

Room Data Sheet - Microbiology 1

General Information

Project Name:	Sample Project	Group:	Microbiology
Project Number:	2009-001	Contact:	Department Head
Date:	1/16/2009	Future Occ:	6
Issuance:	Draft	Lab Modules:	11 x 11
Room Name:	Microbiology 1	Area (USF):	1089
Department:	QAL	Class:	BSL1
Room Adj:	Microbiology Cold Room, Tissue Culture Room, Sample Management		
Primary Use:	Product testing - QAL Microbiology Lab		
Haz Conditions:	Biological		
Space Type:	Bench Lab		
Comments:	This area is available for room description comments		

Finishes

Floor:	Seamless Sheet Vinyl	Wall Protection:	Acrylic Corner Guard	Windows:	Aluminum, UV Window Film
Base:	Integral	Doors:	Vision Panel, Sidelight, Swing, Aluminum	Ceiling:	Vinyl or Mylar Coated ACT
Walls:	GWB w/ Latex Enamel Paint	Door Frame:	Aluminum	Ceiling Height:	10'
Comments:	This area is available for finishes and materials comments.				

Furnishings and Accessories

<u>Casework</u>	<u>Storage</u>	<u>Accessories</u>
<input checked="" type="checkbox"/> Fixed Bench 65 LF	<input checked="" type="checkbox"/> GlassWare Storage 9 LF	<input type="checkbox"/> Chalkboard
<input checked="" type="checkbox"/> Mobile Bench 64 LF	<input type="checkbox"/> Flammable Storage LF	<input checked="" type="checkbox"/> Whiteboard
<input checked="" type="checkbox"/> Upper Casework 32 LF	<input type="checkbox"/> Acid Storage LF	<input checked="" type="checkbox"/> Clock
<input type="checkbox"/> Upper Shelving LF	<input type="checkbox"/> Base Storage LF	<input type="checkbox"/> Fire Extinguisher
<input checked="" type="checkbox"/> Kneeholes 8 #	<input checked="" type="checkbox"/> Biological Waste 3 # Bins	<input type="checkbox"/> Spill Kit
	<input checked="" type="checkbox"/> Cart Storage 6 # Carts	<input checked="" type="checkbox"/> Dirty Glass Pick Up
	<input checked="" type="checkbox"/> Disposables Storage 6 LF	
Benchtop Materials Epoxy Resin		
Casework Materials: Metal		
Comments: This area is available for furnishings and accessories comments.		

Electrical and Communication Requirements

Light Source:	Natural Daylight, LED	Foot Candle (General):	70	Power:	Emergency, UPS, Raceway @ 18" OC, Wall, GFI, Dedicated Circuits			
Light Controls:	Sensor Activated	Foot Candle (Task):	100					
<u>Type</u>	<u>Quantity</u>	<u>Normal</u>	<u>Standby</u>	<u>UPS</u>	<u>Wall</u>	<u>Special</u>	<u>Raceway</u>	<u>Pedestal</u>
120V	100	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
208V - 1Phase		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
208V - 3Phase 20A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
208V - 3Phase 30A	4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electrical Comments: This area is available for electrical comments.								
Communication: Wall Phone, Data, Horn Strobe, LIMS								
Communication Comments: This area is available for communications comments.								

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Structural Requirements

<input type="checkbox"/> Vibration Control	<input type="checkbox"/> Ceiling Mtd Equip	lbs	<input type="checkbox"/> Special Floor Loading	PSF
			<input type="checkbox"/> Recessed Floor	SF

Comments: This area is available for structural comments.

Plumbed Liquids

Lab Sinks: 3#	Sink Materials: Epoxy	Potable: PCW/PHW
Cup Sinks: 0#	Sink Controls: Foot	House DI: Single Sink
Scullery Sinks: 0#		Industrial: No
Floor:		Purified: No
Eyewash: At Each Sink, Tempered, ADA		RO: No Steam:
Shower: ES/EW, Tempered, ADA		Distilled: No Glycol: No

Fixture Comments: This area is available for plumbed fixtures comments.
Liquid Comments: This area is available for plumbed liquids comments.

Plumbed Gas

<input type="checkbox"/>	<u>PSI</u>	<u>Regulator:</u>	<input type="checkbox"/>	<u>PSI</u>	<u>Regulator:</u>	<input type="checkbox"/>	<u>PSI</u>	<u>Regulator:</u>
<input type="checkbox"/> Natural Gas			<input type="checkbox"/> CO2			<input type="checkbox"/> Hydrogen		
<input checked="" type="checkbox"/> Nitrogen	15	Outlet	<input type="checkbox"/> Helium			<input checked="" type="checkbox"/> Compressed Air	90	Room
<input type="checkbox"/> Oxygen			<input type="checkbox"/> Argon			<input checked="" type="checkbox"/> Vacuum	90	Room

Cylinder Supply: High Purity Nitrogen
Comments: This area is available for plumbed gases comments.

Fire Systems

<input checked="" type="checkbox"/> Wet Sprinkler	<input type="checkbox"/> Pre-Action Sprinkler	<input type="checkbox"/> CFH Sprinkler
<input type="checkbox"/> Dry Sprinkler	<input type="checkbox"/> FM200 Sprinkler	

Comments: This area is available for sprinkler comments.

HVAC Requirements

<u>Design Temperature</u>	<u>Design Humidity</u>	
Summer: 72°	Summer: %	ACH: 6-8
Winter: 68°	Winter: %	Noise Criteria Control (dB): 55
<u>Pressurization</u>	<u>Filteration</u>	
<input type="checkbox"/> Positive:	Supply Filter: 30% / 90%	
<input checked="" type="checkbox"/> Negative: Corridor	Exhaust Filter:	
<u>Exhausted Enclosures</u>		
<input type="checkbox"/> CFH Length:	CFH Services:	
<input checked="" type="checkbox"/> BSC Length: 6'	BSC Services: Elec, CA, VAC, N2	BSC Type Class II Type A
<input type="checkbox"/> LAF Length:	LAF Services:	
<input type="checkbox"/> VBSE		
<input type="checkbox"/> Point Exhaust		

Comments: This area is available for HVAC comments.