Filling line 2 — qualification dashboard

Corvenne Sterile Operations · Building F7 · data to 15 September 2026

Three process simulations of 11 520 units

PQ OK

Media-filled units	…ositives	Mean Cpk	Reject rate	…ches
34,560	none	1.65	0.60%	96

Format showcase

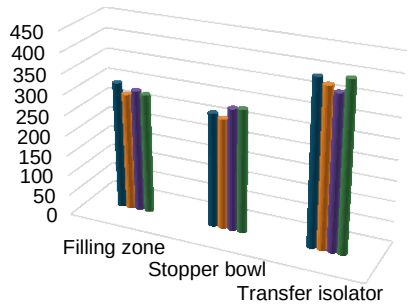
Item	Value	Format code	Rendered as
Batch release date	Fri 18 Sep 2026	DDD D MMM YYYY	Fri 18 Sep 2026
Cycle time	10:10:00	[H]:MM:SS	10:10:00
Batch value	€ 1,284,500.50	[$€-x-euro2] #,##0.00	€ 1,284,500.50
Batch value (USD)	$1,384,650.25	[$$-409]#,##0.00;[RED]-[$$-409]#,##0.00	$1,384,650.25
Spore population	1.25E+06	0.00E+00	1.25E+06
Fill fraction	7/16	# ?/16	7/16
Yield	98.7%	0.0%	98.7%
Temperature drift	-0.35 K	+0.00" K";[RED]-0.00" K";0.00" K"	-0.35 K
Lot code	LOT-01407	"LOT-"00000	LOT-01407
Elapsed	5400 min	[MM]" min"	5400 min
Phone extension	4412	@	4412
Long text (wrapped, shrink)	Unidirectional airflow verified at 0.45 m/s on the 300 mm grid	wrap	Unidirectional airflow verified at 0.45 m/s on the 300 mm grid

Zone particle summary

	Zone	Batch 1	Batch 2	Batch 3	Routine
Grade A	Filling zone	312	288	301	295
	Stopper bowl	280	271	299	302
	Transfer isolator	405	390	377	412
Grade B	Grade B room	2,140	2,330	1,980	2,260
	Airlock	3,390	3,120	3,460	3,310
	Total	**6,527**	**6,399**	**6,417**	**6,579**

Release status	Media fills	Cpk	EM	Docs
	100%	86%	62%	35%

Grade A particles by batch — 3-D cylinders





A5: Three process simulations of 11 520 units each.

D12: Format code uses an LCID currency tag.

G17: Icon set: symbols, thresholds 50 % and 80 %.

Batch monitoring — filling line PQ and routine batches

Source: MES export 2026-09-15 · fill weights in g · particles ≥ 0.5 µm per m³ · icon set on reject rate, data bars on particles, colour scale on Cpk

Date	Batch	Line	Mean fill (g)	Sd (mg)	Cpk	Particles	CFU	Reject	Run time	Deviation	Week
04 May 2026	26F7-1000	L1	2.1514	4.30	1.52	353	0	0.48%	05:01		19
05 May 2026	26F7-1001	L2	2.1490	3.54	1.88	392	0	0.52%	07:49		19
06 May 2026	26F7-1002	L2	2.1493	4.73	1.43	282	0	0.59%	06:27		19
07 May 2026	26F7-1003	L1	2.1474	3.66	1.68	292	0	0.51%	05:14		19
08 May 2026	26F7-1004	L2	2.1480	3.16	2.00	373	0	0.64%	06:06		19
11 May 2026	26F7-1005	L2	2.1513	3.86	1.70	262	0	0.46%	08:34		20
12 May 2026	26F7-1006	L1	2.1484	5.00	1.29	354	0	0.68%	05:06		20
13 May 2026	26F7-1007	L2	2.1508	4.07	1.65	374	0	0.54%	06:06		20
14 May 2026	26F7-1008	L2	2.1518	3.41	1.88	306	0	0.70%	08:25		20
15 May 2026	26F7-1009	L1	2.1509	4.71	1.42	349	0	0.76%	06:24		20
18 May 2026	26F7-1010	L2	2.1527	3.86	1.58	348	0	0.79%	07:21		21
19 May 2026	26F7-1011	L2	2.1493	3.41	1.98	362	0	0.73%	05:47		21
20 May 2026	26F7-1012	L1	2.1510	4.35	1.53	348	0	0.74%	07:28		21
21 May 2026	26F7-1013	L2	2.1497	4.60	1.50	358	0	0.75%	08:30		21
22 May 2026	26F7-1014	L2	2.1488	4.90	1.35	282	0	0.58%	05:31		21
25 May 2026	26F7-1015	L1	2.1503	4.08	1.69	355	0	0.53%	05:49		22
26 May 2026	26F7-1016	L2	2.1470	4.45	1.35	287	0	0.63%	07:52		22
27 May 2026	26F7-1017	L2	2.1496	4.60	1.49	283	0	0.70%	06:57		22
28 May 2026	26F7-1018	L1	2.1505	4.69	1.46	197	0	0.29%	07:17		22
29 May 2026	26F7-1019	L2	2.1512	3.74	1.76	449	0	0.69%	08:27		22
01 Jun 2026	26F7-1020	L2	2.1483	4.10	1.57	369	0	0.75%	05:01		23
02 Jun 2026	26F7-1021	L1	2.1535	4.41	1.32	330	0	0.50%	08:25		23
03 Jun 2026	26F7-1022	L2	2.1504	3.13	2.19	403	0	0.48%	07:53		23
04 Jun 2026	26F7-1023	L2	2.1522	4.66	1.34	372	0	0.75%	06:34		23
05 Jun 2026	26F7-1024	L1	2.1462	4.80	1.19	284	0	0.71%	07:40		23
08 Jun 2026	26F7-1025	L2	2.1473	4.09	1.49	262	0	0.48%	07:21		24
09 Jun 2026	26F7-1026	L2	2.1451	4.13	1.30	290	0	0.69%	05:26		24
10 Jun 2026	26F7-1027	L1	2.1475	4.02	1.53	329	0	0.61%	05:54		24
11 Jun 2026	26F7-1028	L2	2.1515	4.08	1.59	368	0	0.55%	07:52		24
12 Jun 2026	26F7-1029	L2	2.1498	4.18	1.66	332	0	0.48%	07:57		24
15 Jun 2026	26F7-1030	L1	2.1506	3.39	2.01	388	1	0.77%	05:08	DV-F7-0430	25
16 Jun 2026	26F7-1031	L2	2.1500	3.89	1.80	287	0	0.65%	08:56		25
17 Jun 2026	26F7-1032	L2	2.1507	4.29	1.58	373	0	0.38%	07:28		25
18 Jun 2026	26F7-1033	L1	2.1499	3.22	2.16	418	0	0.61%	07:51		25
19 Jun 2026	26F7-1034	L2	2.1509	4.61	1.45	316	0	0.68%	06:15		25
22 Jun 2026	26F7-1035	L2	2.1493	4.04	1.67	307	0	0.53%	08:54		26
23 Jun 2026	26F7-1036	L1	2.1497	4.32	1.60	368	0	0.64%	06:28		26
24 Jun 2026	26F7-1037	L2	2.1508	3.63	1.85	437	0	0.45%	08:21		26
25 Jun 2026	26F7-1038	L2	2.1489	4.00	1.66	371	0	0.74%	05:07		26
26 Jun 2026	26F7-1039	L1	2.1486	4.07	1.61	271	0	0.42%	06:56		26
29 Jun 2026	26F7-1040	L2	2.1500	4.25	1.65	341	0	0.57%	08:07		27
30 Jun 2026	26F7-1041	L2	2.1502	3.74	1.85	286	0	0.44%	08:28		27
01 Jul 2026	26F7-1042	L1	2.1497	3.97	1.74	334	0	0.53%	08:40		27
02 Jul 2026	26F7-1043	L2	2.1483	3.80	1.69	345	0	0.75%	07:06		27
03 Jul 2026	26F7-1044	L2	2.1491	4.06	1.65	379	0	0.63%	07:21		27
06 Jul 2026	26F7-1045	L1	2.1494	3.70	1.84	301	0	0.77%	07:38		28
07 Jul 2026	26F7-1046	L2	2.1502	3.87	1.79	314	0	0.58%	08:23		28
08 Jul 2026	26F7-1047	L2	2.1496	4.19	1.64	268	0	0.55%	06:33		28
09 Jul 2026	26F7-1048	L1	2.1472	4.54	1.34	277	0	0.51%	06:02		28
10 Jul 2026	26F7-1049	L2	2.1482	3.48	1.84	323	0	0.63%	07:31		28
13 Jul 2026	26F7-1050	L2	2.1508	3.18	2.12	346	0	0.49%	05:17		29
14 Jul 2026	26F7-1051	L1	2.1510	4.99	1.34	219	0	0.53%	05:32		29
15 Jul 2026	26F7-1052	L2	2.1510	3.88	1.72	338	0	0.77%	07:52		29
16 Jul 2026	26F7-1053	L2	2.1499	3.70	1.88	348	0	0.60%	08:13		29
17 Jul 2026	26F7-1054	L1	2.1490	3.81	1.75	229	0	0.61%	05:33		29
20 Jul 2026	26F7-1055	L2	2.1506	3.42	1.99	323	0	0.57%	05:45		30
21 Jul 2026	26F7-1056	L2	2.1521	3.72	1.69	336	0	0.57%	07:40		30
22 Jul 2026	26F7-1057	L1	2.1497	3.56	1.94	281	0	0.70%	07:58		30
23 Jul 2026	26F7-1058	L2	2.1508	3.94	1.71	341	0	0.47%	08:51		30
24 Jul 2026	26F7-1059	L2	2.1505	4.17	1.64	371	0	0.54%	07:33		30
27 Jul 2026	26F7-1060	L1	2.1520	4.68	1.35	290	0	0.89%	06:34	DV-F7-0460	31

Date	Batch	Line	Mean fill (g)	Sd (mg)	Cpk	Particles	CFU	Reject	Run time	Deviation	Week
28 Jul 2026	26F7-1061	L2	2.1489	3.78	1.75	418	0	0.68%	08:27		31
29 Jul 2026	26F7-1062	L2	2.1505	3.63	1.88	360	0	0.74%	05:26		31
30 Jul 2026	26F7-1063	L1	2.1494	3.90	1.74	290	0	0.59%	08:44		31
31 Jul 2026	26F7-1064	L2	2.1496	4.57	1.50	384	0	0.55%	06:17		31
03 Aug 2026	26F7-1065	L2	2.1491	3.57	1.88	277	0	0.50%	07:41		32
04 Aug 2026	26F7-1066	L1	2.1466	4.53	1.30	378	0	0.62%	05:04		32
05 Aug 2026	26F7-1067	L2	2.1477	4.65	1.34	203	0	0.55%	07:44		32
06 Aug 2026	26F7-1068	L2	2.1488	4.35	1.52	368	0	0.86%	07:38	DV-F7-0468	32
07 Aug 2026	26F7-1069	L1	2.1479	4.45	1.42	335	1	0.57%	07:08	DV-F7-0469	32
10 Aug 2026	26F7-1070	L2	2.1483	4.16	1.55	279	0	0.45%	08:54		33
11 Aug 2026	26F7-1071	L2	2.1492	3.73	1.81	377	0	0.47%	05:16		33
12 Aug 2026	26F7-1072	L1	2.1469	3.34	1.79	217	0	0.41%	05:12		33
13 Aug 2026	26F7-1073	L2	2.1505	3.89	1.76	299	0	0.52%	08:16		33
14 Aug 2026	26F7-1074	L2	2.1517	4.23	1.52	331	0	0.72%	07:35		33
17 Aug 2026	26F7-1075	L1	2.1499	3.88	1.80	252	0	0.61%	07:01		34
18 Aug 2026	26F7-1076	L2	2.1501	4.41	1.58	279	0	0.61%	05:07		34
19 Aug 2026	26F7-1077	L2	2.1500	3.70	1.89	358	0	0.52%	05:30		34
20 Aug 2026	26F7-1078	L1	2.1494	4.78	1.42	276	0	0.54%	05:19		34
21 Aug 2026	26F7-1079	L2	2.1527	3.45	1.77	352	0	0.34%	06:43		34
24 Aug 2026	26F7-1080	L2	2.1487	4.31	1.52	291	0	0.60%	07:22		35
25 Aug 2026	26F7-1081	L1	2.1509	4.97	1.35	288	0	0.69%	05:28		35
26 Aug 2026	26F7-1082	L2	2.1529	3.69	1.64	269	0	0.65%	08:05		35
27 Aug 2026	26F7-1083	L2	2.1490	3.47	1.92	269	0	0.79%	07:36		35
28 Aug 2026	26F7-1084	L1	2.1513	4.18	1.57	470	0	0.73%	08:50		35
31 Aug 2026	26F7-1085	L2	2.1502	3.56	1.95	206	0	0.57%	08:39		36
01 Sep 2026	26F7-1086	L2	2.1486	4.43	1.47	271	1	0.66%	06:07	DV-F7-0486	36
02 Sep 2026	26F7-1087	L1	2.1521	5.30	1.19	245	0	0.43%	06:22		36
03 Sep 2026	26F7-1088	L2	2.1483	4.31	1.49	269	0	0.44%	07:00		36
04 Sep 2026	26F7-1089	L2	2.1489	3.97	1.67	361	1	0.74%	08:12	DV-F7-0489	36
07 Sep 2026	26F7-1090	L1	2.1485	4.09	1.59	290	0	0.31%	07:53		37
08 Sep 2026	26F7-1091	L2	2.1504	4.27	1.61	342	0	0.49%	05:57		37
09 Sep 2026	26F7-1092	L2	2.1502	3.62	1.92	247	0	0.55%	08:56		37
10 Sep 2026	26F7-1093	L1	2.1487	4.38	1.50	371	0	0.68%	05:44		37
11 Sep 2026	26F7-1094	L2	2.1501	4.27	1.63	225	0	0.64%	08:56		37
14 Sep 2026	26F7-1095	L2	2.1511	3.02	2.20	388	0	0.64%	05:20		38

F3: Cpk computed live from mean and Sd against the 2.129–2.171 g specification.

G3: Data bars scale between the minimum and maximum of the column.

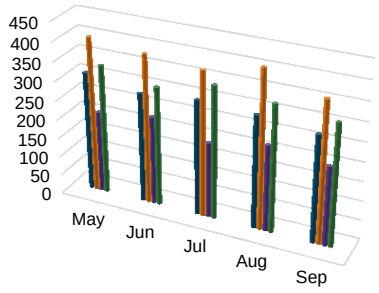
K10: Deviation opened for a reject rate above the 0.85 % alert level.

Three-dimensional charts

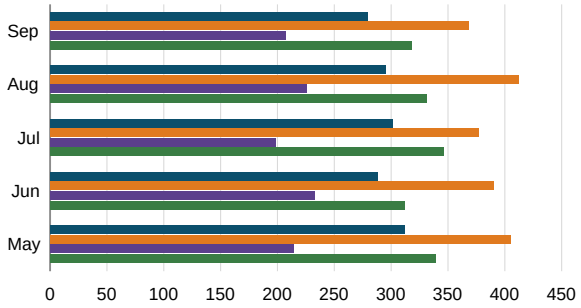
Month	Filling	Transfer	Grade B ÷ 10	Airlock ÷ 10
May	312	405	214	339
Jun	288	390	233	312
Jul	301	377	198	346
Aug	295	412	226	331
Sep	279	368	207	318

Owner	Hours
Microbiology	41
Engineering	23
Process	17
QA review	11
QC	8

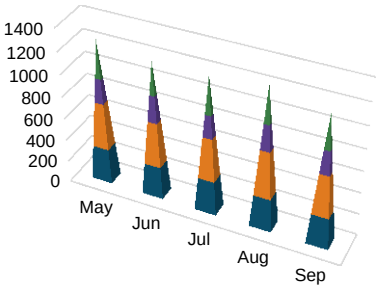
Columns — cylinders, realistic shading



Bars — cones, horizontal



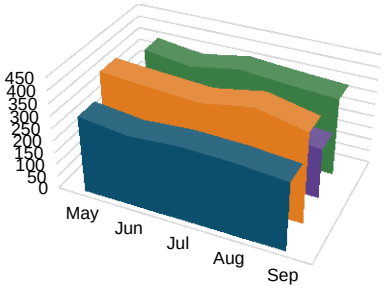
Stacked pyramids



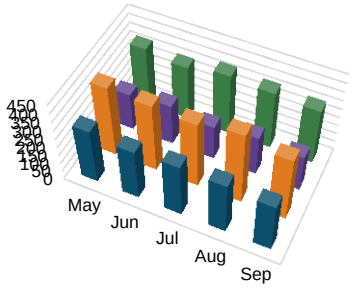
3-D pie, exploded segment



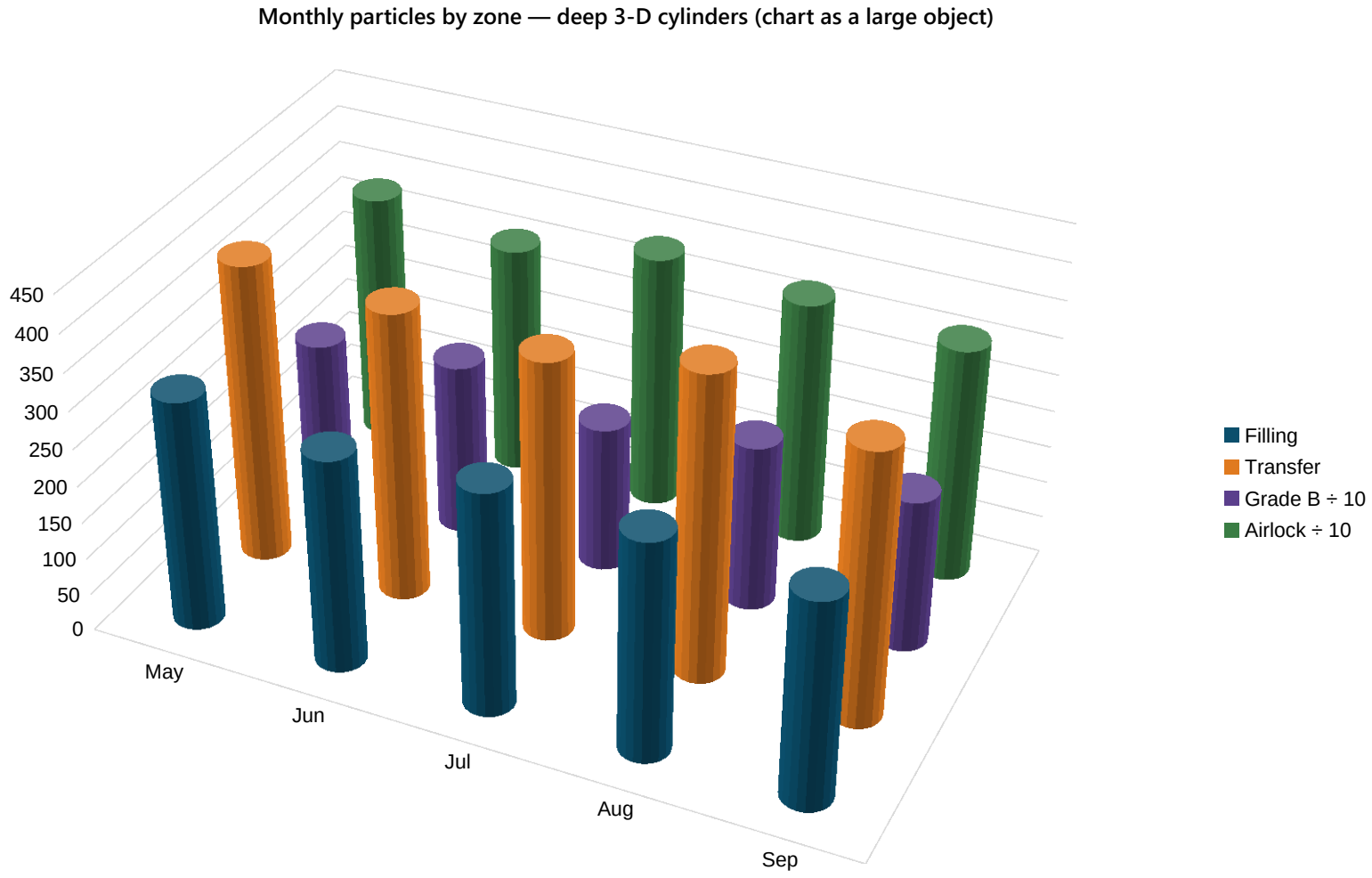
3-D area, deep



Deep boxes, rotated 55°, flat shading



Particle trend — full-page 3-D chart object



Pictures and drawing objects

