

# CLEAN ROOM APPLICATIONS

## Particle & Odor Control

### The Challenge

A new chemical introduced into the manufacturing process was creating odor issues for the employees working in clean rooms and adjoining spaces that shared the same air handling system. The noxious odor needed to be contained or eliminated to improve the indoor air quality and working conditions for the employees.

### The Solution

The GPS-iBAR® needlepoint bipolar ionization system was installed in the air handling system that treats the clean room's air.



**89.7%**  
**PARTICLE**  
**REDUCTION**  
**+ODOR ELIMINATED**  
**IN 24 HOURS**



### The Results

The odors were eliminated within 24 hours of the GPS-iBARs' installations. Additionally, the annual clean room certification process revealed that the total particle count was reduced by 89.7%. This new low particle count was the lowest the manufacturer had experienced in 10 years.

**GPS**®

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