



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

## Shop 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.

### Description

The Shop Technician will be responsible for machine set-up, maintenance and post processing of DMLM parts. The right match for this job will have a strong mechanical aptitude, have proven experience in manufacturing and/or fabrication, be comfortable working with CNC and milling machinery, proficient with hand tools, be self-motivated, have a strong attention to detail with a quality mind-set, be a proactive non-procrastinator, that has flexibility with scheduled hours.

### Job Benefits

Integrated 3D, LLC offers a competitive benefit package that includes 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

Ability to perform all assigned tasks, work independently, and complete work on schedule.

### Employment Type

#### Job Location

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

#### Date posted

November 3, 2018

Follow Operations Manager and Engineers direction while displaying cooperative and positive behavior with co-workers.

Basic understanding and ability to read prints and schematics.

Ability to use and understand general test/measurement equipment including DVM, calipers, height gauges, etc.

Background in practical mechanics, electrical, and troubleshooting.

Excellent references from previous employers.

Ability to report to I3DMFG office in Redmond, OR.

Clean Drug Test.

Clean record/background check

### **Additional Skills**

Strong verbal, written, and electronic communication

Working knowledge of computer programs (Microsoft Word, Excel, Outlook)

CAD experience a plus

CNC programming a plus

Wire EDM experience a plus

Experience in a regulated environment, such as ISO, AS, ITAR

Demonstrated ability to troubleshoot electro-mechanical systems with knowledge of PLC's, control systems, and machine interface is a plus