

Injection Molding Setter - Plastic - 556.780.010 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. MAINTENANCE OF PRESSES AND EQUIPMENT (800 Hours)

Electrical, Hydraulic and Mechanical

1. Lubricate
2. Safety controls
3. Hydraulic systems
4. Electrical & Computer controls
5. Injection unit
6. Clamp end
7. Cooling system
8. Heating elements

B. INJECTION MOLDING OF THERMO PLASTICS (912 Hours)

1. Knowledge of wide range of materials
2. Granule preparation
3. Color control
4. Heat characteristics
5. Shrinkage characteristics

C. PREFORMING, DRYING AND PREHEATING (600 Hours)

1. Heat control adjustment
2. Clamp and injection pressures
3. Trouble shooting
4. Mold alignment
5. Plunger travel
6. Feed control
7. Side insert controls

D. TOOLING WITH PLASTICS (600 Hours)

E. BASIC MOLD DESIGN (600 Hours)

1. Layout
2. Recognize defects
3. Flowability of materials

F. INSPECTION/MEASURING (200 Hours)

G. RELATED INSTRUCTION (288 Hours)

TOTAL - 4000 Hours

WAGE SCHEDULE "B"

0 - 1000	Hours	_____
1001 - 2000	Hours	_____
2001 - 3000	Hours	_____
3001 - 4000	Hours	_____
Journeyman	Rate	_____