



IT Cleaning Ltd

POST CONSTRUCTION SCOPE OF WORKS

IT Cleaning Ltd provides specialist **post-construction Data Centre, Data Hall and Server Room cleaning**, including technical cleaning, floor-void cleaning and ISO 14644-1 Class 8 particle testing and reporting.

Remove construction contamination before the IT equipment becomes the filter.

Assuming you mean a **Scope of Works (SOW)** for post-construction technical cleaning based on the contamination shown:

Scope of Works

Post-Construction Data Hall Technical Cleaning

1. Objective

To remove residual **post-construction particulate contamination** from the Data Hall and associated IT infrastructure prior to operational handover.

The objective is to leave all accessible surfaces free from visible dust and particulate contamination and, where specified, validate airborne cleanliness against **ISO 14644-1 Class 8**.

2. Areas Included

The technical clean will include all accessible areas within the agreed Data Hall, including:

- Raised access floor surface
- Accessible floor void
- IT cabinets and racks
- Internal cabinet framework
- Cable management systems
- Cabinet tops, bases and side panels
- Accessible cable trays
- PDUs and associated infrastructure
- CRAC/ACU external surfaces

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- Containment structures
- Accessible horizontal and vertical surfaces
- Other identified particulate deposition areas

Particular attention will be given to **horizontal surfaces within cabinets and cable management**, where fine construction particulate can accumulate and subsequently become re-entrained into the cooling airflow.

3. Cleaning Methodology

Cleaning will be undertaken using equipment and materials appropriate for critical IT environments.

The methodology will include:

HEPA Vacuuming

Loose particulate contamination will be removed using specialist HEPA-filtered vacuum equipment to minimise redistribution of fine particles.

Controlled Surface Cleaning

Accessible surfaces will be cleaned using low-moisture technical cleaning methods and suitable lint-free/tacky wiping materials.

Cleaning will be undertaken systematically **from high level to low level** to prevent previously cleaned areas from being re-contaminated.

Cabinet Cleaning

Internal rack framework, cable management and accessible cabinet surfaces will be individually cleaned to remove deposited construction particulate.

4. Contamination Control

During cleaning, measures will be taken to minimise the re-entrainment and migration of particulate contamination.

Where appropriate, **HEPA-filtered air scrubbers** may be deployed to capture airborne particulate disturbed during the cleaning process.

5. IT Equipment

Internal cleaning of installed servers, switches, storage equipment or other electronic hardware is **not included unless specifically identified within the quotation**.

Where construction contamination is identified within installed IT equipment, this will be reported to the client and specialist internal equipment cleaning can be undertaken as an additional scope.

6. Inspection

Following completion, accessible surfaces will be visually inspected for residual particulate contamination.

Any areas failing the inspection will be recleaned prior to final handover.

7. ISO 14644-1 Testing

Where included within the agreed scope, airborne particle testing will be undertaken following completion of cleaning.

The Data Hall will be assessed against:

ISO 14644-1 – Class 8

Testing will provide objective measurement of airborne particulate concentrations within the environment rather than relying solely upon visual cleanliness.

8. Reporting

Following completion, IT Cleaning Ltd will provide appropriate documentation, which may include:

- Cleaning completion report
- Photographic evidence
- Identification of contamination or infrastructure anomalies
- Airborne particle test results
- ISO 14644-1 Class 8 certification where applicable

9. Client Requirements

Prior to commencement of the final technical clean:

- Major construction activities should be complete.
- Cutting, drilling, sanding and other dust-generating activities should have ceased.
- Construction waste and gross debris should have been removed.
- A suitable builders clean should have been completed.
- Access to all areas included within the scope should be available.

Any construction activity undertaken following the technical clean may result in **recontamination of the controlled environment** and could require additional cleaning before final validation.

Completion Standard

The Data Hall will be left with **all accessible surfaces free from visible dust and particulate contamination**, with airborne particulate cleanliness validated to **ISO 14644-1 Class 8 where specified**.

IT Cleaning Ltd

Specialist Data Centre & Critical IT Environment Cleaning
Established 2002