



ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

Valitech Lab & Inspection Ltd., Inspection Services

House-211 (4th Floor), Ranavola Avenue Road

Sector-10, Uttara, Dhaka-1230, Bangladesh

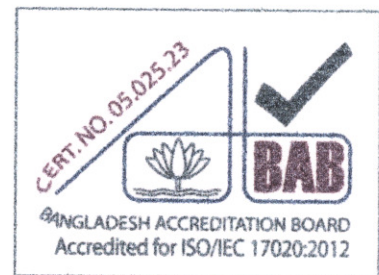
This is to certify that this

Inspection Body(Type-A)

is accredited in accordance with the international standard
ISO/IEC 17020:2012

in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : **05.025.23**
Accreditation Date : **13 July 2023**
Date of Issuance : **13 July 2023**
Date of Expiration : **12 July 2026**




Md. Monwarul Islam
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

SCOPE OF ACCREDITATION

(For Inspection Bodies)

CAB Name & Address: Valitech Lab & Inspection Ltd., Inspection Services
House-211(4th Floor), Ranavola Avenue Road,
Sector-10, Uttara, Dhaka-1230, Bangladesh

Accreditation Standard: ISO/IEC 17020:2012 **Accreditation Date:** 13 July 2023

Certificate Number: 05.025.23 **Issued on:** 13 July 2023

Last Amended on: - **Valid until:** 12 July 2026

Amendment no: -

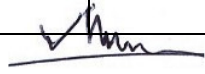
Types : A

Head Office or primary location			Additional Locations (If different from Head Office)		
House-211, Ranabholo Avenue Road, Sector-10, Uttara, Dhaka-1230			1	N/A	
			2	N/A	
			3	N/A	
Type (A,B,C)	Inspection Category (Product, Process, Services or Installation)	Inspection Field (and sub-fields)	Range of inspections	Stage of inspection	Inspection requirements or criteria
A	Service	Room Air Velocity Inspection	0 to 20 m/s (Velocity Method)	On Site	ISO 14644-3:2019
			40 to 4250 m3/h (Flow Hood Method)	On Site	ISO 14644-3:2019
		Air Change Per Hour (ACPH) Inspection (Air Velocity & Air Volume calculation method)	1.For Class A : ACPH Limit 70- Above 2.For Class B: ACPH Limit 40-70 3.For ClassC: ACPH Limit 20-40 3.For Class D: ACPH Limit 5-20	On Site	ISO 14644-3:2019
		Room Filter Integrity Inspection (HEPA/ULPA Filter media & Gasket Leak Test)	i)Maximum particle concentration of 0.01% for filters that can be Scanned ii)Maximum particle concentration of 0.005% for filters that can be Scanned	On Site	ISO 14644-3:2019



Quality Manager

Type (A,B,C)	Inspection Category(Product, Process, Services or Installation)	Inspection Field (and sub-fields)	Range of inspections	Stage of inspection	Inspection requirements or criteria
A	Service	Room Airborne particle count cleanliness inspection	i) For Class 'A'; Maximum concentration limit of 0.5 μ m & 5.0 μ m are 3,520 & 29 e,d,f. ii) For Class 'B'; Maximum concentration limit of 0.5 μ m & 5.0 μ m are 35,200 & 293. iii) For Class 'C'; Maximum concentration limit of 0.5 μ m & 5.0 μ m are 352,000 & 2930. iv) For Class 'D'; Maximum concentration limit of 0.5 μ m & 5.0 μ m are 3520, 0000 & 29300.	On Site.	ISO 14644-1:2015
		Room Recovery Inspection	i)For Class A, Initial and Target Particle Concentration of 0.5 μ m sized Particles are considered as \geq 352,000 and \leq 3,520 Particles/m ³ Respectively. ii)For Class B, Initial and Target Particle Concentration of 0.5 μ m sized Particles are considered as \geq 352,000 and \leq 3,520 Particles/m ³ Respectively. iii) For Class C, Initial and Target Particle Concentration of 0.5 μ m sized Particles are considered as \geq 35,200,000 and \leq 352,000 Particles/m ³ Respectively. iv) For Class D, Initial and Target Particle Concentration of 0.5 μ m sized Particles are considered as \geq 35,200,0000 and \leq 35,20,000 Particles/m ³ Respectively.	On Site	ISO 14644-3:2019

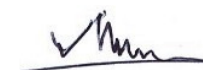

Quality Manager

Type (A,B,C)	Inspection Category(P roduct, Process, Services or Installation)	Inspection Field (and sub-fields)	Range of inspections	Stage of inspecti on	Inspection requirements or criteria
A	Service	Air Flow Visualization Inspection(Air Flow pattern check & visualization record)	Air Visualization by Tracer gas injection method	On Site	ISO 14644- 3:2019
		Room Pressurization Inspection	-50 to 500 Pa	On Site.	ISO 14644- 1:2019
		Light Level Inspection	0.01 lux to 200000 lux	On Site	NEBB:2009
		Sound Level Inspection	30 to 130 dB	On Site	NEBB:2009
		Temperature & Humidity Mapping	-20...60 °C /0...100 %RH	On Site	ISO 14644- 3:2019
		Containment Leak Inspection (Aerosol Photometer	Concentration of 0.01% for Constructions joints, Cracks, Pressurized Ceilings, that can be scanned	On Site	ISO 14644- 3:2019
		Laminar Air Flow	Air Velocity Measurement 0.36 to 0.54 m/s	On Site	ISO 14644- 3:2019
			HEPA Filter Leak Inspection: Concentration of 0.01% for filters that can be scanned and 0.005% which can't be scanned.	On Site	ISO 14644- 3:2019
			Particle Count Inspection For Class 'A'; Maximum concentration limit of 0.5µm & 5.0µm are 3,520 & 29 e, d,	On Site	ISO 14644- 1:2015
			Particle Recovery Inspection: i)For Class A, Initial and Target Particle Concentration of 0.5µm sized Particles are	On Site	ISO 14644- 3:2019



Quality Manager

Type (A,B,C)	Inspection Category (Product, Process, Services or Installation)	Inspection Field (and sub-fields)	Range of inspections	Stage of inspection	Inspection requirements or criteria
A	Service		Particle Recovery Inspection: i) For Class A, Initial and Target Particle Concentration of 0.5µm sized Particles are considered as $\geq 352,000$ and ≥ 500 Particles/m ³	On Site	ISO 14644-3:2019
			Air Flow Visualization Inspection (Air Flow pattern check & visualization record): By Tracer gas	On Site	ISO 14644-3:2019
			Light Intensity Inspection: ≥ 500 Lux	On Site	NEBB:2009
			Sound Level Inspection: NMT 80 dB	On Site	NEBB:2009
		Dispensing Booth, Sampling Booth, Dynamic Pass Box	Air Velocity Inspection 0 to 20 m/s	On Site	ISO 14644-3:2019
			HEPA Filter Leak Inspection: Concentration of 0.01% for filters that can be scanned and 0.005% which can't be scanned.	On Site	ISO 14644-3:2019
			Particle Count Inspection For Class 'A'; Maximum concentration limit of 0.5µm & 5.0µm are 3,520 & 29 e, d, f	On Site	ISO 14644-1:2015
			Air Flow Visualization Inspection (Air Flow pattern check & visualization record): By Tracer gas	On Site	ISO 14644-3:2019
			Particle Recovery Inspection: i) For Class A, Initial and Target Particle Concentration of 0.5µm sized Particles are considered as $\geq 352,000$ and ≥ 500 Particles/m ³	On Site	ISO 14644-3:2019
			Light Intensity Inspection: ≥ 400 Lux	On Site	NEBB:2009



Quality Manager

Type (A,B,C)	Inspection Category (Product, Process, Services or Installation)	Inspection Field (and sub-fields)	Range of inspections	Stage of inspection	Inspection requirements or criteria
A	Service		Sound Level Inspection: NMT 80 dB	On Site	NEBB:2009
		Bio-Safety Cabinet, Fume Hood	Air Velocity Inspection 0.36 to 0.54 m/s	On Site	ISO 14644-3:2019
			HEPA Filter Leak Inspection: Concentration of 0.01% for filters that can be scanned and 0.005% which can't be scanned.	On Site	ISO 14644-3:2019 & ASHRAE 110:2016
			Particle Count Inspection For Class 'A'; Maximum concentration limit of 0.5µm & 5.0µm are 3,520 & 29 e, d, f.	On Site	ISO 14644-1:2015
			ii) For Class 'B'; Maximum concentration limit of 0.5µm & 5.0µm are 25,000 & 200.		
			Particle Recovery Inspection: i) For Class A, Initial and Target Particle Concentration of 0.5µm sized Particles are considered as ≥352,000 and ≥500 Particles/m³	On Site	ISO 14644-3:2019
			Air Flow Visualization Inspection (Air Flow pattern check & visualization record): By Tracer gas	On Site	ISO 14644-3:2019
			Light Intensity Inspection: ≥500 Lux	On Site	NEBB:2009
			Sound Level Inspection: NMT 80 dB	On Site	NEBB:2009
		Air Handling unit (AHU), Air Filtration Unit (AFU)	Air Velocity Inspection 0 to 20 m/s	On Site	ISO 14644-3:2019
			HEPA Filter Leak Inspection: Concentration of 0.01% for filters that can be scanned and 0.005% which can't be scanned.	On Site	ISO 14644-3:2019

END



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