ASHLEY WARD, INC.- MASON DIVISION, JOB DESCRIPTION

JOB TITLE: Screw Machine Setup Operator

DEPARTMENT: Acme

SUMMARY:
Sets up and operates multi spindle lathe type screw machines equipped with automatic indexing and feeding mechanisms to machine metal bar stock by performing the following duties.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Reads blueprint or job order for product specifications such as dimensions, tolerances, number of parts to be machined, and tooling instructions such as cutting speeds, feed rates, depth of cuts, and cutting tools to be used.
- Positions and secures specified collets, bushings, and stock pushers onto stock feeding mechanism and loads bar stock into feeding mechanism.
- Installs and adjusts specified cams, gears, and stops to control stock and tool movements at each station.
- Positions and secures tools in toolholders.
- Sets cutting speeds and feed rates.
- Moves controls to cycle machine through settings, stopping machine and adjusting tool positions and machine controls to allow for operating factors such as timing, clearance between moving parts, and chip removal.
- Starts machine, observes operation, and inspects first run and sample workpiece to ensure machining conforms to specifications.
- Replaces worn tools.
- Operates bench grinder to sharpen tools.
- Performs on-the-job training for operators as needed.

QUALIFICATIONS:
To be able to perform this job satisfactorily, an individual must be able to perform each essential
duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION/EXPERIENCE:

Primarily on-the-job training to include- tool sharpening, speeds and feeds, machine maintenance, and blueprint reading.

MATHEMATICAL SKILLS:

Ability to add, subtract, multiply, and divide all units of measure. To perform the four operations with like common and decimal fractions. To apply principles of shop math to metalworking industry.

PHYSICAL DEMANDS:

Ability to lift and move materials weighing 40-50 lbs.

WORK ENVIRONMENT:

To be able to cope with noise, working with a variety of fluids and solvents, and performing tasks that are repetitive in nature.