



**ALKAB Contract Manufacturing, Inc. is actively seeking qualified candidates for the following position:**

## **MACHINIST, CNC; LARGE PARTS**

**7 YEARS EXPERIENCE MINIMUM**

### **POSITION SUMMARY**

**Large Part CNC Machinists** highly skilled in all aspects of CNC machining of large prototypes, one-off's and small-lot runs; not production runs. Our CNC Machinists are directly responsible for every aspect in the programming, set-up and machining of the parts they are assigned which requires a high degree of skill and expertise.

Qualified candidates shall be highly skilled on the following:

#### **MACHINE TOOLS:**

- CNC Horizontal Boring Mills (3 to 5-axis)
- CNC Bridge Mills (3 to 5-axis)
- CNC Flat Bed Lathes or Larger CNC Slant Bed Lathes (2-axis)

#### **CNC CONTROL:**

- Fanuc

#### **CAD/CAM Software:**

- Unigraphics
- DP Esprit

Items to be machined consist of a variety of complex weldments, forgings and castings as well as a variety wrought material parts. Qualified candidates shall be able to effectively and efficiently perform their work with minimal supervision in a custom manufacturing job shop environment.

### **POSITION REQUIREMENTS**

Effectively and efficiently interpret drawings to determine dimensional criteria, tolerances, geometric dimensioning and tolerancing (GD&T), sequence of operations, set-ups, fixturing, tooling, and speeds and feeds to accurately and productively perform 2 ½-axis to 5-axis CNC

machining of custom parts from a variety of materials on large multi-axis CNC horizontal boring mills, bridge mills and flat bed lathes (4-axis & 5-axis experience desirable but not required).

Utilize manual programming at the machine tool and CAD/CAM, as appropriate, to efficiently and effectively develop and edit 2 ½-axis to 5-axis CNC programs for accurate and productive machining of parts, including machining of molds and complex surfaces and shapes, from a variety of materials on large multi-axis CNC horizontal boring mills, bridge mills and flat bed lathes according to specified requirements (4-axis & 5-axis experience desirable but not required).

Utilize CAD/CAM to efficiently and effectively import, export, interpret, and analyze specifications consisting of drawings, sketches, electronic models, or electronic design data and geometry to perform 2 ½-axis to 5-axis programming and machining of parts(4-axis & 5-axis experience desirable but not required).

Set-up, operate, and maintain all tools, equipment and materials befitting a professional and to the requirements of the customer and the company.

Work within a procedural system to manage and utilize multiple CNC programs for multiple CNC machine tools including storage, retrieval, editing and DNC.

Communicate extensively with affected workers via written notes/instructions and/or discussions to convey detailed information accurately to enhance the continuity of the manufacturing operations and assure conformance to requirements and company objectives.

Develop and create, or as a minimum, possess an understanding and knowledge of post processors and effectively fine-tune them for seamless communication from CAM to varying machine tool controls to establish ultimate machine tool and cutting tool performance.

Effectively, efficiently and accurately understand quality assurance requirements and their impact on machining and manufacturing processes and the parts being produced.

Assure conformance of tasks, processes and product to customer and/or company specifications and requirements by properly utilizing measuring instruments, measuring tools, gages and/or by any means as deemed necessary for verifying conformance as defined by the requirements.

Perform all preventive maintenance daily, weekly, semi-annually and annually as prescribed by internal procedures and/or the machine tool manufacturer's recommendations and procedures.

Perform any and all other tasks required or as instructed to the benefit of the company or customer.

Assure that all work is performed in a safe and professional manner.

## **THE COMPANY**

ALKAB Contract Manufacturing, Inc. is a technology-based custom manufacturing services provider located 17 miles northeast of Pittsburgh, PA. ALKAB provides technology-based precision machining, welding, fabricating, and electromechanical assembly services and produces custom industrial process machinery, equipment, tooling and individual components for our clients' specific requirements. ALKAB offers competitive wages and benefits including major medical, prescription and vision insurances, and 401K.

## **CONTACT**

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