

Job Descriptions –Please note these will vary across companies and industries.

| <u>Job</u> | <u>Task</u> |
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| <ul style="list-style-type: none"> • Assembler | <ul style="list-style-type: none"> • Good work ethic (show up on time, honest) • Basic math skills • Able to read blue prints • Understanding of basic business |
| <ul style="list-style-type: none"> • CNC Operator | <ul style="list-style-type: none"> • Good work ethic (show up on time, honest) • Basic math skills • Able to read blue prints • Understanding of basic business |
| <ul style="list-style-type: none"> • CNC Programmer | <ul style="list-style-type: none"> • Interpret drawings to develop sequence • Prepare & compile reference materials • Prepare setup sheets, prescribe operations, specify tools & document according to program manuals • Make calculations for dimensions, tool offsets • Determine speeds and feeds • Monitor & document all approved changes • Use SMARTCAM software |
| <ul style="list-style-type: none"> • CNC Set-up Op | <ul style="list-style-type: none"> • Able to read prints, micrometers, calipers & tape measure • Knowledge of “Maztroll” machine language • Able to set-up specific programs & change tooling • Strong math • Able to operate the machine with little supervision |
| <ul style="list-style-type: none"> • Fabricator | <ul style="list-style-type: none"> • MIG/TIG/Stick welding on aluminum, carbon steel. • Able to use shears, punches & read blue prints • Understand measurements • Take job from start to finish with little supervision |
| <ul style="list-style-type: none"> • Machinist | <ul style="list-style-type: none"> • General machine • CNC turning/drilling/milling set-up & operations • Practical experience |
| <ul style="list-style-type: none"> • Machinist (CNC) | <ul style="list-style-type: none"> • Shop floor programming; Set-up and operate machines to prove out programs. • Monitor all approved changes. • Determine speeds & feeds; Monitor changes • Interpret drawings to develop sequence • Prepare & compile reference materials • Design & manufacture new fixturing & tool selection & machining processes. |
| <ul style="list-style-type: none"> • Machinist (Journeyman Mechanical) | <ul style="list-style-type: none"> • Able to read & interpret blue prints • Operate a lathe, mills & other machines • Read micrometer, caliper & tape measure • Strong math skills • Able to create part from scratch with little supervision. |

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| <ul style="list-style-type: none"> • Machinist (Manual) | <ul style="list-style-type: none"> • Set up and operate lathes, mills, drill presses; • Setup and operate D.R.O. • Program/edit computer aided equipment • Operate forklift, saw and torch |
| <ul style="list-style-type: none"> • Maintenance Mechanic | <ul style="list-style-type: none"> • Basic electrical, schematics, ladder logic, PLC, digital meters, hydraulics, & pneumatic schematics skills; • Electrical skills (metric & drives) • PLC, hydraulics, pneumatics & mechanical skills • AA degree or trade show certificate • Interactive team work skills • Be able to weld & fabricate; • Good problem solving, communications & reading skills; • Able to operate machines in motion |
| <ul style="list-style-type: none"> • Welder | <ul style="list-style-type: none"> • Perform SMAW (stick), MIG/TIG welding on aluminum, carbon, & stainless steel; • Use sheers, punches & read blue prints; • Understand measurements & make adjustments; • Work with little supervision TIG) operations on a variety of elements • Welds are subject to detailed tests and inspections. |