

## Four Slide - Machine Setter - 616.380.010 Work Schedule "A"

The following schedule of work experience is intended as a guide. It need not be followed in any particular sequence, and it is understood that some adjustments may be necessary in the hours allotted for different work experience. In all cases, the apprentice is to receive sufficient experience to become fully competent and use good workmanship in all work processes which are a part of the trade. The apprentice will be fully instructed in safety and OSHA requirements.

- A. FOUR SLIDE FORMING MACHINE (2500 Hours)
  - 1. Introduction to the machine and its components parts.
  - 2. Understanding the proper functions in the operation of the machine.
  - 3. Knowledge of simple set ups and adjustments progressing gradually into more complex set ups and adjustments.
  - 4. Tooling and Tool Sharpening - cutting of tools and knives
  - 5. Operating machines
  - 6. Inspection and checking of machined products to assure conformity to blue print specifications or specific gages for the job
  
- B. AUXILIARY MACHINES (500 Hours)
  - 1. Learning operation and use of
    - a. Surface Grinders
    - b. Bench Grinder
    - c. Drill Press
    - d. Milling Machine
  
- C. SET-UP (2550 Hours)
  - 1. Feeding wire or metal strip and setting feed
  - 2. Familiarization with wire straightening and learning the differences in various metal types and different wire or metal sizes.
  - 3. Inserting proper tools in the four slides of the machine.
  - 4. Inserting proper cams in the machine.
  - 5. Adjusting timing action of the cams of the slides.
  - 6. Turning machine manually to perform complete cycle. Tighten all locking bolts for the slides and cams in use. Making several samples for preliminary check.
  - 7. Run machine under full power. Check machine product samples for conformance to blue print specifications.
  - 8. Operate machine.
  - 9. Inspection periodic check of machined product to assure conformance to blue print specifications or gage requirements.
  - 10. Setting safety devices; automatic shutoff devices etc.

D. RELATED INSTRUCTION (450 Hours)

- Mechanical Drawing & Shop Sketching
- Elementary Physics
- Science of Metal (Metallurgy)
- Trade Science
- Blueprint Reading
- Mathematics
- Economics & Safety
- First Aid

TOTAL 6,000 Hours

WAGE SCHEDULE "B"

0 - 1000	Hours	_____
1001 - 2000	Hours	_____
2001 - 3000	Hours	_____
3001 - 4000	Hours	_____
4001 - 5000	Hours	_____
5001 - 6000	Hours	_____
Journeyman	Rate	_____