GAQM®

Global Association for Quality Management

Certified Data Centre Specialist (CDCS) ™

Course Outline

What Modules are covered?

Module 1 – Fundamentals of Security

1) Physical Security
2) Identifying assets
3) Physical Security Identification Methods and Devices
4) Other Physical Security Methods
5) Overall Considerations for Physical Security
6) Control Access
7) Risk Tolerance versus Cost
8) Evaluation

Module 2 – Fundamentals of Power

1) Introduction
2) Key Terms
3) Electrical Load
4) Power Types
5) Powers Factors
6) Power System Failures
7) Circuit Breakers and Outlets
8) Physical security measures
9) Power Distribution Components

Module 3 – Generator Management

1) Identifying Main Components
2) Standby Generators
3) Internal Combustion Engine
4) Filters
5) Grounding
6) Voltage Regulator
7) Regulations
8) Switchgear and Distribution
9) Maintenance Measures

Module 4 – Cooling Layouts for Data Center

1) Introduction
2) Types of Cooling System
3) Air Distribution System
4) Data Center Heat Removal Approaches
5) Air Cooled Self-Contained Systems
6) Water Systems
7) Mounting Types
8) Cooling Arrangements
9) Technology Compaction
10) Rack Arrangements

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