

Protocol Particle Measurement

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))

Page 1 of 2

Protocol sheet

Building: DEMO Geb01 Room: DEMO R28
Equipment No.: n.d. Requirement: ISO 8.0
Start measuring: 26. Feb 2025
Measurement point DEMO Room G01 R28 Monitoring in Operation
group:
Description: Perform monitoring in the room according to the sampling point plan.

Measuring device used:

Particle measuring device name	Flow	Calibrated until
M0493	472.000 [cm³/s]	03. May 2025
M0494	472.000 [cm³/s]	03. May 2025

Measuring notebook name

VMWIN11MOQLERO

Evaluation:

Number of people present: 3
Total sampling volume: 0.8638 [m³]
Measurement duration per sample: 61 s
Action limit for particle $\geq 0,5 \mu\text{m}$: 3520000 [1/m³]
Action limit for particle $\geq 5 \mu\text{m}$: 29300 [1/m³]
Warning limit for particle $\geq 0,5 \mu\text{m}$: n.d.
Warning limit for particle $\geq 5 \mu\text{m}$: n.d.

Comment: n.d.

Measurements									
Measurement point No.	Sam ple No.	Time	Device status	Particle $\geq 0,5 \mu\text{m}$ [1/m³]	Particle $\geq 5 \mu\text{m}$ [1/m³]	Complied with Warning limit	Complied with Action limit	OCRN	Comment measurer
DEMO 01	1	08:01:45+01:00	OK	1945	0	yes	yes	O	n.d.
DEMO 01	2	08:02:54+01:00	OK	7190	70	yes	yes	O	n.d.
DEMO 01	3	08:04:01+01:00	OK	765	0	yes	yes	O	n.d.
DEMO 02	1	08:02:07+01:00	OK	278	0	yes	yes	O	n.d.
DEMO 02	2	08:03:16+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 02	3	08:04:23+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 03	1	08:05:47+01:00	OK	209	0	yes	yes	O	n.d.
DEMO 03	2	08:06:56+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 03	3	08:08:03+01:00	OK	35	35	yes	yes	O	n.d.
DEMO 04	1	08:05:58+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 04	2	08:07:07+01:00	OK	35	0	yes	yes	O	n.d.
DEMO 04	3	08:08:14+01:00	OK	0	0	yes	yes	O	n.d.

Attachment to WO: 105 / DEMO Recertification Room G01
R28

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Page 2 of 2

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Equipment No.: n.d. Requirement: ISO 8.0
Start measuring: 26. Feb 2025
Measurement point DEMO Room G01 R28 Monitoring in Operation
group:

Measurement point No.	Measurements								
	Sam ple No.	Time	Device status	Particle ≥ 0,5 µm [1/m³]	Particle ≥ 5 µm [1/m³]	Complied with Warning limit	Complied with Action limit	OCRN	Comment measurer
DEMO 05	1	08:09:34+01:00	OK	209	35	yes	yes	O	n.d.
DEMO 05	2	08:10:43+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 05	3	08:11:50+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 06	1	08:09:48+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 06	2	08:10:57+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 06	3	08:12:04+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 07	1	08:13:25+01:00	OK	35	0	yes	yes	O	n.d.
DEMO 07	2	08:14:34+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 07	3	08:15:41+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 08	1	08:13:36+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 08	2	08:14:45+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 08	3	08:15:52+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 09	1	08:17:13+01:00	OK	174	0	yes	yes	O	n.d.
DEMO 09	2	08:18:21+01:00	OK	1390	174	yes	yes	O	n.d.
DEMO 09	3	08:19:28+01:00	OK	1945	70	yes	yes	O	n.d.
DEMO 10	1	08:17:26+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 10	2	08:18:35+01:00	OK	0	0	yes	yes	O	n.d.
DEMO 10	3	08:19:42+01:00	OK	244	0	yes	yes	O	n.d.

Requirements are fulfilled: Yes

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

Measured by: Doe, John (jdoe)

Participants: n.d. n.d.