations.

Complete and document routine maintenance on applicable manufacturing and test equipment.

Read schematics, assembly drawings, data sheets, and process sheets to ensure conformance and quality of in-process parts.

Assist in failure analysis, troubleshooting, rework/repair of non-conforming manufactured product to determine root cause.

Promote and support Lean Manufacturing and Continuous Improvement activities in Manufacturing.

Comply with policies, guidelines and regulatory requirements per the i3DMFG Quality System.

Assist the Operations Manager to install and validate equipment and processes in the production area to improve yield and/or reduce cycle time following the established validation procedure.

Work collaboratively and communicate clearly with Sales to ensure timely delivery

on agreed, realistic client schedules

Qualifications

Job Duties & Responsibilities

- Ensure compliance with company, customer, and quality required documentation.
- Diagnose, maintain, and/or repair machinery and equipment. Keep maintenance schedules to minimize down-time and maximize part quality and yield.
- Read assembly drawings or manufacturing drawings to ensure conformance and quality of in-process parts.
- Use precision measuring instruments i.e. calipers, micrometers, dial indicators, precision scales.
- Interact with Engineering on CAD models prepared for production on DMLS machines, EDM machines and post process requirements.
- Interact with Engineers, Technicians, Quality and Management on other technical and customer-related services as needed to develop manufacturing solutions or resolve issues with new or current products.
- Work collaboratively and communicate clearly with co-workers to ensure effective throughput of parts through production.

Additional Skills

Requirements

- Ability to perform all assigned tasks, work independently, and complete work on schedule.
- Ability to follow instructions: Written, verbal or electronic communications.
- Ability to move, position, lift, and stack parts weighing up to 50 pounds daily.
- Ability to wear personal protective gear correctly most of the day, including gloves, hearing protection, eye protection, protective footwear, and respirators.
- Ability to use and understand general test/measurement equipment including calipers, height gauges, tape measures, etc.
- Ability to communicate with customers, teammates, and management with daily updates, hazard concerns, questions, and issues.
- Ability to learn technical material relating to additive manufacturing and additive machine maintenance.
- Must be able to work first shift, second shift, flexible hours, and weekends.
- **Required:** Compliant with the International Traffic in Arms Regulations (ITAR) which requires U.S. person status (ITAR defines "U.S. Person" as a U.S. Citizen or U.S. Permanent Resident

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Other Skills/Abilities

- Working knowledge of computer programs (Microsoft Word, Excel, Outlook)
- Background in additive manufacturing, metal fabrication and/or manufacturing a plus. Proficient at working with your hands using various tools is a must.
- Demonstrated mechanical, analytical aptitude.