



CERTIFICATE OF COMPLIANCE

ISO 14644-1:2015-6-8

Cleanrooms and Associated Controlled Environments

Date: April 7, 2024

Manufacturer/Distributor
Kentek Corporation
5 Jarado Way
Boscawen, NH 03303 USA

Product Brand: FLEX-GUARD®
Product Tested: 250W Black
Measurement Results:

The screenshot shows a software interface for Particle Measuring Systems. At the top, it displays the date 04/05/2024, time 14:27:14, and a virtual location #01. Below this, it shows a volume of 0.0283 m³ and a checkmark next to #2/2. The main section is titled 'ISO 14644-1: 2015/ISO 7.5' and 'Unassigned/Unassigned'. It contains a table with three columns: μm , LIMIT, and $\Sigma(\text{N}/\text{m}^3)$. The table lists particle sizes from 0.30 to 25.00 μm with their respective limits and concentrations. The concentration for 0.30 μm is 384,045 N/m^3 , and for 25.00 μm it is 35 N/m^3 . The interface also shows '1/26' in the top right corner.

μm	LIMIT	$\Sigma(\text{N}/\text{m}^3)$
0.30	-	384,045
0.50	1,110,000	107,250
1.00	263,000	41,212
5.00	9,250	2,931
10.00	-	530
25.00	-	35



Declaration: Classification of Air Cleanliness by Particle Concentration

PASSED ISO 14644-1:2015-6-8 Class 7.5 Operational

Reference: Airborne Particulate Cleanliness Class Comparison

ISO 14644-1	Federal Standard 209E	
ISO Class	English	Metric
ISO 1	---	---
ISO 2	---	---
ISO 3	1	M1.5
ISO 4	10	M2.5
ISO 5	100	M3.5
ISO 6	1000	M4.5
ISO 7	10,000	M5.5
ISO 8	100,000	M6.5
ISO 9	---	---

Kentek Corporation certifies that this product was assessed in accordance with ISO 14644-1:2015-6-8 and associated controlled environments. Lower classes not assessed. All information provided in this Certificate of Compliance is accurate, to the best of our knowledge, as of the date this certification was issued.

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