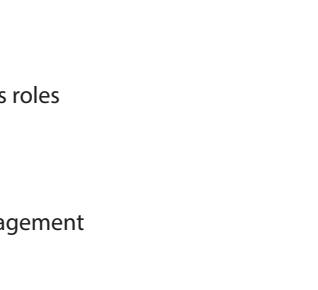




Certified Data Centre Facilities Operation Management (CDCFOM)®

www.gaqm.org



Certification Overview

The Certified Data Centre Facilities Operations Manager (CDCFOM)® certification is designed to validate a professional's knowledge and understanding of data centre facilities operations, infrastructure management, and operational best practices. The program covers critical areas such as power and cooling systems, physical infrastructure, capacity planning, risk management, business continuity, safety, and regulatory compliance. CDCFOM® equips participants with a structured framework to manage data centre environments efficiently while ensuring high availability, reliability, and operational resilience.

The certification emphasizes both technical and managerial aspects of data centre operations. It enables professionals to understand how facilities, people, processes, and technology work together to support business objectives. Through its comprehensive modules, CDCFOM® helps candidates develop the ability to optimize operational performance, control costs, manage vendors, ensure safety and security, and support service continuity in modern, distributed, and high-density data centre environments.

The CDCFOM® certification has no formal prerequisites, making it accessible to aspiring and experienced professionals alike. It is suitable for individuals looking to build or strengthen their careers in data centre facilities and operations management, including engineers, operations staff, supervisors, and managers. By earning the CDCFOM® credential, professionals demonstrate their commitment to industry best practices and their capability to manage mission-critical data centre facilities in line with organizational and business requirements.

Target Audience

The Certified Data Centre Facilities Operations Manager (CDCFOM)® certification is designed for professionals involved in the operation, management, and maintenance of data centre facilities. This program is ideal for:

Data Centre Facilities Managers and Operations Managers
Data Centre Engineers (Electrical, Mechanical, HVAC, and Civil)
Facility and Infrastructure Managers

Critical Facilities and Site Operations Professionals

Data Centre Technicians and Supervisors

IT Infrastructure Managers working closely with facilities teams

Network, Systems, and Platform Engineers transitioning into data centre operations roles

Building Management System (BMS) and DCIM Professionals

Consultants and Auditors involved in data centre operations and compliance

Professionals aspiring to build a career in data centre facilities and operations management

What Modules are covered?

Module 1 - Data Centre Fundamentals

Evolution of Data Centres
Types of Data Centres (Enterprise, Colocation, Cloud, Edge)
Key Components of a Data Centre

Data Centre Functions and Operations Overview

Roles and Responsibilities of a Facilities Operations Manager

Module 5 - Data Centre Safety, Security, and Fire Protection

Physical Security Controls
Access Control Systems
CCTV and Monitoring Systems

Fire Detection and Suppression Systems

Health, Safety, and Compliance Standards

Module 2 - Data Centre Infrastructure

Physical Infrastructure Overview

Raised Floor vs Non-Raised Floor Designs

Power Distribution Systems

Cooling and Environmental Systems

Structured Cabling Systems

Module 6 - Operations, Maintenance, and Monitoring

Preventive vs Predictive Maintenance

Standard Operating Procedures (SOPs)

Monitoring Tools and DCIM

Incident and Problem Management

Change and Capacity Management

Module 7 - Business Continuity and Disaster Recovery

Business Continuity Planning (BCP)

Disaster Recovery Strategies

Redundancy and Fault Tolerance

Backup and Restore Processes

Testing and Audit of DR Plans

Module 8 - Energy Management and Sustainability

Energy Efficiency Metrics (PUE, DCiE)

Green Data Centre Concepts

Renewable Energy Integration

Carbon Footprint Reduction

Regulatory and Environmental Compliance

Module 9 - Vendor, Compliance, and Risk Management

Vendor and Contract Management

SLAs and Performance Metrics

Risk Assessment and Mitigation

Compliance Standards (ISO 27001, ISO 22301, Uptime Institute)

Audit and Documentation Practices

Module 10 - Data Centre Operations Management and Leadership

Operational Governance

Team Management and Shift Operations

Cost Optimization and Budgeting

Reporting and KPIs

Future Trends in Data Centre Facilities Management

Module 11 - Capacity Planning and Asset Management

IT and Facilities Capacity Planning

Space, Power, and Cooling Capacity Analysis

Asset Lifecycle Management

Inventory Management and Documentation

Capacity Forecasting and Growth Planning

Module 12 - Data Centre Audits, Compliance, and Continuous Improvement

Internal and External Data Centre Audits

Compliance Readiness and Gap Analysis

Documentation and Record Management

Continuous Improvement Models

Preparing for Certifications and Regulatory Reviews