Facilities Maintenance Equipment List

JULY 2024

## Suggested Equipment List

### Safety Equipment:

* Safety glasses
* Gloves
* Ear protection
* Knee pads
* Hard hats
* Respirators (if needed)
* Fire extinguishers
* First aid kits
* Emergency response kits

### Classroom Technology:

* Computers with computerized maintenance management software (CMMS), e.g., IBM Maximo, UpKeep, Hippo CMMS, Fiix.
* Mobile Devices with CMMS software
* Projectors or smart boards for presentations and demonstrations
* Sample/Model Energy Management Systems (EMS), e.g., Energy Star Portfolio Manager, Schneider Electric EcoStruxure, eSight Energy
* Sample/Model Internet of Things Devices, e.g., Smart sensors for temperature, humidity, and occupancy; connected HVAC systems
* Predictive Maintenance Technologies, e.g., vibration analysis tools, thermal imaging cameras, ultrasonic testing devices
* Communication Tools, e.g., Slack, Microsoft Teams, Zoom
* Data Analytic Tools, e.g., Tableau, Power BI, Google Data Studio

### Electrical Tools:

* Multimeter
* Wire strippers
* Electrical tape
* Circuit tester
* Soldering iron

### Hand Tools:

* Screwdrivers (flathead and Phillips)
* Pliers (needle-nose, lineman’s)
* Wrenches (adjustable, combination, socket set)
* Hammers (claw, sledgehammer)
* Tape measure
* Utility knives

### Power Tools:

* Drill (cordless or corded)
* Saw (hand saw, circular saw)
* Sander (orbital or belt sander)
* Grinder

### Plumbing Tools:

* Pipe wrenches
* Plumbers' snake
* Pipe cutters
* Pipe fittings and sealants

### HVAC Tools:

* Manifold gauges
* Thermometer
* Refrigerant recovery tools
* Vacuum pump

### Measurement and Inspection Tools:

* Level
* Thermometers (digital and infrared)
* Moisture meters
* Infrared cameras (for thermal inspections)

### Building Maintenance Equipment:

* Ladder (step ladder, extension ladder)
* Scaffolding (if applicable)
* Vacuum cleaner (industrial or commercial grade)
* Carpet cleaner (industrial or commercial grade)

### Landscape Management Tools:

* Shovels
* Rakes
* Hoe
* Pruners
* Shears
* Trowels
* Hand Forks
* Lawn Mowers, e.g., Push mowers, riding mowers, zero-turn mowers
* String Trimmers/Weed Eaters
* Blowers
* Hedge Trimmers
* Pruning Saws
* Tillers/Cultivators
* Aerators
* Mulchers
* Garden Edgers
* Sprayers
* Irrigation System repair parts
* Garden Carts/Wheelbarrows
* Soil Moisture Meters

### Maintenance Supplies:

* Lubricants (oil, grease)
* Cleaning supplies (buckets, mops, detergents)
* Replacement parts (filters, belts, bulbs)

### General Maintenance Tools:

* Paint supplies (brushes, rollers, trays)
* Caulking guns
* Hand trucks or dollies