

# Rafael Abundiz

Denver, CO

[rafael12.1965@gmail.com](mailto:rafael12.1965@gmail.com)

3072752691

## PERSONALITY BRIEF

team work player, self motivated, multitask oriented, fast learner, highly energetic, enthusiastic, cheerful and outgoing goal oriented, ability to understand and acquire technical skills, always trying to be the hardest worker is possible with excellent job habits, and good ethics.

## GENERAL KNOWLEDGE

### PRECISION TOOLS;

micrometers, calipers and

mills, gauges, presses, reamers, milling cutters, clamps, vises, indicators, dies, tapping and threading tools, chucks, collets, countersinks optical comparators, conventional vertical milling machine 3 axis (bridgeport 2 years exp) CNC plasma cutter table, CNC vertical milling machine (BASICS) able to read blue prints and drawings.

### SHOP TOOLS;

electric and pneumatic grinders, impact guns, metal circular saw, belt sanders, band saw vertical and horizontal, bench press, brake press, shear brake, tape measure, sheet metal formers, ovens and furnaces, slip roll, pneumatics, hydraulics and mechanical skills.

### WELDING;

MIG-ARC (certified in mig-gmaw, wp 100 drillig 00) oxyacetylene torch, studs welding, spot welding, blaze welding.

pneumatic bender machines vertical and horizontal 25000 tons.

### CNC PLASMA CUTTER TABLE

CRANES, HOIST, JEEP CRANES.

FORKLIFT driver, hister, daewoo, crown, cat, caterpillar.

computers, windows, excel, word, power point.

Authorized to work in the US for any employer

## Work Experience

---

### **Production Operator I**

nortrak voestalpine - Cheyenne, WY

January 2015 to April 2021

#### MACHINING SHOP;

numerical control vertical and horizontal bender machine operator capacity 25000 tons.

performing different types of bends and shapes in the train rails depending on the use like switch point, wings, guards, high speed or slow speed tracks.

CNC drilling machine operator;

uploading programs to the computer to start the processes to drill holes where is required in the rails always watching for the right tools, replacing inserts and bits when is necessary taken care of hydraulics, and pneumatics systems.

## RAILROAD FROGS FITTER

a frog is a kind of equipment that makes the train wheels cross from one track to another, consist of fork, wing rail and connecting parts

welding and graining parts of manganese using coming sticks ark in order to shape the form in this part to be fitted in the rest of the parts using differet types of tools like heavy duty impact pneumatic guns 16" saw gas powered, torque guns, wrenches, ratchets, cranes, hoisters, straps, chains, hooks, and different measure tools like straight edges, angle edges, degree edges and rulers

welding and grinding mild steel plates and shoulders using mig welding (argon-oxygen) and oxyacetylene torch in order to attache this to the manganese part following the blue prints and drawings.

## Production Operator II

Puma steel - Cheyenne, WY

March 2010 to December 2014

conduct activities that insure daily production objectives are accomplished.

## CNC PLASMA OXYFUEL BURN TABLE OPERATOR

performing maintenance on the table and the consumables

loading programs of parts to be cut via usb and proceeding the respective cuts, of variety of forms and shapes, depending on the costumers requeriments

selecting and loadin diferent types and sizes of plates on the plasma table using forklift, hister, cranes and hoist.

## Education

---

### Some college

## Skills

---

- welding machines, tig, mig, rods, benders, rollers break machinery, presicion tools, calipers, micrometers, optical comparators, cranes, hoist cnc machinery (5 years)
- lecture drawings, blue prints, milling machines, cnc machinery, plasma cutters, presicion tools, calipers, micrometers, optical comparators, cranes, hoist, benders, brake press, roller benders, shears, drawing lecture, blue prints, computer skills (5 years)
- Welding
- Blueprint Reading
- CNC Milling Machine
- Manufacturing
- Forklift
- Mechanical Knowledge

## Languages

---

- English/spanish - Fluent

## Certifications and Licenses

---

**welding MIG-GMAW,WP100 DRILLING 00**

January 2015 to Present

## Additional Information

---

excellent work habits and god job ethics