



Micronclean Guide

to getting your cleanroom operational

Three Key Factors to consider as you think about making your cleanroom operational

After you have specified your cleanroom, you then need to consider how you are going to clean and operate it.

1. How are you going to clean your cleanroom after it is built?

Your cleanroom will require post construction cleaning for validation purposes and post equipment installation cleans before production can start. How are you going to manage that?



2. How are you getting your staff into your cleanroom?

How many staff will you have?

:: When you designed your cleanroom, you will have considered its classification and the number of people who you expected to work in it. This may have changed over time.

For everyone who works in the cleanroom you will need to

:: Provide the correct cleanroom clothing for all your staff, which will depend on the grade of cleanroom you are operating.

:: Advise on gowning technique and rules.

:: Implement rules to control make up and jewellery which can contaminate your cleanroom.

:: Provide lockers in which to store clothing.

Depending on what you are manufacturing you might also have to consider taking special steps to control electrostatic discharge.

You might also have thought of using disposable cleanroom clothing when a laundered reusable garment service could be more environmentally friendly.



3. How are you going to keep your cleanroom clean?

Once your cleanroom is operational you will also need to consider how you are going to keep it clean.



:: If your cleanroom is concerned with pharmaceuticals/nutraceuticals then you will be controlling bacteria and spores which would lead you look at detergents and rotational disinfectants.

:: If you are running a manufacturing cleanroom then your concern will be towards particulates only and then an alcohol-based regime might be more beneficial.

:: Your cleanroom classification will restrict what you can choose to control particulate loads i.e., a Tub wipe might not be suitable for use in an ISO 4 Cleanroom.

:: You will need an efficient regular cleaning regime as contamination can build up quickly within the cleanroom and can easily be transferred to your product.

Micronclean can provide professional and authoritative advice on all the areas highlighted above based on over 50 years continued service of the cleanroom contamination control market. This will allow you access to dedicated cleanroom cleaning service, a nationwide cleanroom garment service and a range of own brand cleanroom consumables backed by our own in-house technical department.

As a result, our fully trained Business Development Managers will work with you to develop a tailored, efficient and cost-effective solutions for your exact cleanroom needs.



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