

# Facility Management & Maintenance Library

## Online Training, Tracking and Reporting For Facility Professionals

RedVector provides Facility Management and Maintenance professionals with a complete online learning solution that helps ensure worker safety, reduce risk, increase productivity, close skill gaps, and reduce operations and maintenance costs.

RedVector provides over 800 approved and accredited facility management and maintenance courses and certification management tools to help you maintain your credentials.

### TRAINING TOPICS

- Health, Safety & Environment
- Professional Development
- Emergency Preparedness
- Codes & Standards
- Green/LEED
- Energy Efficiency
- Project Management
- Mechanical Maintenance
- Electrical Maintenance
- Asset/ Maintenance Management
- FM Fundamentals
- BIM for Facility Managers
- Water Resource Management
- Mechanical Engineering
- Electrical Engineering
- HVAC/Refrigeration

### CREDENTIALS AND LICENSES

- Board of Certified Safety Professionals – CSP, ASPOHST, CHST, CET
- Association of Energy Engineers - AEE - Certified Energy Manager (CEM)
- International Facility Management Association - IFMA - Certified Facility Manager (CFM)
- BOMI International - RPA, FMA and/or SMA
- Green Building Certification Institute - GBCI - LEED Accredited Professional (AP O+M)
- Green Building Certification Institute - GBCI - LEED Green Associate (GA)
- Project Management Institute (PMI) - Project Management Professional
- Professional Engineer (PE) – Electrical, Mechanical, Fire, Plumbing & Civil
- International Code Council
- American Hospital Association - AHA - Certified Healthcare Facility Manager (CHFM)



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# RedVector's Facility Management & Maintenance Library

## Hot Topics

Pneumatics  
BIM for Facility Managers  
Active Shooter  
Legionella  
WELL Building Standards  
Energy Codes

## Health & Safety

CPR/First Aid  
Fire Safety  
Ergonomics/Back Safety  
Office Safety  
Bloodborne Pathogens  
Confined Space  
Driving Safety  
Electrical Safety/Arc Flash  
Ladders/Scaffolds  
Personal Protective Equipment  
Hazardous Communication  
Fall Protection  
Mold, Lead, Asbestos  
HAZWOPER 24\*  
HAZWOPER 40\*  
HAZWOPER 8-hour Refresher  
OSHA 10-hour Construction  
OSHA 10-hour General Industry\*  
OSHA 30-hour Construction\*

## Professional Development

Communication, Presentations  
Sexual Harassment Prevention  
Discipline, Hiring, Termination  
Violence in the Workplace  
Word, Excel, PowerPoint, Outlook  
Customer Service  
Financial Management  
Leadership, Coaching  
Business Management  
Process Improvement  
Quality Control  
Sales, Business Development

## Codes & Standards

Americans with Disabilities Act - ADA  
American Society of Heating, Refrigerating, and Air-Conditioning Engineers - ASHRAE  
International Building Code - IBC  
International Energy Conservation Code - IECC  
International Green Construction Code - IgCC

International Fire Code - IFC  
International Plumbing Code - IPC  
International Mechanical Code – IMC  
National Electrical Code - NEC

## Facility Management

Asset Management  
Maintenance Management  
FM Fundamentals  
BIM for Facility Managers  
Property Management  
Groundskeeping  
Custodial  
Healthcare  
Restaurant & Hospitality

## Green/Energy

Energy Efficiency  
LEED v4 Building Design & Construction  
LEED v4 Operations & Maintenance  
LEED v4 Interior Design & Construction

## Project Management

Documentation/Reports  
Microsoft Project  
Contracts  
Planning/Scheduling  
Budgets  
Time Management  
Quality Control  
Risk Management

## Basic Workplace Skills

Equipment and Tools  
Rigging  
Workplace Math

## Electronics

Basic Electronics  
Boolean Algebra  
Circuits  
Devices  
Electronic Test Equipment  
Numerics  
Power Suppliers

## Instrumentation & Control

Pneumatics  
Basic Instrumentation Diagrams  
Instrumentation  
Process Controls - Continuous Process  
Process Controls – Foundation

Process Controls – Networks  
Process Controls – PLCs

## Mechanical Maintenance

Industrial Pneumatic Technology  
Bearings  
Compressors  
Fans  
Gears  
Heat Exchangers  
Hydraulics  
Lubrication  
Mechanical Power Transmission  
Pipes and Valves  
Piping and Auxiliaries  
Pumps  
Refrigeration  
Seals  
Shaft Alignment  
Vibration Analysis  
Welding

## Electrical Maintenance

Basic Electrical Safety  
Basic Electrical Theory  
Circuit Breakers  
Controls - Variable Speed Drives  
Electrical Diagrams  
Electric Motors  
Electrical Components  
Electrical Equipment  
Electrical Maintenance Training  
Electrical Protection  
Electrical Schematics  
Electrical Wiring  
Generators  
Test Equipment

## Civil Engineering

Land Development  
Erosion, Drainage  
Streets, Parking  
Environmental  
Wastewater , Hazardous Waste  
Stormwater

## Mechanical Engineering

HVAC  
Refrigeration  
Indoor Air Quality  
Fuel & Combustion Systems

ASHRAE  
Energy Conversion  
Electric Motors  
Pipes, Pumps

## Electrical Engineering

Arc Flash, NFPA 70E  
NEC Code  
Alternative Energy  
Energy Efficiency  
Lighting  
Power Generation & Distribution  
Microgrids  
Transformers  
Solar/Photovoltaics  
Electric Motors  
Data Centers

## COMPETENCY ASSESSMENT TOOL

Using thousands of questions cross referenced to RedVector courses, our competency assessments identify the skills gaps between your employees' existing knowledge, skills and abilities vs. their development goals. Assessments and corresponding reports are efficiently delivered online and individualized training curriculums can be automatically assigned to correct skills deficiencies.