

CASE STUDY For Hospital Clean Room

PROBLEM:

A large mid-western hospital was trying to reduce the microbial levels in their In-Vitro Fertilization "Class 5" clean room. The hospital was constantly struggling to maintain the microbial levels that met the standards for their clean room classification.

SOLUTION & RESULTS:

The Technology was installed throughout the 6000 sq. ft. clean room area. Before and after air sampling and surface and swab tests were taken in several areas throughout the clean room.

Lab results showed that after installing the Technology, the airborne particulate levels were reduced between (94% - 98%) in the tested areas. This significant net reduction allowed the clean room to maintain adequate particulate levels to meet their test protocol standards.

Surface swab tests showed surface microbial levels were also reduced between (92% - 97%) in the tested areas. This significant reduction allowed the clean room to maintain adequate microbial levels to meet their test protocol standards.

The Lead Test Engineer remarked, "We are very pleased with the results that we have achieved with the Technology. This allows us to control bio-burden levels and keeps us in compliance with our clean room standards".

Lab Test Engineer, Hospital

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