

Name \_\_\_\_\_ Date \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

## Section 1: Cleanroom Data

Occupancy Date: (Best Guess)

Project Description: (Please attach a basic sketch of your space if you can)

Cleanroom Type:

Softwall       Rigidwall       Hardwall

Cleanroom Process:

Cleanroom Classification - Class Room particle classification based on ISO 14644-2:

	ISO Class	Federal Standard	ACH
ISO 4 - <input type="checkbox"/>	4	Class 10	600-667
ISO 5 - <input type="checkbox"/>	5	Class 100	267-480
ISO 6 - <input type="checkbox"/>	6	Class 1,000	200-233
ISO 7 - <input type="checkbox"/>	7	Class 10,000	67-100
ISO 8 - <input type="checkbox"/>	8	Class 100,000	37

Dimensions (LxWxH) - Feet of Desired Cleanroom:

Temperature - Room temp specifications in Fahrenheit / include acceptable range:

Light Level - Lighting levels in footcandles measured at 30" from floor:

Lighting Color - If ultraviolet light is to be avoided do to photosensitive process, define desire wave length cut off. Please note if colored lamps (CL) or lamp shields (LS) are preferred:

Exhaust CFM - Define maximum concurrent exhaust air volume from each room. If applicable, indicate how much exhaust is solvent (S), acid (A), or general (G):

Process Heat - Indicate maximum process heat in BTU's or power consumption in KW. A process equipment matrix will be helpful. Please indicate if a diversity factor (DF) is to be applied. (Diversity equals % of equipment loads operating at the same time.):

Personnel - Define the max number of individuals in the room at one time:

Floor Material:

- |   |  |
|---|--|
| <input type="checkbox"/> Perforated raised flooring | <input type="checkbox"/> Nonconductive |
| <input type="checkbox"/> Seamless Vinyl             | <input type="checkbox"/> Antistatic    |
| <input type="checkbox"/> Epoxy Paint on concrete    | <input type="checkbox"/> Conductive    |
| <input type="checkbox"/> Existing Floor will remain | <input type="checkbox"/> Other:        |

Preferred Panel Surface & Core Materials:

Number of doors in grid - Please specify if they are single or double. Also, if sliders are automatic or manual:

Is a Static Elimination Ceiling System required?

Yes

No

Sound Level - Please specify in DBA or NC:

Phone System - Please specify the number of telephone conduits or empty junction boxes will be needed:

T-Bar Dimension - Suspended Ceiling inverted T-Grid must be 1.5" or 2". Nominal 1" T-Grid is acceptable for non-rated rooms.

(T-Grids are typically clear anodized aluminum, but other coatings are available on request):

Fire Rating - Please specify if any walls require fire rating. If applicable, indicate rating in hours (RIH) and height to deck (HTD):

Vibration Requirements - Please specify any and all Vibration Requirements:

Design Concept - Please specify if there is a preferred design concept. Additionally, if airflow requirements will affect the overall design please list details here:

Additional Notes:

## Section 2: Plant and Utility Data

Floor to roof height:

Truss depth:

Truss spacing:

Truss loading capacity available (Pounds per square foot (SPSF)):

If needed, can cleanroom equipment be supported from existing roof structure?

Yes

No

Conditions outside the Plant - Summer High and Winter Low. Wet, Dry or combination:

Altitude:

Will the cleanroom need a sprinkler system?

Yes

No

Special utilities required:

- |   |  |
|---|--|
| <input type="checkbox"/> Vacuum System            | <input type="checkbox"/> Pass-thru boxes |
| <input type="checkbox"/> High-velocity air shower | <input type="checkbox"/> Shoe Cover      |

Is chilled water available - Assumed to be within 10' of cleanroom:

- |                              |                             |
|------------------------------|-----------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|------------------------------|-----------------------------|

Is hot water available - Assumed to be within 10' of cleanroom:

- |                              |                             |
|------------------------------|-----------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|------------------------------|-----------------------------|

Is steam available - Assumed to be within 10' of cleanroom:

- |                              |                             |
|------------------------------|-----------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|------------------------------|-----------------------------|

Is Natural Gas available - Assumed to be within 10' of cleanroom:

- |                              |                             |
|------------------------------|-----------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|------------------------------|-----------------------------|

Is electric available - Assumed to be within 10' of cleanroom:

- |                              |                             |
|------------------------------|-----------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|------------------------------|-----------------------------|

Must construction and service personnel be union members:

- |                              |                             |
|------------------------------|-----------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|------------------------------|-----------------------------|

Lift truck available:

- |                              |                             |
|------------------------------|-----------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|------------------------------|-----------------------------|

Distance from loading dock to installation site:

### Section 3: Certification Services

Testing standards to be followed:

- ISO 14644-1
- ISO 14644-2
- ISO 14644-3

Cleanroom services needed:

- |   |                                   |
|---|-----------------------------------|
| <input type="checkbox"/> "As Built" performance testing | <input type="checkbox"/> Humidity |
| <input type="checkbox"/> Particle count                 | <input type="checkbox"/> Light    |
| <input type="checkbox"/> Temperature                    | <input type="checkbox"/> Sound    |
| <input type="checkbox"/> Vibration                      | <input type="checkbox"/> Other:   |