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FINAL REPORT

Project Code:	PLS03
Client:	PHARMANIAGA LIFESCIENCE SDN BHD
Facility:	ESTABLISHMENT OF PHARMANIAGA HALAL VACCINE MANUFACTURING FACILITY, QUALITY CONTROL LABORATORY, ADMINISTRATIVE BUILDING AND INSULIN MANUFACTURING FACILITY FOR MESSRS PHARMANIAGA LIFESCIENCE SDN BHD (PHASE 1A, 1B, 1C & 2) ("PROJECT").
Report No:	L-PLS03-VP&IF-PR-64-R00
Report Date:	05-Sep-2023
Project Start Date:	15-Feb-2022
Project Completion Date:	05-Sep-2023
Number of Days Worked On-Site	510 days
Report Prepared By:	Siti Nur Nabilah binti Mohd Anuar
Remarks:	Final Report

ESTABLISHMENT OF PHARMANIAGA HALAL VACCINE MANUFACTURING FACILITY, QUALITY CONTROL LABORATORY, ADMINISTRATIVE BUILDING AND INSULIN MANUFACTURING FACILITY FOR MESSRS PHARMANIAGA LIFESCIENCE SDN BHD (PHASE 1A, 1B, 1C & 2) ("PROJECT").

pharmaniaga

PHARMANIAGA LIFESCIENCE SDN BHD
LOT 7, JALAN PPU 3,
TAMAN PERINDUSTRIAN PUCHONG UTAMA,
47100 PUCHONG,
SELANGOR, MALAYSIA



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LUFTER SDN BHD
C-5-05, (5th FLOOR), CAPITAL 3, OASIS SQUARE
NO. 2, JALAN PJU 1A/7A, ARA DAMANSARA,
47301 PETALING JAYA,
SELANGOR DARUL EHSAN.



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1.0 STAKEHOLDER INFORMATION

CLIENT:	PHARMANIAGA LIFESCIENCE SDN BHD LOT 7, JALAN PPU 3, TAMAN PERINDUSTRIAN PUCHONG UTAMA, 47100 PUCHONG, SELANGOR, MALAYSIA
CLEANROOM CONTRACTOR:	LUFTER SDN. BHD. C-05-05, CAPITAL 3 OASIS SQUARE, JALAN PJU 1A/7A ARA DAMANSARA, 47301 PETALING JAYA, SELANGOR DARUL EHSAN.

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2.0 SUMMARY OF WORK PROGRESS REPORT

No.	Scope of Works	Target %	Actual %
1	Kick Off Meeting	100	100
Pre-Site Work			
2	Dilapidation Report Preparation and Submission	100	100
3	Existing As-Build Drawings	100	100
Design Stage			
4	Shop Drawing Preparation, Submission & Approval	100	100
5	Material Preparation, Submission & Approval	100	100
6	DOE Notification and Declaration	100	100
7	Validation Documentation Preparation	100	100
Phase 1			
Phase 1A (Stage 1&2)			
8	Procurement	100	100
9	Equipment/Material Fabrication & Delivery	100	100
10	Site Work – Phase 1A (Stage 1 & 2)	100	100
Phase 1B			
11	Procurement	100	100
12	Equipment Delivery	100	100
13	Site Work – Phase 1B	100	100
Phase 1C			
14	Procurement	100	100
15	Equipment Delivery	100	100
16	Site Work – Phase 1C	100	100
Phase 1 Testing & Commissioning			
17	Testing & Commissioning	100	100
Overall Project Progress Phase 1 (EOT-3)		100	100
Phase 2			
18	Procurement	100	100
19	Equipment Delivery	100	100
20	Site Work – Phase 2	100	100
21	Testing & Commissioning	100	100



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No.	Scope of Works	Target %	Actual %
Overall Project Progress Phase 2 (EOT-3)		100	100
22	Project Closing	100	100
Overall Project Progress Based on Work Schedule till 09-May-2023 (Ref: L-PLS03-VP&IF-WP-R03 (060323))		100%	100

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3.0 FINAL PHOTO

A) QC LAB



Image1: General Chemistry Laboratory (View 1)



Image 2: General Chemistry Laboratory (View 2)

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Image 3: General Chemistry Laboratory (View 3)



Image 4: General Chemistry Laboratory (View 4)

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Image 5: General Chemistry Laboratory (View 5)



Image 6: General Chemistry Laboratory (View 6)

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Image 7: General Chemistry Laboratory (View 7)



Image 8: General Chemistry Laboratory (View 8)

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Image 9: Sterility Room



Image 10: Microbiology Laboratory (View 1)

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Image 11: Microbiology Laboratory (View 2)



Image 12: Microbiology Laboratory (View 3)

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B) VACCINE PLANT



Image 1: Personnel Airlock (View 1)



Image 2: Personnel Airlock (View 2)

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C) INSULIN FACILITY



Image 1: Insulin Plant Corridor (CNC) (View 1)



Image 2: Insulin Plant Corridor (CNC) (View 2)

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Image 3: Insulin Plant Corridor (CNC) (View 3)



Image 4: Insulin Plant Corridor (CNC) (View 4)

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Image 5: Insulin Plant Corridor (CNC) (View 5)

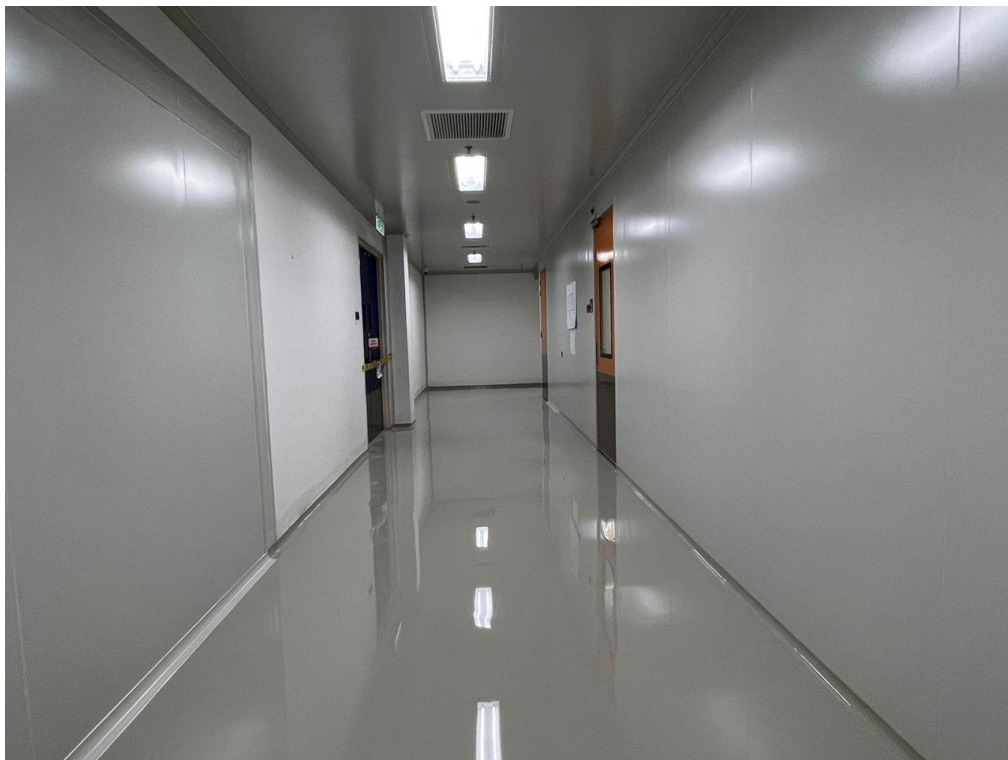


Image 6: Insulin Plant Corridor (CNC) (View 6)

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Image 7: Production Office (View 7)



Image 8: Production Office (View 8)

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Image 9: Material Airlock In / Out (View 1)

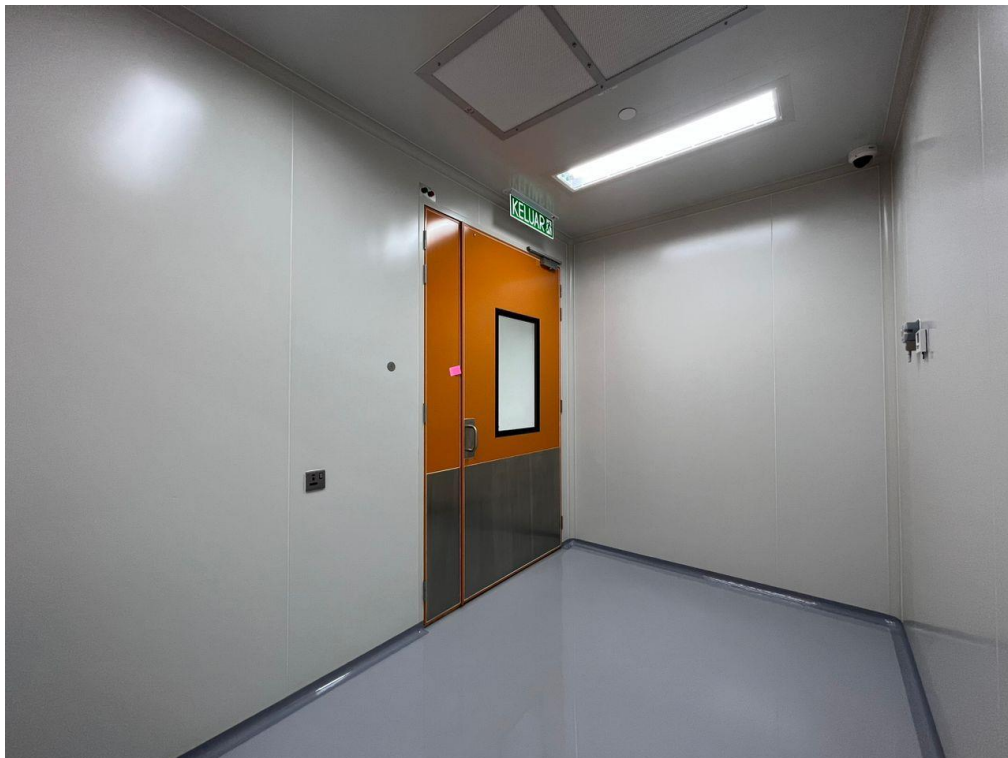


Image 10: Material Airlock In / Out (View 2)

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Image 11: Corridor (Grade C) (View 1)



Image 12: Corridor (Grade C) (View 2)

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Image 13: Component Preparation Room (View 1)



Image 14: Component Preparation Room (View 2)

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Image 15: Component Preparation Room (View 3)

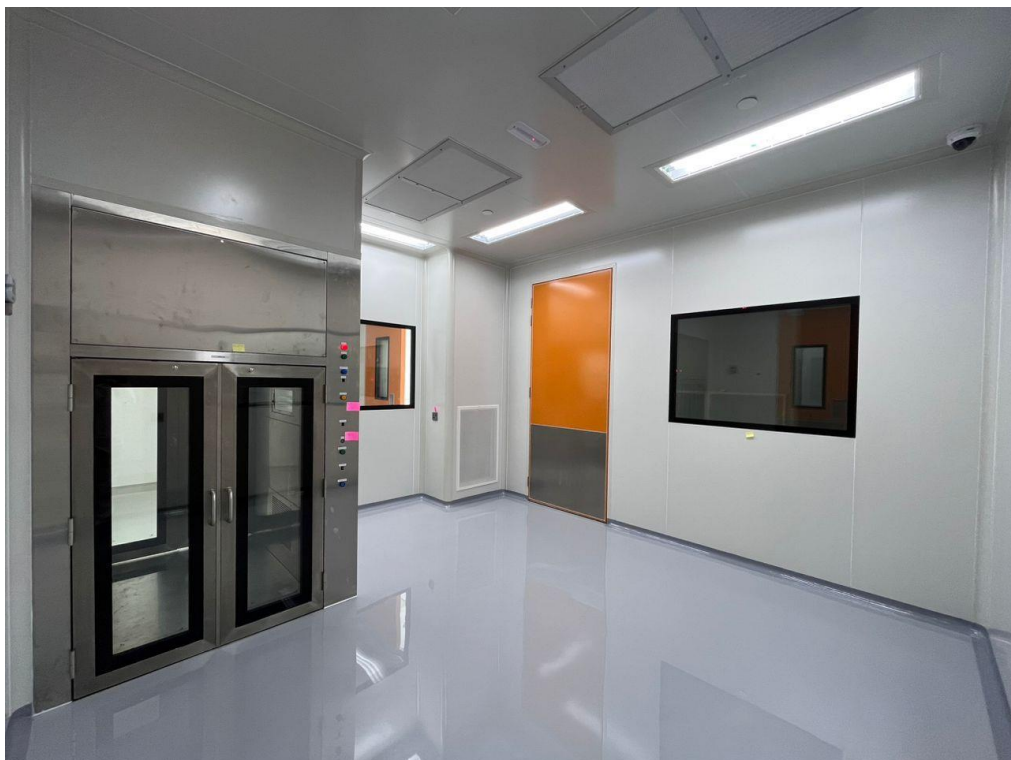


Image 16: Cartridge Collection Room (View 1)

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Image 17: Cartridge Collection Room (View 2)

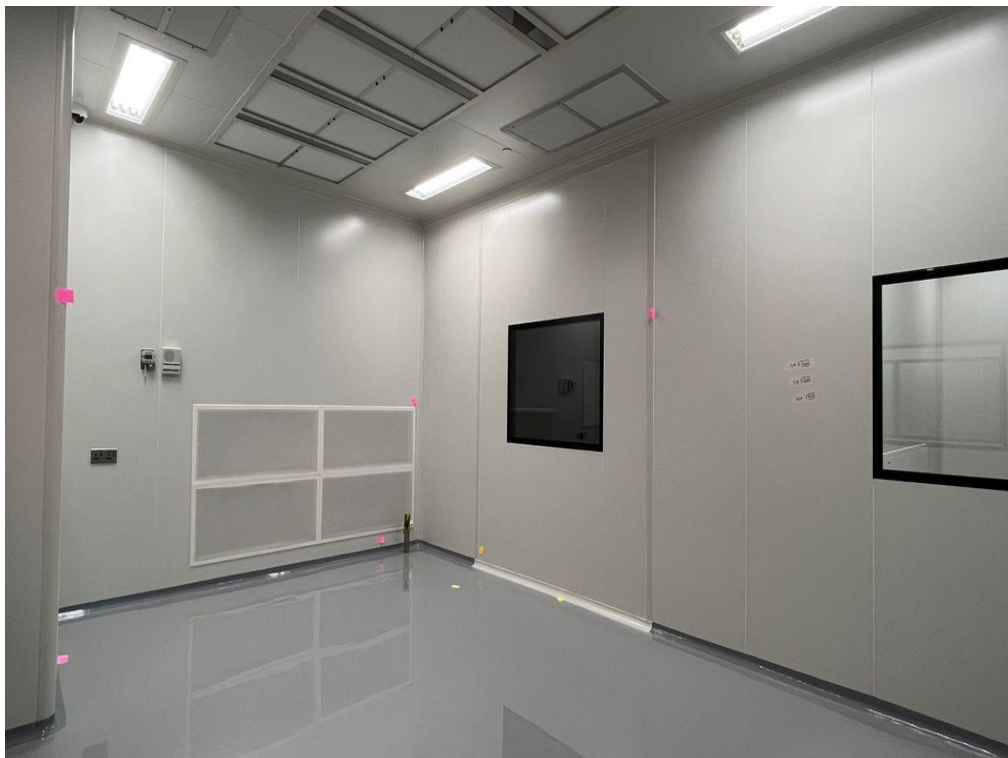


Image 18: Formulation Room (View 1).

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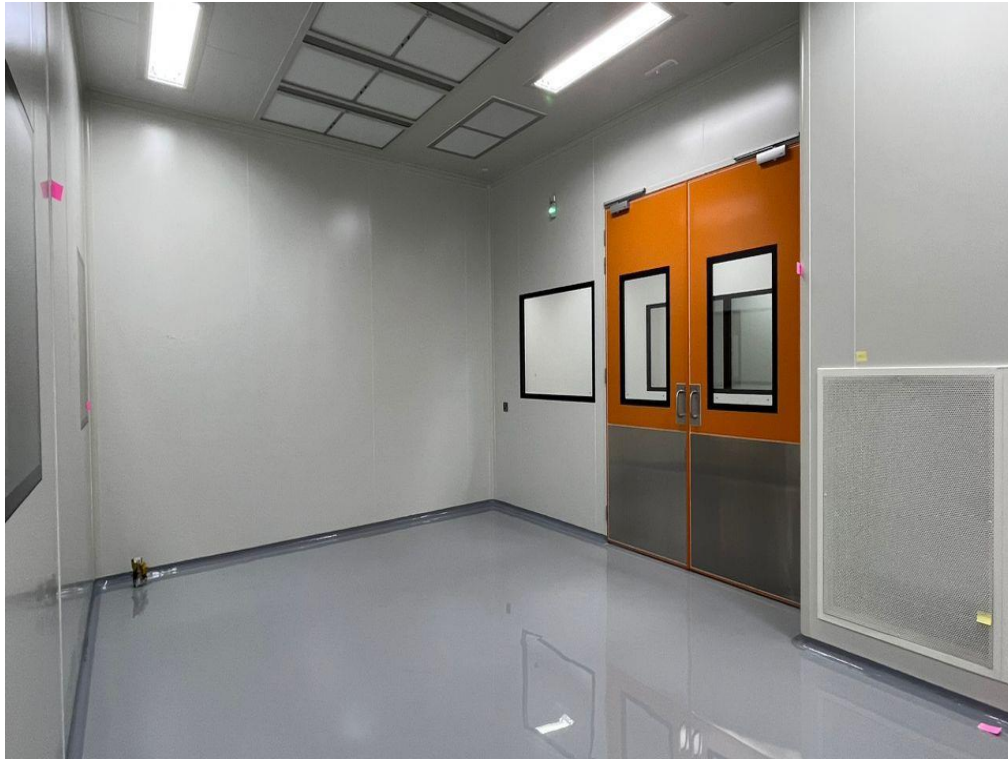


Image 19: Formulation Room (View 2)

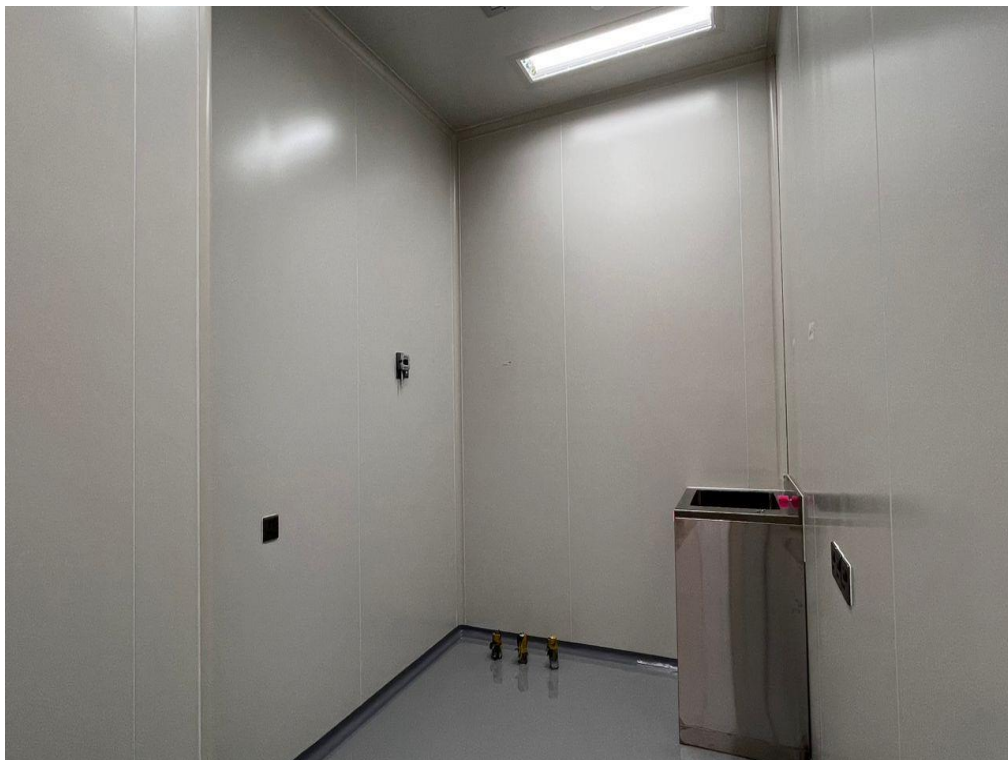


Image 20: Wash Area (View 1)

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Image 21: Wash Area (View 2)

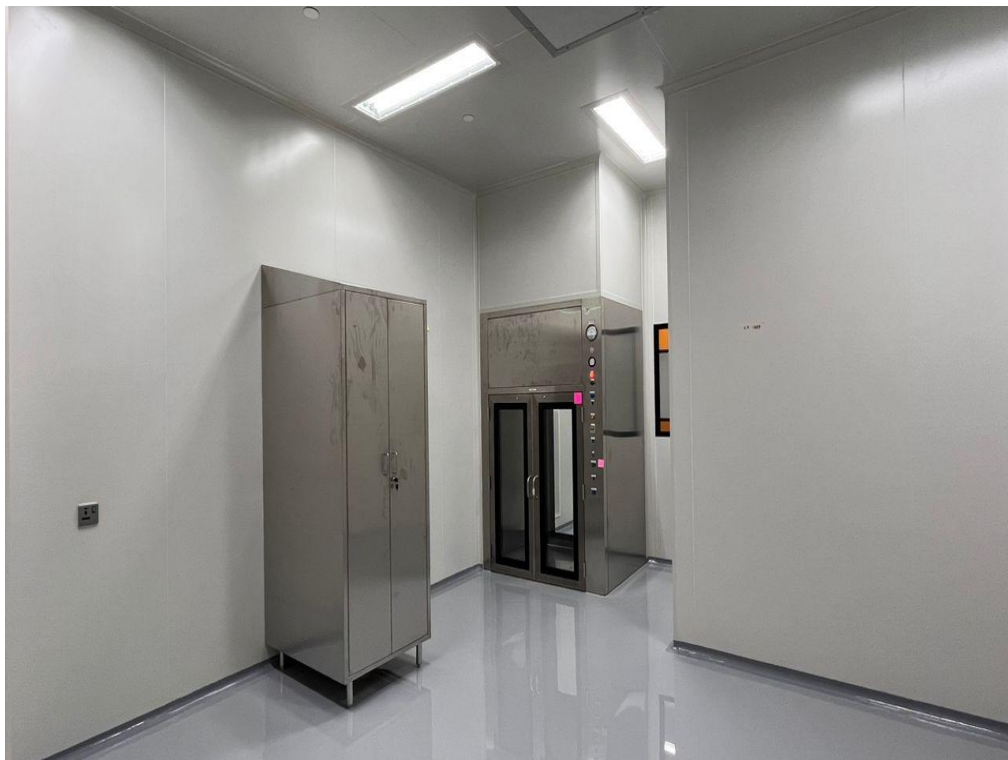


Image 22: Washing / Sterilizing Room (View 1)

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Image 23: Washing / Sterilizing Room (View 2)



Image 24: Washing / Sterilizing Room (View 3)

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Image 25: Technical Space (View 1)

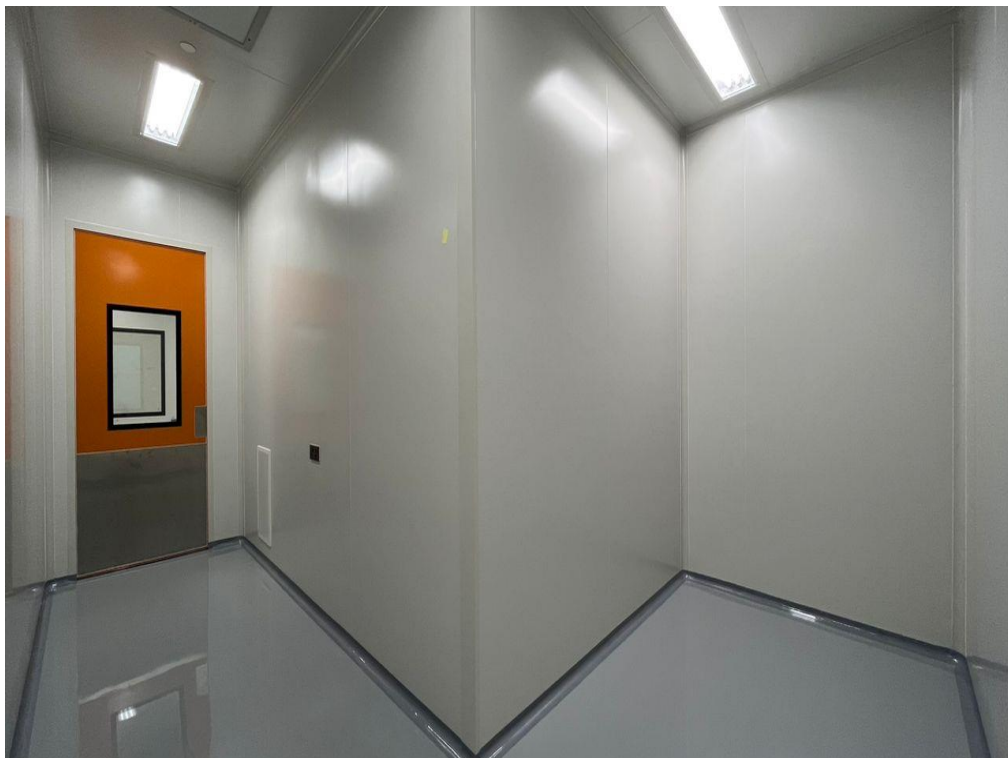


Image 26: Technical Space (View 2)

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Image 27: Dispensary (View 1)



Image 28: Dispensary (View 2).

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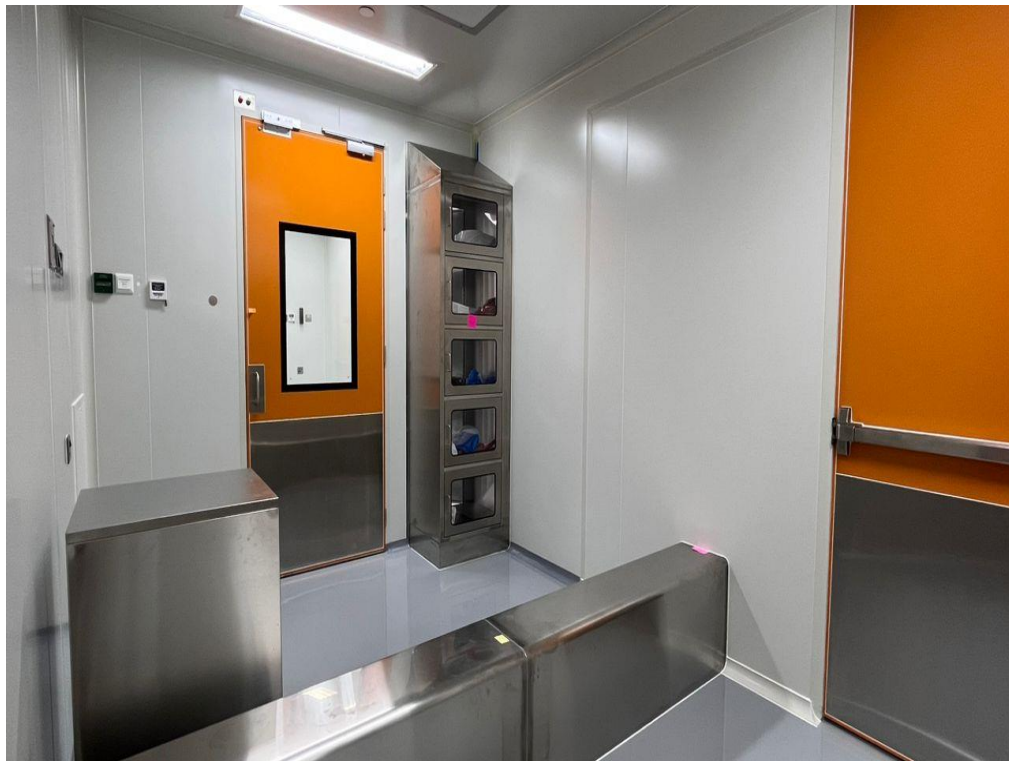


Image 29: Personnel Airlock In 1 (View 1)

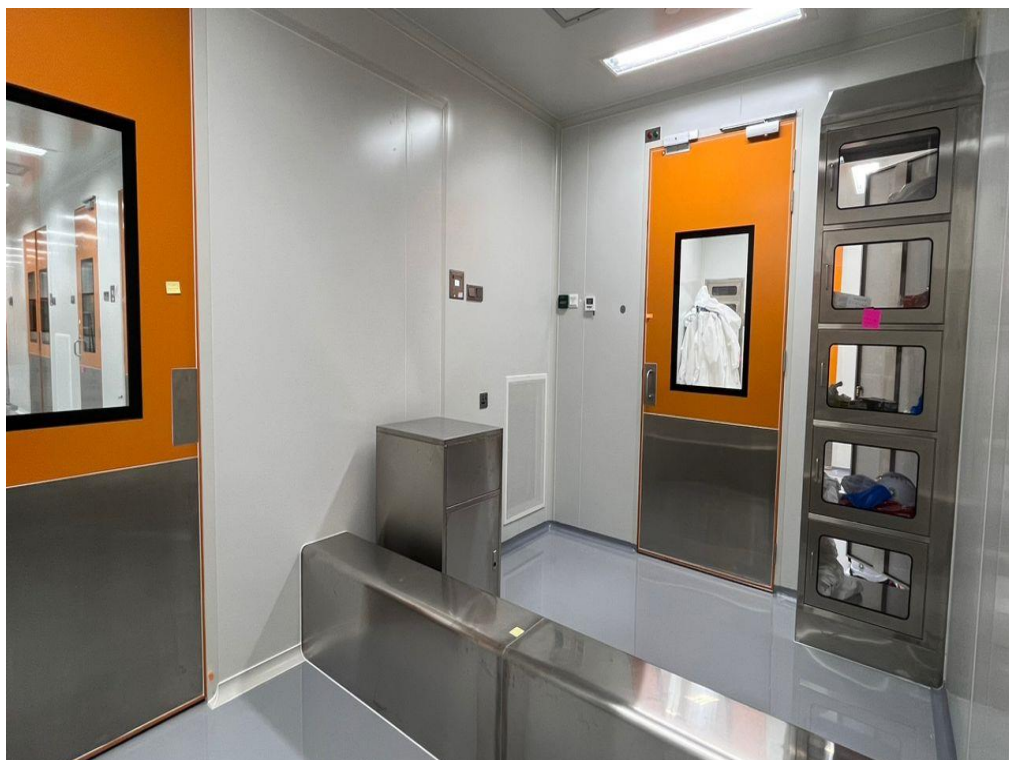


Image 30: Personnel Airlock In 1 (View 2)

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Image 31: Personnel Airlock In 1 (View 3)

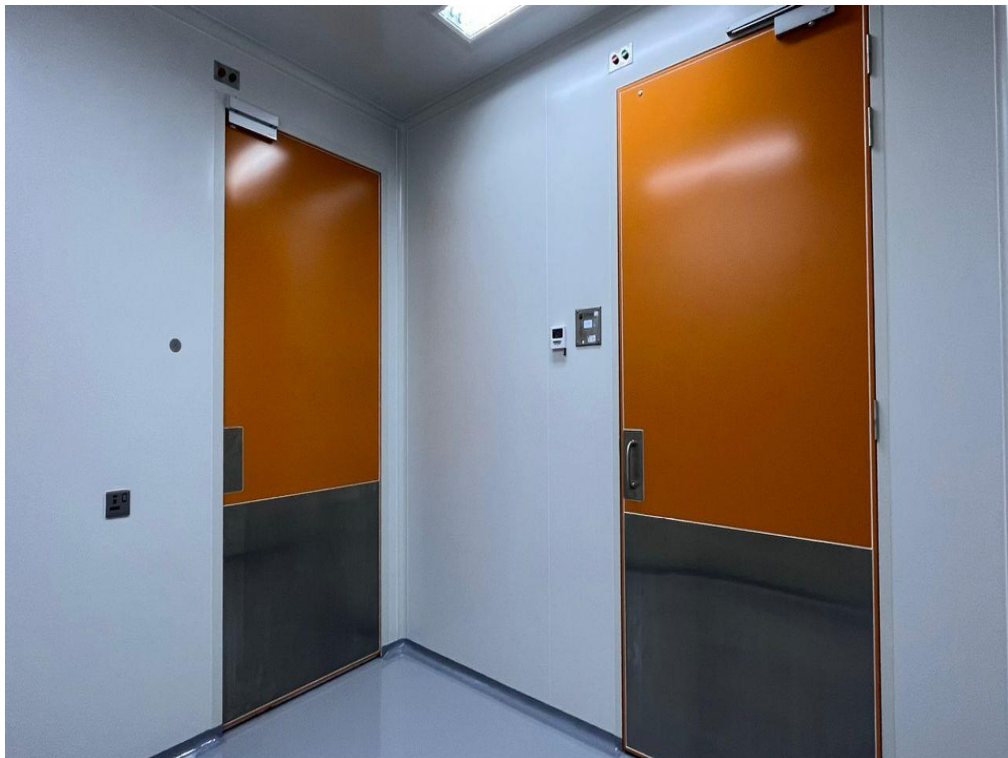


Image 32: Personnel Airlock Out 1 (View 1)

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Image 33: Personnel Airlock Out 1 (View 2)

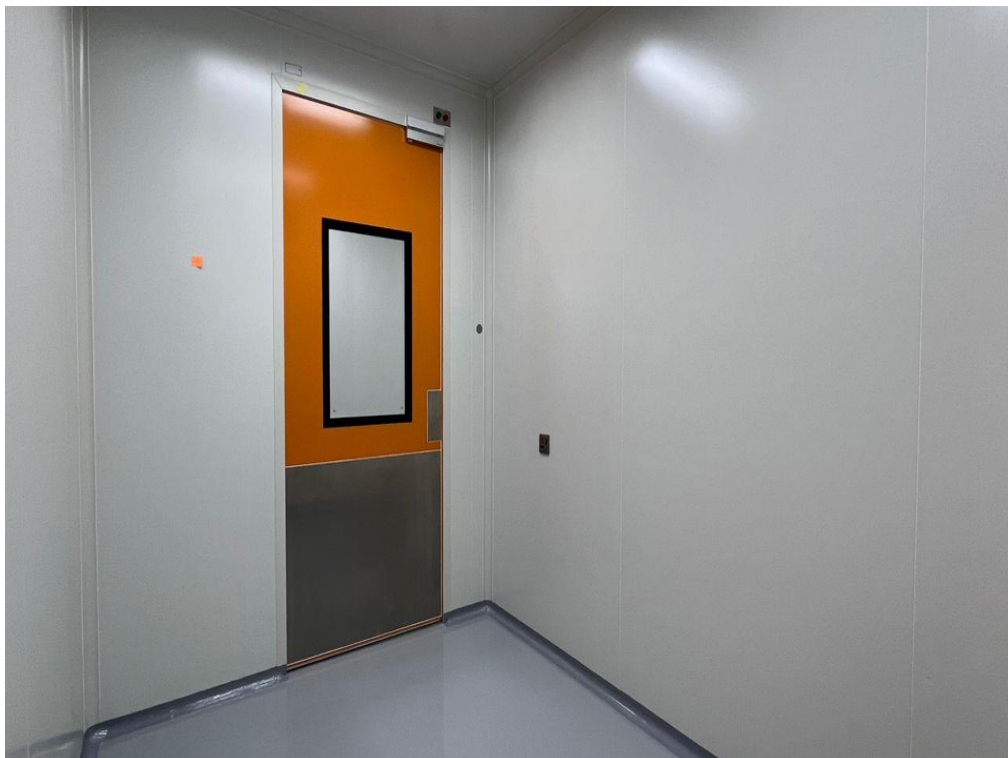


Image 34: Personnel Airlock Out 2 (View 1)

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Image 35: Personnel Airlock Out 2 (View 2)



Image 36: Parts Unloading Room (View 1)

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Image 37: Parts Unloading Room (View 2)

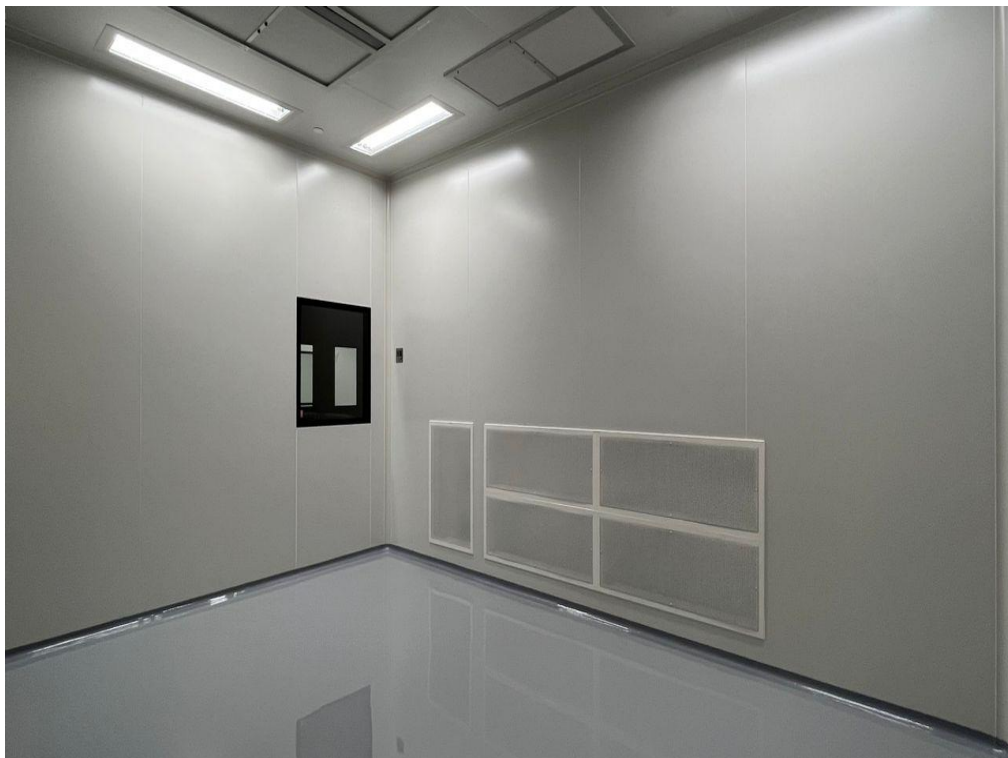


Image 38: Filtration / Incubation Room 1 (View 1)

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Image 39: Filtration / Incubation Room 1 (View 2)

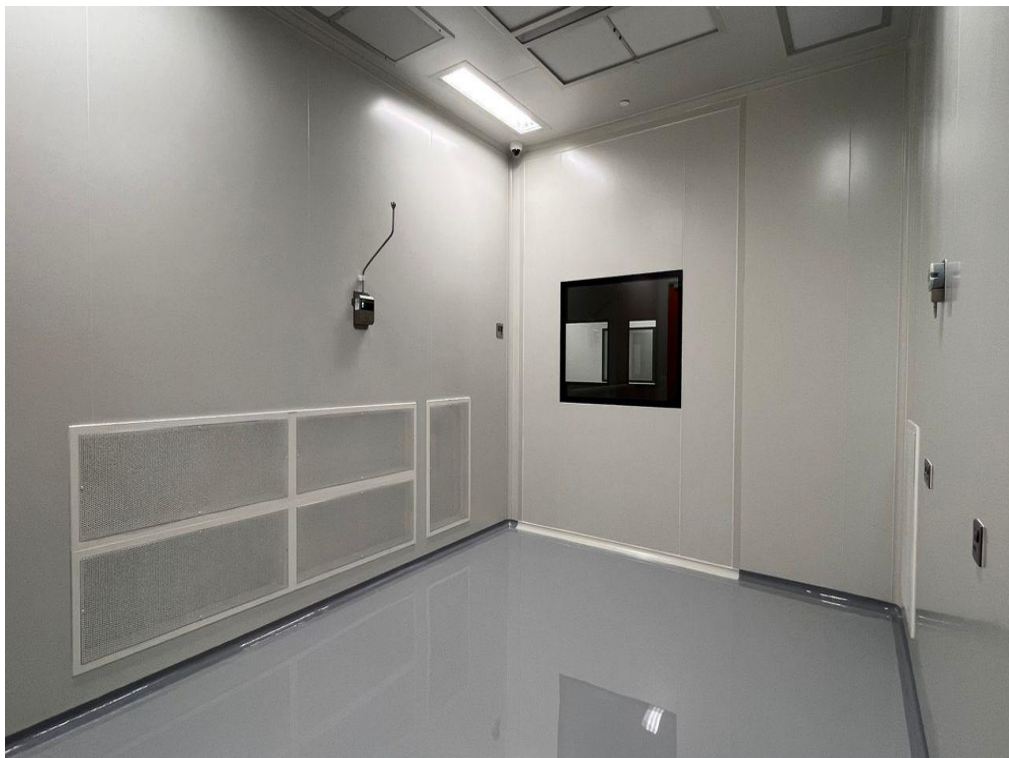


Image 40: Filtration / Incubation Room 2 (View 1)

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Image 41: Filtration / Incubation Room 2 (View 2)

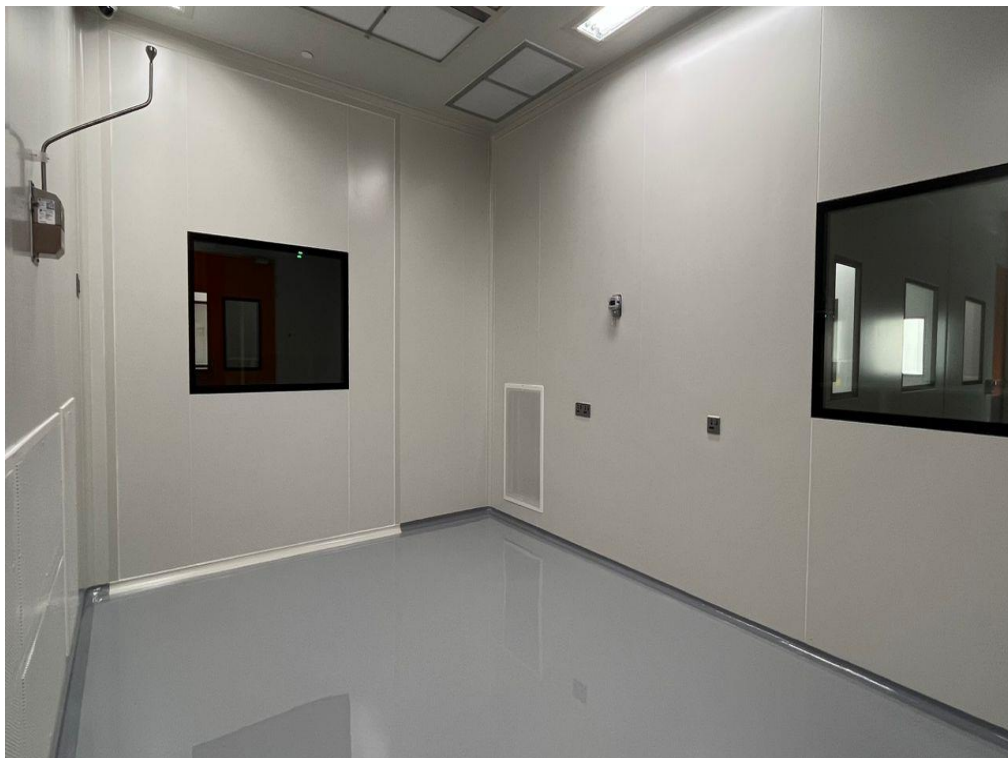


Image 42: Filtration / Incubation Room 2 (View 3)

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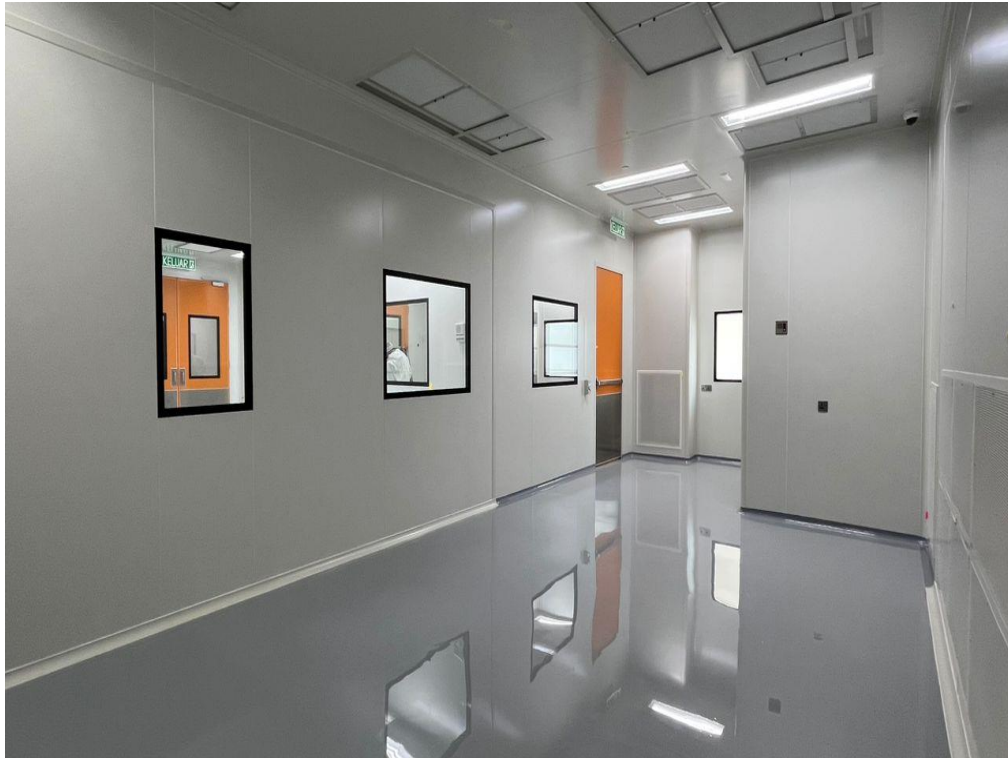


Image 43: Filling Room (View 1)



Image 44: Filling Room (View 2)

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Image 45: Corridor (Grade B) (View 1)

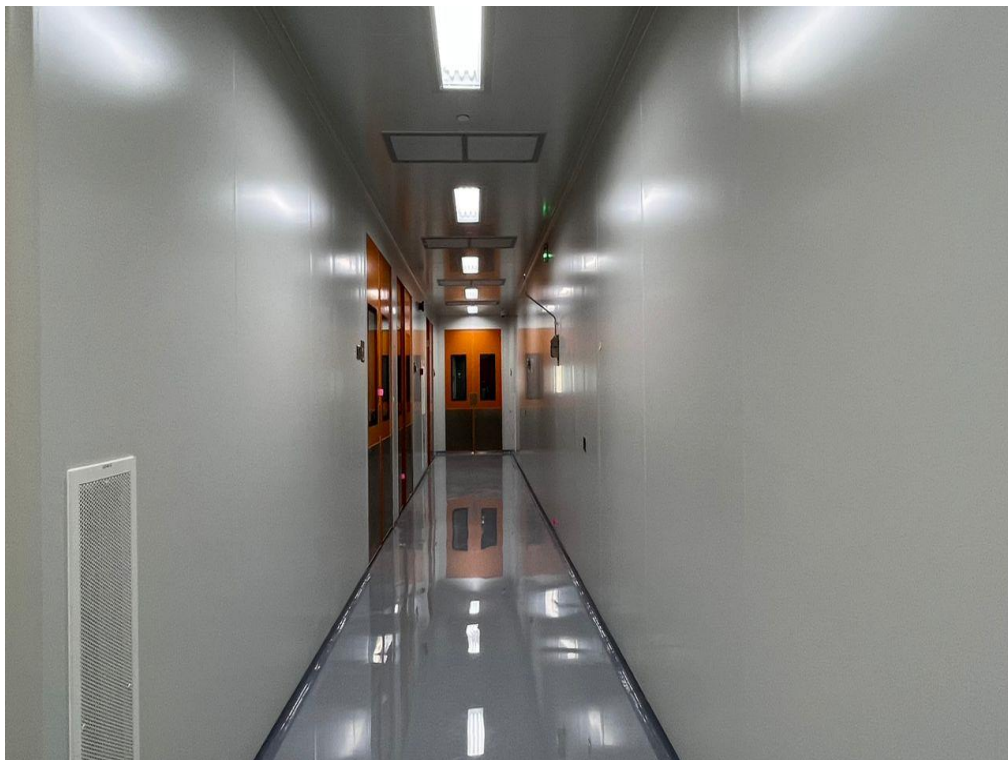


Image 46: Corridor (Grade B) (View 2)

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Image 47: Personnel Airlock In 3 (View 1)



Image 48: Personnel Airlock In 3 (View 2)

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Image 49: Personnel Airlock In 2 (View 1)

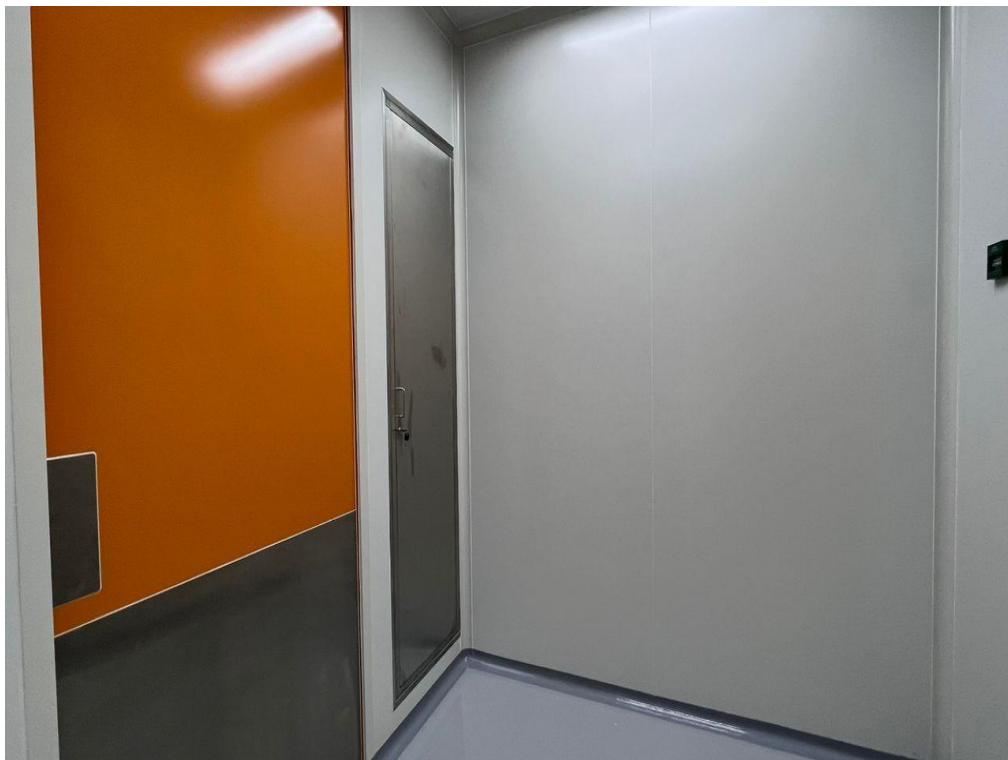


Image 50: Personnel Airlock In 2 (View 2)

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Image 51: Personnel Airlock In / Out (View 1)