



SPECIAL PRODUCTS & MFG.
INC.

Special Products & Mfg., Inc.
2625 Discovery Blvd.
Rockwall, TX 75032
972.771.8851

Job Summary:

The purpose of the position is to produce materials according to specifications and on schedule. They are responsible for the proper care and safety procedures associated with operating the machinery.

Job Responsibilities:

- Maintains Punch Press (Vipros, EMLK, FinnPower) machine and performs the changing of pallets with little or no supervision
- Download programs, align & build alphanumeric punching stamps and changes and load tools with minimal supervision
- Understand Punch Press scheduling format to locate material
- Responsible for checking the end product to ensure it meets customer specifications and SPM quality standards. Raise quality issues to the next level if quality is compromised
- Utilize previously prepared programs and assigned tooling to complete each job
- Ensure you follow all SPM safety procedures associated with operating machinery, plant requirements and other safety regulations
- Attend all required training, seminars or other skills set instruction
- Perform other duties as assigned by supervisor

Skills & Knowledge:

- Understanding of math (fraction, decimal, metric conversions)
- Ability to understand and communicate prints and how they relate to the finished product
- Minimum of 2 years' experience in Punch Press Operation

MIG/TIG Welder

Responsibilities:

- Read and interpret blueprints to determine specific welding requirements
- Scan jobs in and out correctly. Log, accurately scan and identify parts prior to leaving Welding Cell
- Follow instructions concerning the application of SPM fixtures
- Follow router and B.O.M to gather details for weld assembly. read weld symbols on print and interpret all weld symbols
- General knowledge of weld gasses
- Trouble shoot welding, fixture and print problems
- Effectively use weld machine settings and when to use straight or reverse polarity
- Applicable knowledge of filler rods and weld gas mixes

Skills:

- Good Attention to Detail
- Knowledge of blueprints
- Provides accurate and consistent work output

Work Environment:

- Regularly required to sit or stand
- Protective clothing, eyewear, masks and shoes are required
- Maximum weight limit 55 pounds

Qualifications:

- Minimum of 2 years experience with MIG/TIG welding
- Welding certification or ability to pass test

Quality Inspector

We are looking for a responsible **Quality Inspector** to check the quality of all incoming and outgoing material and products as well as production procedures. You will be a firm advocate of quality in our business.

The ideal candidate will possess a trained eye for detail and will be reliable and committed. In depth knowledge and comprehension of quality standards is essential.

Responsibilities:

- Inspect manufactured parts, instruments, gauges and raw material
- Ability to conduct final inspection of finished products
- Complete first inspection of new and revised parts
- Have working knowledge of geometrical dimensions and tolerance
- Working knowledge of welding processes and weld symbols
- Knowledge of decimal, fractions, and metric dimensions and cross conversion of each
- Ability to verify product quality using all available inspection equipment and techniques
- Ability to verify quality of all types of plating and paint finishes
- Perform First Article inspections
- Train and/or instruct production operators on inspection requirements
- Work with engineers, technicians, supervisors, and plant floor to resolve day to day issues and promote quality principles
- Generate, complete and maintain quality documentation such as inspection records, non-conformance reports, deviation and scrap forms
- Support the maintenance of the calibration system
- Organize and reports final inspection results
- Maintain compliance with all current quality procedures and processes
- Effectively communicate technical issues to Manufacturing Management
- Perform detailed dimensional and cosmetic inspection techniques on products

Requirements:

- 2+ years' experience in Quality role
- Familiarity with quality testing machines and systems
- Detail and results-driven approach
- Thorough knowledge of quality control standards and testing methodologies
- Knowledge of ISO 9001:2015 processes and procedures

Press Brake Set-Up

Job Summary:

The purpose of the positions is to produce materials according to specifications and on schedule. Needs to know how the different materials react to pressure, heat and shaping procedures. Works with machinery to bend, form, stretch, notch, punch or straighten metal plates and produce structural shapes as specific by blueprints, drawing, templates or layout. Materials produced must be checked for quality and conformance before released to internal/external customer and correct any inconsistencies that have occurred. They are also responsible for the proper care and safety procedures associated with operating the machinery.

Position Responsibilities:

- Operate Press Brake Procedures:
 - Training operators on an ongoing basis to become set up operators
 - Perform more technical, difficult and complicated bends and angles above what is usual skill and expertise in Press Brake (i.e. Maintain dimensions on square parts, multiple bends, radius and angles)
 - Responsible for simple or complex set-ups for Press Brake machine to meet job expectations to include multiple heights
 - Run a fully functional number control press brake set-up sheet for assigned machine
 - Mathematically figure bend deductions, convert decimal/metric/fractions and figure flat pattern of parts containing 90-degree bends
 - Use computer software supplied flat patterns and geometric tolerances (use these specific parts or model files to run variable bending conditions)
- Mathematically be able to figure intersect dimensions
- Working knowledge of tool/material testing, with accurate results and priority feedback
- Have working knowledge of manual Press Brake shears and of manual notcher to develop samples and modifications
- Responsible for checking the end product to ensure it meets customer specifications and SPM quality standards. Raise quality issues to the next level if quality is compromised
- Ensure to follow all SPM safety procedures associated with operating machinery, plant requirements and other safety regulations
- Ability to effectively read square, protractor and dial calipers on O.D./I.D. and intersect dimensions

Job Requirements:

- High School diploma or equivalent
- 3+ years Press Brake Set-up experience
- Blueprint reading
- Ability to work with minimum supervision
- Ability to follow verbal and written instructions