



KITCHEN CABINET
MANUFACTURERS ASSOCIATION*

Kitchen Cabinet Manufacturers Association
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KCMA APPRENTICESHIP WORK PROCESSES

COATING MACHINE OPERATOR I

(ALTERNATE TITLE: CABINET FINISHER)

O*NET/SOC CODE: 51-9124 RAPIDS CODE: 1025CB

DESCRIPTION: Sets up, operates, or tends spraying machines to coat or paint wood cabinetry and components. Applies solvents and stains to indicated orders, follows demonstrated instructions, inspects own work process carefully, maintains the work area and equipment in a clean and orderly condition that follows prescribed safety regulations, and uses appropriate handling methods for the disposal of hazardous materials and wastes.

Approximate Program Length: 1 year

A. Safety

1. Follow industry-specific safety procedures around finish room operations
2. Minimize potential hazards
3. Work following OSHA industrial safety standards
4. Maintain clean work areas
5. Demonstrate awareness of first aid, CPR, and blood borne pathogens
6. Inspect, maintain, and report and replace hand tools and power equipment
7. LOTO
8. Spills and fire hazard prevention and awareness
9. Waste materials and container markings

B. Communications

1. Read work-related information/instructions
2. Read and interpret emergency evacuation procedures
3. Report (in writing) problem and/or solutions
4. Prepare shop order requests
5. Read and interpret Job Safety Analysis (JSA)
6. Communicate with team

C. Prepare and Operate Machinery

1. Read and interpret work orders
2. Acquire and prepare materials
3. Set up manual and automated finishing equipment
4. Mount attachments or tools onto production equipment
5. Hold or position spray guns to direct spray onto articles
6. Package untreated waste
7. Monitor and record daily product

D. Apply Protective or Decorative Finishes

1. Spray prepared surfaces with specified amounts of finish coatings
2. Prepare chemicals for application
3. Use brush to hand-paint areas in need of retouching or unreachable with a spray gun
4. Apply finish materials over any repairs made to surfaces
5. Sand and apply sealer to properly dried finish

E. Inspection and Troubleshooting

1. Visually inspect material
2. Monitor equipment for out-of-spec operation
3. Package treated waste

F. Mix Chemicals

1. Read and interpret mix (specifications) sheet
2. Weigh out liquid and chemicals per mix sheet
3. Activate signal lights, identify proper tank for pads

G. Housekeeping

1. Keep area, walkways, and machines clean to enhance safety and product quality
2. Entry end
3. Exit end
4. Utility
5. Shipping

TOTAL HOURS

2000

RELATED INSTRUCTION

COATING MACHINE OPERATOR I

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APPROXIMATE HOURS

| | | |
|--|-----|-----------------|
| A. BASIC MATH | | |
| 1. Fraction, Decimals, Division, Percents, Ratio and Proportion | 14 | Multiplication, |
| 2. Standard Measurement/Temperature | | |
| 3. Advanced Math (Basic Algebra, Basic Geometry) | | |
| B. COMMUNICATIONS | 10 | |
| 1. Writing/Reading | | |
| 2. Comprehension Skills | | |
| 3. Oral Communication Skills | | |
| 4. Computer Skills | | |
| C. BASIC CHEMISTRY | 40 | |
| 1. Preparing Chemical Solution | | |
| 2. Terminology | | |
| 3. Understanding Reactions | | |
| 4. Safety Hazards | | |
| D. TROUBLESHOOTING | 40 | |
| 1. Equipment troubleshooting | | |
| 2. Chemical troubleshooting | | |
| 3. Process troubleshooting | | |
| E. FINISHING EQUIPMENT | 20 | |
| F. SAFETY, OSHA REGULATIONS INSTRUCTION | 20 | |
| TOTAL HOURS | 144 | |