

Clean-Up Test

PARMESS

MAM Cleanroom Measurement



In the following, all times are shown in local time with the corresponding UTC offset.

Print date: 08. Apr 2025 (Europe/Berlin (UTC +2:00))

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Protocol sheet

Building: 5430
Room: MKL Test
Equipment No.: n.d.
Measurement Point Group: MKL_SYSTST_MPG_CU_03
Description: Testmesspunktgruppe SystemTest CleanUp 03

Measurement point: MKL_SYSTST_CU_D

Acceptance criterion Clean-Up: Clean-up Default

Measurements before Notification
"Leave Room": 3

Measurements after reaching
'at Rest': 3

Max. Clean-Up Time: 20:00 [min:sec]

Action Limit 'in Operation' 0.5µm: 3,520,000

Action Limit 'in Operation' 5.0µm: 29,300

Action Limit 'at Rest' 0.5µm: 3,520

Action Limit 'at Rest' 5.0µm: 20

Measurement Devices:

Particle measuring device: SIM-MKL

Flow: 472.000 [cm³/s]

Calibration valid until: 30. Dec 2050

Measurement Notebook: VMWIN11MOQLERO

1)Measurement results

Number of Persons: n.d.

Particle Size: ≥ 0.5µm

Measured Clean-Up Time: 02:59 [min:sec]

Purge Time: n.d.

Date and Time Notification
"Leave Room": 06. Dec 2024 10:32:53

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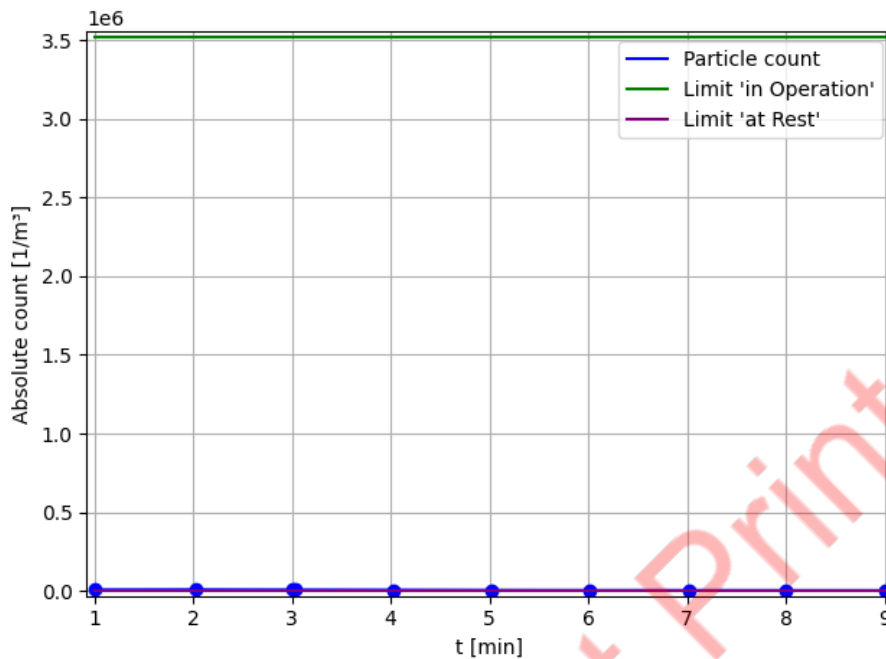
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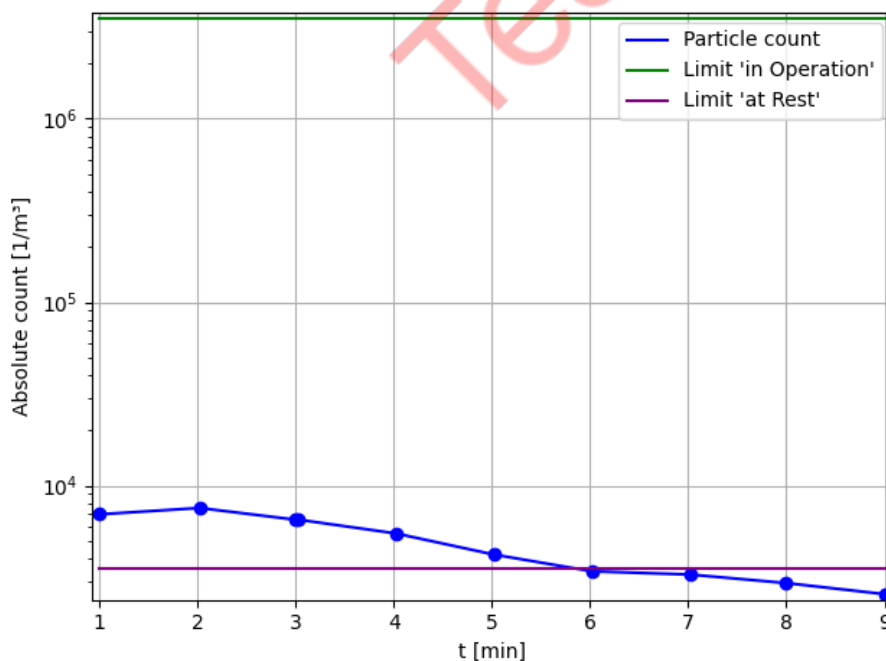
2) Linear chart:

Measurement point: MKL_SYSTST_CU_D



3) Logarithmic chart:

Measurement point: MKL_SYSTST_CU_D



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4) Measurements Measurement point: MKL_SYSTST_CU_D

Begin measurement	Measurement duration [s]	Particle $\geq 0.5 \mu\text{m}$ [1/m ³]	Limit 'in Operation'	Limit 'at Rest'	Device status	Comment Measurer
Measurements before Notification "Leave Room"						
06. Dec 2024 10:30:51+01	60	6,984	3,520,000	3,520	OK	n.d.
06. Dec 2024 10:31:52+01	60	7,564	3,520,000	3,520	OK	n.d.
06. Dec 2024 10:32:51+01	60	6,531	3,520,000	3,520	OK	n.d.
Measurements after Notification "Leave Room"						
06. Dec 2024 10:32:53+01	60	6,531	3,520,000	3,520	OK	n.d.
06. Dec 2024 10:33:52+01	60	5,498	3,520,000	3,520	OK	n.d.
06. Dec 2024 10:34:52+01	60	4,217	3,520,000	3,520	OK	n.d.
06. Dec 2024 10:35:52+01	60	3,417	3,520,000	3,520	OK	n.d.
Measurements after reaching Limit "at Rest"						
06. Dec 2024 10:36:52+01	60	3,281	3,520,000	3,520	OK	n.d.
06. Dec 2024 10:37:51+01	60	2,948	3,520,000	3,520	OK	n.d.
06. Dec 2024 10:38:51+01	60	2,567	3,520,000	3,520	OK	n.d.
Legend						
Measured value > Limit 'in Operation'		Measured value > Limit 'at Rest'		Measured value \leq Limit 'at Rest'		

Measurement point: MKL_SYSTST_CU_D

Begin measurement: 06. Dec 2024

Findings: O (Where O=Okay; C=Correction needed; R=Repaired; N=Not Found / Measured)

Comment: n.d.

Measurer: Doe, John (jdoe)

Participants: n.d. n.d.