



**CERTIFICATE OF COMPLIANCE**



***This is to certify that***

***The Cleanroom at***

***1/F, 266-270 Texaco Road, New Territories, Hong Kong SAR***

***of Ownership***

**Savewo Limited**

***Complies with the Acceptance Criteria of***

***BS EN ISO 14644-1: 2015: Class 7***

***(三期車間, 1/F, 高噪音區, 1/F, 一期車間, 1/F)***

***(Ambient Particle Concentration)***

***As detailed in***

**Test Report No.:** RP2400025      **Date of Certification:** 13/02/2024

**Date of expiry:** 13/02/2025

**Date of issue:** 14/02/2024

**Certified by:**

  
**Ir Donney Man Wai Leung**  
Biosafety Consultant, MSc, MBA, BSc  
NEBB Certified Cleanroom Professional

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## Report On Classification of Air Cleanliness

### Customer Information

Customer : Savewo Limited  
Customer Contact Information : 1/F & 2/F, 266-270 Texaco Road, New Territories, Hong Kong  
Location of Cleanroom : 1/F & 2/F, 266-270 Texaco Road

### General Technical Information

Room No.	ISO Class (N)	EU GMP Grade	Area:
三期車間, 1/F	7	D	573.1 m <sup>2</sup>
高噪音區, 1/F	7	D	48.9 m <sup>2</sup>
一期車間, 1/F	7	D	477.1 m <sup>2</sup>

Room Type : ~~Unidirectional~~ / Non-unidirectional  
Room Status : ~~As built facility~~ / At rest facility\* / ~~Operating facility~~

### Testing Information

Date of testing : 13/02/2024  
Test method : BS EN ISO 14644-1:2015

#### **Required Tests:**

- Airborne particle count

#### **Remarks:**

Mandatory

*\* At rest facility: condition where the cleanroom is complete with equipment installed and operating but with no personnel present.*

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## 1 Determination of Particulate Cleanliness Classification:

Test method : Annex B, BS EN ISO 14644-1:2015

Equipment Used :

<u>Equipment</u>	<u>Equipment I.D.</u>	<u>Brand / Model</u>	<u>Serial No.</u>	<u>Date Calibrated</u>	<u>Date Expired</u>
Discrete Particle Counter	HE-EQ-009-1	Lighthouse / S3100	170204038	03/07/2023	04/07/2024

### Acceptance Criteria:

ISO Class:	Maximum Concentration Limits [particles / m <sup>3</sup> of air]	
	0.5 mm	5 mm
7 (FED Class 10,000)	352,000	2,930

Item	Defined by:	Room No.	Effective Area [m <sup>2</sup> ], A*	N <sub>L</sub>
No. of Sampling Point, N <sub>L</sub>	Table A.1 ISO 14644-1:2015	三期車間, 1/F	573.1	26
		高噪音區, 1/F	48.9	10
		一期車間, 1/F	477.1	26
Particle to be considered, D <sub>n</sub>	As instructed	0.5 µm & 5 µm		
No. of largest particle considered, C <sub>n,m</sub>	5 µm	2,930		
Volume to be sampled**, V <sub>s</sub>	20 / C <sub>n,m</sub> x 1000	6.83 L		
Sampling Flow Rate, Q <sub>cc</sub>	Pre-set	28.3 L/min		
Sampling Duration, T @ each location, round to nearest min.	V <sub>s</sub> / Q <sub>cc</sub>	1 min		
Actual sampled volume	T x Q <sub>cc</sub>	28.3 L		

\* Minimum sampled volume 2 litres with minimum sampling time at each location 1 minute.



**Results:**

**No. of Counted Particles:**

Room	Sampling point	≥ 0.5mm (Particles / m <sup>3</sup> )	Pass / Fail (ISO 7 Limit: 352,000)	≥ 5mm (Particles / m <sup>3</sup> )	Pass / Fail (ISO 7 Limit: 2,930)
三期車間, 1/F	PC1	2137	Pass	261	Pass
	PC2	4322	Pass	332	Pass
	PC3	4216	Pass	213	Pass
	PC4	3061	Pass	426	Pass
	PC5	4232	Pass	433	Pass
	PC6	4327	Pass	213	Pass
	PC7	9725	Pass	493	Pass
	PC8	2436	Pass	147	Pass
	PC9	4923	Pass	473	Pass
	PC10	4233	Pass	461	Pass
	PC11	2412	Pass	322	Pass
	PC12	1347	Pass	167	Pass
	PC13	3962	Pass	413	Pass
	PC14	5216	Pass	294	Pass
	PC15	3244	Pass	415	Pass
	PC16	2167	Pass	323	Pass
	PC17	3293	Pass	416	Pass
	PC18	5263	Pass	762	Pass
	PC19	2633	Pass	214	Pass
	PC20	1673	Pass	197	Pass
	PC21	2731	Pass	243	Pass
	PC22	2366	Pass	242	Pass
	PC23	4923	Pass	517	Pass
	PC24	2413	Pass	176	Pass
	PC25	1349	Pass	262	Pass
	PC26	3213	Pass	427	Pass
一期車間, 1/F	PC27	5273	Pass	274	Pass
	PC28	4324	Pass	519	Pass
	PC29	3273	Pass	236	Pass
	PC30	6427	Pass	351	Pass
	PC31	5191	Pass	425	Pass
	PC32	5446	Pass	176	Pass
	PC33	3214	Pass	362	Pass
	PC34	2753	Pass	261	Pass
	PC35	1907	Pass	212	Pass
	PC36	2119	Pass	241	Pass
	PC37	1432	Pass	98	Pass
	PC38	1942	Pass	1172	Pass
	PC39	46022	Pass	388	Pass
	PC40	3141	Pass	211	Pass
	PC41	2673	Pass	231	Pass
	PC42	4944	Pass	460	Pass
	PC43	2253	Pass	176	Pass
	PC44	2790	Pass	287	Pass
	PC45	6180	Pass	351	Pass
	PC46	4167	Pass	459	Pass
	PC47	2543	Pass	247	Pass

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## Results (Cont'd)

Room	Sampling point	≥ 0.5mm (Particles / m <sup>3</sup> )	Pass / Fail (ISO 7 Limit: 352,000)	≥ 5mm (Particles / m <sup>3</sup> )	Pass / Fail (ISO 7 Limit: 2,930)
一期車 間, 1/F	PC48	1872	Pass	319	Pass
	PC49	5014	Pass	459	Pass
	PC50	4768	Pass	219	Pass
	PC51	954	Pass	76	Pass
	PC52	2613	Pass	389	Pass
高 噪 音 區, 1/F	PC53	3276	Pass	429	Pass
	PC54	2763	Pass	526	Pass
	PC55	4522	Pass	377	Pass
	PC56	2988	Pass	428	Pass
	PC57	3276	Pass	263	Pass
	PC58	3261	Pass	184	Pass
	PC59	3429	Pass	363	Pass
	PC60	5213	Pass	429	Pass
	PC61	4963	Pass	541	Pass
	PC62	5974	Pass	667	Pass

**Compliance with ISO 14644-1: 2015, ISO Class 7: Yes / No**

- Remark : 1. All decision rule of statement of conformity in this report were based on Binary Statement with Simple Acceptance Rule in ILAC-G8: 09/2019, where Acceptance Limit is equal to Tolerance Limit.
2. The test results referred and were valid only to the test sample (cleanliness areas) as stated and the operating conditions when tested.



Tested by : K.W. Wong  
Technical Officer – Cleanroom Certification

Approved Signatory :   
Mr LEUNG Man Wai, Donney  
NEBB Certified Cleanroom Professional

Date : 14 FEB 2024

**\*\* End of Report \*\***