

Cleanroom Solutions

A Customized, Turnkey Approach



Stark Equipment's Cleanroom Solutions Group is a single source agent providing comprehensive turnkey solutions with design and engineering expertise for spaces inside and outside the cleanroom. Bringing more than 50 years of experience in the cleanroom space, our team customizes solutions with a single pane look at efficiency, risk management, coordination and ownership.

Turnkey Solutions | MEP Design & Engineering Services | Single Source Agent

Stark unifies diverse experts, ideas, and propriety technologies to drive total facilities optimization. Together, our mission is to reduce waste and address the challenges building owners face when optimizing critical facilities.

Integration

- Building Automation
- Energy & Power Management
- Security & Protective Systems
- Fire & Life Safety

Intelligence

- Building Analytics
- Utility Monitoring
- Commodity Advisors
- Command Center

Equipment

- Applied HVAC
- Critical HVAC
- Critical Power
- Boilers

Ceiling Systems

- Ceiling - Standard, Walkable
- Fan Filter Units
- Lighting - LED, Troughs, Panels, Teardrops
- Terminal HEPA & ULPAs
- Blank Panels

Air Supply/ Treatment

- Heating/Cooling
- Humidification/ Dehumidification
- Pressurization
- Control Valves
- Controls

Wall Systems

- Modular
- Stickbuild / Furring System
- Windows
- Returns
- Doors

Flooring

- Laminate
- Overlays
- Raised Flooring
- Epoxy

Power

- Generators
- Automatic Transfer Switches
- UPS Systems
- Utility & Electrical Monitoring

Specialized Equipment

- Passthroughs
- Gowning Equipment
- Complete Disposable Offerings

Strategic Partners



Power Conditioning | Precision Temperature & Humidity Control Lines | vertiv.com



Complete Cleanroom Offerings | Walls Ceilings | Passthroughs | walkairusa.com



Emergency Standby Power Generation generac.com



Ceiling Systems | Grid | Fan Filtration Units gordon-inc.com



Dehumidification | Air Quality Control munters.com



Ceiling Systems | Fan Filtration Units ajmfg.com



Humidification | Air Quality Control dristeem.com



Ceiling Systems | Fan Filtration Units Air Supply Treatment | trioniaq.com



Custom Air Handling Units | Air Quality Control | airenterprises.com



Submicron Filtration healthway.com



Air Supply Treatment | Controls criticalroom.com



Cleanroom Materials | Static Control bennettbennett.com



Wall Systems | Walls | Specialized Equipment Passthroughs | minitecframing.com



Cleanroom Materials yourcleanroomsupplier.com



Wall Systems | Walls | Specialized Equipment Passthroughs | simplex.is



Flooring - Raised Systems johnpendergastconsulting.com



Wall Systems | Walls | Specialized Equipment Passthroughs | starrco.com



Flooring gerflor.com



Wall Systems | Walls webbcore.com



Epoxy Flooring stonhard.com



Wall | Ceiling | Passthroughs Doors - Interlude | dagard.com



Lighting Solutions paramountlighting.com



Lighting Solutions gogreenledinternational.com

ISO 1544-1 Cleanroom Classifications

Class	FED STE 209-E	Maximum Particles / m ³						Air Change/hr
	Equivalent	>=0.001	>=0.2mm	>=0.3mm	>=0.5mm	>=1mm	>=5mm	ACH
ISO 1		10	2					
ISO 2		100	24	10	4			
ISO 3	Class 1	1000	237	102	35	8		360-540
ISO 4	Class 10	10000	2370	1020	352	83		300-540
ISO 5	Class 100	100000	23700	10200	3520	832	29	240-480
ISO 6	Class 1,000	1000000	237000	102000	35200	8320	293	150-240
ISO 7	Class 10,000				352000	83200	2930	60-90
ISO 8	Class 100,000				3520000	832000	29300	5-48
ISO 9	Room Air				35200000	83200000	293000	