
GCC ENTERING AND EXITING PROTOCOL FOR INITIAL INSTALLATION

PROCEDURE

M-CC-003 REVISION A

General Description

This protocol specifies the requirements for personnel who enter and exit the GCC during initial installation. It addresses gowning and wiping procedures, as well as the appropriate materials appropriate for use in cleaning.

Materials

- Class 100 cleanroom garments
- Cleanroom approved gloves: VWR nitrile sterile gloves, Ultrapoly pure polyethylene gloves
- Cleanroom wipes: VWR Miracle Wipes, TexWipe Wipes
- Isopropyl Alcohol: 100% IPA
- Contec pre-saturated 30/70 IPA/DI Wipe
- Safety Glasses
- Cleanroom ladder
- Cleanroom tape
- Cleanroom tacky mat
- Ultrastinger Bright Light
- Spectroline UV light

Note: No tools are to be placed on the GCC internal vacuum surfaces. If a tool must be put down, put a cleanroom wipe under the tool.

Gowning Procedure

Follow the procedure in M-CC-P-004 OMEGA EP Cleanroom Gowning/Degowning Procedure.

Material wipe down

Wipe down all tools and materials that will be used to install the GCC with 100% IPA using a TexWipe wipe. After wipe down, inspect the tools and materials for any visual defects. If defects are observed wipe the tool or material again.

O-rings MUST have bright and UV light inspections before being placed into the GCC. If defects are detected re-wipe the o-ring with the method above.

Execution

Note: There must be one individual stationed outside the GCC at all times to assist the workers inside the GCC. This person should assist by inspecting gowning, tools, and provide material handling, so one does not need to exit and enter the GCC multiple times.

1.	Before entry into the vacuum surface of the GCC inspect cleanroom gloves and boots. (If they are visibly dirty, exit the Laser Bay and replace them). Step onto the tacky mat to insure that all debris is off the bottom of the boots. Move multiple times within the tacky mat to remove all debris from the boots. Wipe down the cleanroom garment using a dry Miracle wipe.
2.	Remove the ULO poly sheeting on the open surface of the GCC module.
3.	Perform all necessary installation work in a timely matter.
4.	If a ladder is to be used, completely wipe it down with 100% IPA and a TexWipe, and tape a new clean disposable cleanroom boot over the bottom of each leg with cleanroom tape.
5.	Perform precision wiping of all surfaces using the following methods: <ol style="list-style-type: none">Clean all components that have been handled or touched from top to bottom and from one side to another side using a pre-saturated 30/70 Contec Wipe.Using a clean dry Miracle wipe, dry wipe all components that have been handled from top to bottom and from one side to another side.Repeat step a. and b. two additional times (a total of three)Inspect all surfaces that have been cleaned using the Ultrastinger bright light. If there are visible defects repeat steps a. and b. until all visible defects are

	<p>removed.</p> <p>e. If Bright Light inspection is clean, inspect using the Spectroline UV Black Light. If contamination fluoresce, wipe the fluoresce area with 100% IPA using a saturated Miracle wipe and IPA. UV light inspect again for particles.</p> <p>f. Request an NVR analysis and particle swipes from OMAN group.</p>
6.	Upon exiting the GCC, wrap all open vacuum surfaces with ULO poly sheeting.
	End of Procedure

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Document Release:

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