

DCCS Data Centre Cleaning Specialist

Introduction to Data Center Cleaning

- The main reasons for failure in a data center
- Why dust and dirt is a problem in a data center
- The main sources of contamination
- The cost of a data center failing

Data Center Standards

- What data center standards exist
- Other bodies which influence data center design and management
- What these standards and organisations say about environmental quality in data centers
- What filters should be in place to reduce dust and debris

Data Center Layouts

- What a data center is
- The different types of data center
- How are computer rooms laid out
- Why are they arranged in certain ways
- The different rooms and spaces in a data center
- Why we need ventilation
- Types of racks
- The construction of raised floors

How to clean a data center

- What to do before you start
- Daily Clean, Monthly clean and Annual clean
- The best cleaning sequence – what order to clean in
- Sizing the computer room from an IT requirement
- Cleaning products and equipment
- Working safely around fire systems
- Working with raised floors
- Exceptional cleaning after incidents
- Reporting, test and certification

Security and Health and Safety

- Risk assessments
- COSHH Control of Substances Hazardous to Health
- Working with risks and hazards
- Access permission
- Specific risks in data centers
- Incident Reporting

Emergency and Exceptional Cleaning

- Exceptional Cleans
- Cleaning after fire suppression gas release
- Cleaning after aerosol powder fire suppression release
- Dealing with floods
- Dealing with Oil Spills

- Understanding batteries and dealing with Battery Acid Spills
- Dealing with Zinc Whiskers