

CLEANROOM CLEANING

UK 2024



INTRODUCTION TO MICRONCLEAN

MICRONCLEAN ARE A WELL-ESTABLISHED MANUFACTURER AND SUPPLIER OF CLEANROOM PRODUCTS AND SERVICES, SUPPORTING THE LIFE SCIENCES SINCE 1981.

Micronclean have led the way in garment processing for ISO4 / Grade B GMP environments for over 30 years, serving key sectors such as Life Sciences, pharmaceuticals, and healthcare, including the NHS.

This offering has been extended through the manufacture and supply of a wide scope of products and accessories to support cleanroom environments and operators on gowning, cleaning procedures and first aid, catering to the specific needs of industries like pharma, therapeutics, and healthcare.

The Micronclean portfolio of branded cleanroom products provides a complete range of validated consumables for ISO4 to ISO8 environments as well as for support and laboratory areas.

In addition to this portfolio, Micronclean have developed a number of specially tailored services to help customers achieve compliance in their controlled environments; one of the most called upon services being that of Cleanroom Cleaning.

Micronclean's dedicated Cleanroom Cleaning team has been maintaining controlled environments since 2010, serving a variety of clean industries including Pharmaceutical, Life Sciences, Healthcare, Medical Devices, Aerospace, Semiconductor, Optical/Laser, Laboratory, Veterinary and Universities.

The services that we offer provide customers with:



01. Assurance of environmental compliance to GMP guidance and regulatory standards such as Annex 1 of EU GMP.
02. Improved environment performance and reduced maintenance costs.
03. An audit ready facility in time for external review & internal validation.
04. Service reporting.
05. Fully documented process for compliance with ISO9001 & 14001.

The cleaning teams are specifically trained to understand cleanroom compliance and environmental decontamination.

Our cleanroom cleaning department has held the ISO 9001 certification since 2013 and welcomes customer audits.



CLEANROOM CLEANING SERVICES

THE MICRONCLEAN SERVICE IS SEGMENTED INTO THREE DISTINCT CATEGORIES, EACH FULLY TAILORED TO THE NEEDS OF THE CONTROLLED ENVIRONMENT AND THE EXACT CUSTOMER REQUIREMENTS.



DECONTAMINATION CLEANS

The Decontamination Clean is specifically designed to remove heavy bioburden, large amounts of particulate, and to rapidly increase the performance and cleanliness of the controlled environment.

This level of clean can be applied during or after any cleanroom construction or renovation project, following a major spill or within any environment that requires indepth and sustained attention; especially for soil removal and particulate build up.

It also applies to post-shutdown cleaning and any decontamination after planned and/ or emergency maintenance, and is especially useful prior to inspection, audit or validation.



ROUTINE CLEANS

Regular cleans are designed to help maintain an already stable and fully functional facility. This type of clean is carried out in accordance with your own cleaning regime and methods and is designed to help maintain good practice within a cleanroom.

This category of clean is carried out at a regular interval whether weekly, bi-weekly, monthly, bi-monthly etc., and can be carried out within your own time parameters or those established after consultation as being appropriate for your needs. Cleaning can be carried out in accordance with your own gowning and transfer methodology.



EMERGENCY CLEANS

Micronclean has a fully trained GMP national team they can call on for 'Emergency responses' and have absence cover from day one due to a contingency resource within the national team.

TESTIMONIAL

ROBERT WALTER
Technical Manager

MTIF has used both Micronclean's laundry services and their cleanroom cleaning services for a number of years. We have found both the company and the employees who come to site to be professional, friendly, efficient and very accommodating to changes in scheduling. MTIF has recently opened another facility that is currently rented to a third party. This facility has both GMP cleanrooms and laboratories. When the new tenant requested a deep clean at short notice so that they could start manufacturing, Micronclean went beyond what could be reasonably expected - during the holiday season - to provide a service that subsequently successfully met not only the qualification requirements but also exceeded our clients expectations.



MTIF
Medical Technologies
Innovation Facility

SUPPORT SERVICES

ALL CLEANING SERVICES ARE FULLY SUPPORTED BY STRINGENT QUALITY ASSURANCE AND VALIDATED DOCUMENTATION.

Each service begins with a thorough understanding of your specific requirements, followed by a complimentary site survey to assess the environment. From this foundation, we conduct a detailed cleaning audit to identify areas for improvement and develop a tailored cleaning plan. Our trained professionals then execute the cleaning with precision, adhering to stringent Standard Operating Procedures (SOPs). Upon completion, a comprehensive Clean Record is provided, ensuring full transparency and documentation of the process.

01. FREE SITE SURVEY

A complimentary, comprehensive survey of your site is conducted to assess the current conditions and tailor the cleaning process accordingly.

02. CLEANING AUDIT

An in-depth audit is performed to identify any weaknesses in your existing cleaning practices, followed by actionable recommendations for improvement.

03. CLEANING PLAN

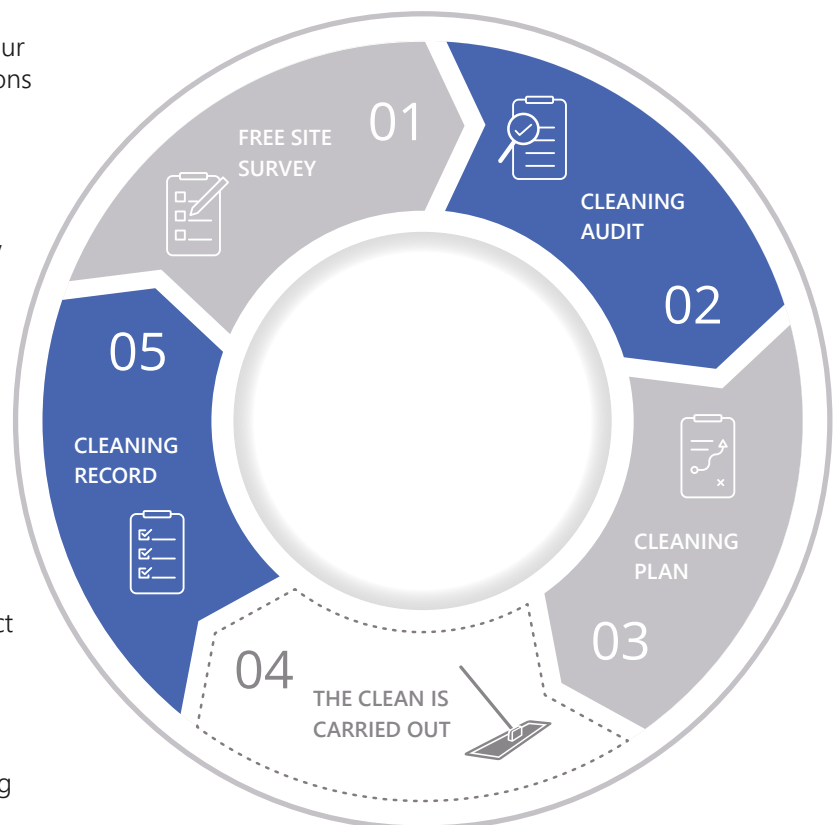
A customised cleaning plan is developed, ensuring compliance with GMP and regulatory requirements while minimising disruption to your operations.

04. THE CLEAN IS CARRIED OUT

Our trained operators execute the cleaning according to the agreed plan, adhering to strict SOPs to meet the highest quality standards.

05. CLEANING RECORD

Upon completion, a detailed Clean Record is issued, documenting all aspects of the cleaning process and any deviations, ensuring full transparency and traceability.



Besides the services mentioned above, Micronclean offers specialised testing, including microbiological and air particulate analysis, to verify and document the effectiveness of our cleaning processes.

MICROBIOLOGICAL TESTING SERVICE (PRE/POST CLEAN)

Micronclean offer a range of microbiological testing in order to verify cleaning. Micronclean transport all samples to an independent microbiological laboratory for analysis. The laboratory is audited on a regular basis by UKAS and customers from cleanroom industries including pharmaceutical and biotechnology, ensuring test systems remain in line with current best practice.

AIR PARTICULATE TESTING

This service can be offered pre and post clean to analyse the impact of the cleaning service. This test uses disturbance methodology to analyse particle settlement as well as airborne particulate, and measures the count before and after, demonstrating the reduction and documenting the current room performance. Air particulate testing will also help to highlight whether your environment is meeting specifications and if your filtration is performing.

HOW DO YOU CLEAN?

ARE YOUR HIGHLY PAID SCIENTISTS CLEANING? IS THIS TRULY CHEAPER THAN OUTSOURCING?

Asking scientists to clean affects morale, they do not view themselves as cleaners.

Scientists are not trained cleaners, which increases the risk of ineffective cleaning and re-cleaning if environmental standards are not met.

The financial cost is overpayment, loss of production time, recruitment and outsourcing if not cleaned adequately.

CAN YOUR LAB AFFORD TO LOSE UP TO 22% OF ITS PRODUCTION TIME TO IN-HOUSE CLEANING EVERY YEAR?

Type of Clean	Number of Cleans per Year	Hour to Clean	Number of Cleaners	Total Hours per Year	Number of Days	% of Cleaning Days by Type of Clean
Quarterly	4	4	4	64	8	9.8
Monthly	8	4	2	64	8	9.8
Weekly	40	2	2	160	20	24.5
Daily	365	1	1	365	46	55.9

Analysis basis

Figures based on lab without a dedicated cleaning team.

Lab is open 365 days/year.

Daily cleans happen every day. Quarterly, Monthly and Weekly are cascaded as required, i.e. a weekly clean will be made redundant by a monthly clean and a monthly clean will be made redundant by a quarterly clean.

Average salary of a PhD Scientist is £46,500.

The cost of replacing and training staff is £7655 (*CIPD 2019 Figures).

USING MICRONCLEAN'S SPECIALISED CLEANROOM CLEANING SERVICES OFFERS SEVERAL ADVANTAGES THAT CAN SIGNIFICANTLY REDUCE DOWNTIME AND IMPROVE OPERATIONAL EFFICIENCY.

COMPLIANCE

Micronclean's services ensure that your cleanroom meets GMP standards after each clean. Micronclean also ensures high standards by using its own specialised cleaning products.

EXPERTISE

Micronclean's cleaning staff are highly trained in cleanroom protocols, techniques, and compliance standards, with a total of over 45,000 hours of cleaning completed in 2023.

IMPROVED EFFICIENCY

Micronclean's experts can complete cleaning tasks more efficiently and thoroughly, leading to less disruption of production schedules. This also means that your employees can dedicate more time and energy to their primary roles, which can increase job satisfaction and boost productivity.

IMPROVED PRODUCTIVITY

Investing in Micronclean's cleaning services sends a message to employees that their time, expertise, and well-being are valued.

COST-EFFECTIVE

While Micronclean's cleaning services may involve some cost, the reduction in downtime, increased production and capacity, and fewer disruptions often lead to a great return on investment. In fact, Micronclean can save businesses significantly more than 22% of production loss typically caused by inefficient in-house cleaning.

Focus on what you do
best and trust your
cleanroom cleaning to the
EXPERTS!

For more information, please contact cleanroomcleaning@micronclean.co.uk or call +44 (0)1754 767 377

Roman Bank | Skegness | Lincolnshire | PE25 1SQ | UK
T: +44 (0)1754 767 377
E: sales@micronclean.co.uk
W: www.micronclean.com

