

# Maintenance Services Competency Profile



## Employability Skills

- Utilize Communication Technology
- Construct a Career Portfolio
- Give and Receive Constructive Feedback
- Establish and Maintain Professionalism
- Determine Surface Area
- Estimate Material Needs
- Proven Problem Solving Ability

## Personal/Workplace Safety

- Safely Handle Materials
- Mitigate Hazards
- OSHA 10hr Certificate
- Blood Borne Pathogen Clean up
- Demonstrate Lockout/Tagout
- Inspect and Erect Ladders and Scaffolding
- Identify Safety Signs, Exits and Alarms
- Operate Fire Extinguishers
- Locate and Interpret Safety Data Sheets
- Maintain Proper Work Space Housekeeping
- Select Don and Maintain Required P.P.E
- Demonstrate First Aid and CPR

## Maintenance Operations

- Schedule Preventative Maintenance
- Schedule Vendor Operations
- Perform Routine HVAC System Cleaning
- Inspect/Replace Filters
- Implement Waste Management
- Perform Grounds Maintenance
- Repair/Replace Lawn Sprinkler Systems
- Maintain Curb Appeal
- Maintain Lawn Equipment
- Maintain Custodial Equipment
- Mitigate Moisture Problems
- Remediate Mold on Porous Surfaces
- Replace Damaged/Missing Insulation

## **Custodial Operations**

- Maintain Sustainable, Healthy and High Performance Cleaning
- Develop Custodial Routines/Schedules
- Identify Porous and Non Porous Surfaces
- Vacuum and Sanitize Public Areas
- Sanitize Public Restrooms
- Sanitize Kitchen Areas
- Wash Window Surfaces and Treatments
- Replenish Consumable Supplies
- Collect and Dispose of Solid and Hazardous Waste
- Vacuum and Spot Clean Carpeting
- Extract Carpeting
- Perform Interim Maintenance Encapsulation, Spotting, Bonnet, Deep Cleaning Methods
- Perform Daily Maintenance on Cleaning Equipment
- Identify Procedures, Chemicals and Equipment for Each Task
- Restore Stone Flooring
- Operate Auto Scrubber
- Operate Low Speed Scrubber
- Operate Burnisher

## **Carpentry**

- Identify Platform and Balloon Framing
- Identify Floor Framing Components
- Layout Basic Floor Systems
- Cut and Install Floor Framing Components
- Identify Wall Framing Components
- Layout Walls and Rough Openings
- Cut and Install Wall Framing Components
- Identify Roof Framing Components
- Drill/Chisel Stock
- Cut Stock with Reciprocating Saw
- Cut Stock with Circular Saw
- Cut Stock with Miter Saw
- Cut Stock with Table Saw
- Cut Stock with Panel Saw
- Cut Tile with Wet Saw
- Use Pneumatic Tools
- Interpret Blue Prints

### **Interior Finish**

- Repair Damaged Wall/Ceiling Surfaces
- Install Drywall
- Finish Drywall
- Install Metal Corner Bead
- Prime/Prepare Wall Surfaces
- Select and Apply Proper Paint and Sheen
- Apply Mold Remediation Techniques
- Repair Suspended Ceiling Components
- Repair/Install VCT Flooring
- Repair/Install Ceramic Flooring
- Repair/Install Hardwood Flooring
- Basic Repair of Residential Carpet
- Repair/Install Standard Door Locks
- Cut and Install Door Trim and Baseboard
- Apply Caulk

### **Exterior Finish**

- Install Vinyl Siding, Channel, Soffits
- Bend and Install Fascia Coil Stock
- Install Roofing Paper
- Bend and Install Drip Edge
- Lay Out and Install 3-Tab Roofing Shingles
- Apply Caulking/Sealant
- Repair/Replace Weather Stripping
- Install New Construction Windows
- Replace Window Screening

### **Electrical**

- Describe AC and DC Electricity
- Describe Series and Parallel Circuits
- Measure Voltage up to 120V AC
- Measure Amps up to 20A
- Check Continuity
- Replace 15-20A Receptacles
- Replace 15-20A Switches
- Explain NEC and NFPA
- Troubleshoot Basic Fan Motors
- Replace Light Bulbs and Lenses
- Install a Residential Door Bell Circuit
- Replace a Circuit Breaker
- Install New and Old Work Boxes
- Connect Appliances

## Plumbing

- Measure, Cut and Join PVC Piping
- Measure, Cut and Solder Copper Piping
- Clear Obstructions in DWV Systems
- Operate Electric Hand Snake
- Operate Air Ram to Clear Obstructions
- Repair/Replace Faucets
- Repair/Replace Toilets
- Locate Supply Shut Offs
- Connect Water Supply Lines
- Repair/Replace a Shower Head
- Repair/Replace a Trip Lever
- Install Disposal