

Fumigation Gas Reading Log

Selected Dates: 10/03/2025 and 17/03/2025

Silo	Gas Reading Date	Gas Reading mg/l	Stack Flow Rate l/s	Exhaust Flux Instantaneous g/s	Exhaust Flux Hourly Average g/s	Fumigation State	Average Wind Speed	Average Wind Direction
Silo: CL101								
	10/03/2025 10:06 AM	0.018	0	0	0	Dosing	8.33	104
	10/03/2025 10:20 AM	0.018	0	0	0	Dosing	7.89	35
	10/03/2025 10:34 AM	0.018	0	0	0	Dosing	7.44	62
	10/03/2025 10:48 AM	0.018	0	0	0	Dosing	7.44	40
	10/03/2025 11:02 AM	0.018	0	0	0	Dosing	7.55	87
	10/03/2025 11:16 AM	0.018	0	0	0	Dosing	13	31
	10/03/2025 11:30 AM	29.3	0	0	0	Fumigation	9.47	12
	10/03/2025 11:42 PM	15.475	0	0	0	Fumigation	3.16	118
	12/03/2025 01:41 PM	6.875	0	0	0	Fumigation	6.12	104
	12/03/2025 02:00 PM	0.123	503	0.062	0	Initial Purging	5.98	109
	12/03/2025 02:12 PM	0.117	503	0.059	0	Initial Purging	6.53	107
	12/03/2025 02:24 PM	0.102	503	0.051	0	Initial Purging	5.59	101
	12/03/2025 02:36 PM	0.075	503	0.038	0	Initial Purging	6.02	107
	12/03/2025 02:48 PM	0.095	503	0.048	0.042	Initial Purging	5.61	86
	12/03/2025 03:00 PM	0.08	503	0.04	0.05	Initial Purging	4.92	99
	12/03/2025 03:12 PM	0.073	503	0.037	0.045	Initial Purging	4.78	103
	12/03/2025 03:24 PM	0.075	503	0.038	0.041	Initial Purging	4.78	88
	12/03/2025 03:36 PM	0.069	503	0.035	0.037	Initial Purging	4.75	91
	12/03/2025 03:48 PM	0.068	503	0.034	0.037	Initial Purging	4.72	82

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Selected Dates: 10/03/2025 and 17/03/2025

12/03/2025 04:00 PM	0.055	503	0.028	0.034	Initial Purging	3.96	65
12/03/2025 04:12 PM	0.06	503	0.03	0.033	Initial Purging	3.96	59
12/03/2025 04:24 PM	0.061	503	0.031	0.032	Initial Purging	3.82	46
12/03/2025 04:36 PM	0.059	503	0.03	0.031	Initial Purging	3.96	44
12/03/2025 04:48 PM	0.054	503	0.027	0.029	Initial Purging	3.08	35
12/03/2025 05:00 PM	0.05	503	0.025	0.029	Initial Purging	3.21	45
12/03/2025 05:12 PM	0.05	503	0.025	0.028	Initial Purging	3.18	75
12/03/2025 05:24 PM	0.061	503	0.031	0.028	Initial Purging	3.56	53
12/03/2025 05:36 PM	0.05	503	0.025	0.027	Initial Purging	3.39	55
12/03/2025 05:48 PM	0.047	503	0.024	0.026	Initial Purging	4.27	71
12/03/2025 06:00 PM	0.042	503	0.021	0.025	Initial Purging	4.3	43
12/03/2025 06:12 PM	0.047	503	0.024	0.025	Initial Purging	3.99	43
12/03/2025 06:24 PM	0.037	503	0.019	0.022	Initial Purging	3.46	65
12/03/2025 06:37 PM	0.04	503	0.02	0.021	Initial Purging	3.68	83
12/03/2025 06:49 PM	0.035	503	0.018	0.02	Initial Purging	3.56	107
12/03/2025 07:01 PM	0.038	503	0.019	0.02	Initial Purging	4.7	79
12/03/2025 07:13 PM	0.034	503	0.017	0.018	Initial Purging	4.3	170
12/03/2025 07:25 PM	0.026	503	0.013	0.017	Initial Purging	4.11	165
12/03/2025 07:37 PM	0.03	503	0.015	0.016	Initial Purging	2.96	240
12/03/2025 07:49 PM	0.025	503	0.013	0.015	Initial Purging	3.56	101
12/03/2025 08:01 PM	0.034	503	0.017	0.015	Initial Purging	3.53	75
12/03/2025 08:13 PM	0.035	503	0.018	0.015	Initial Purging	3.49	76
12/03/2025 08:25 PM	0.044	503	0.022	0.017	Initial Purging	4.93	52



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Selected Dates: 10/03/2025 and 17/03/2025

12/03/2025 08:37 PM	0.025	503	0.013	0.016	Initial Purging	4.44	73
12/03/2025 08:49 PM	0.025	503	0.013	0.016	Initial Purging	2.66	139
12/03/2025 09:01 PM	0.025	503	0.013	0.016	Initial Purging	2.78	244
12/03/2025 09:13 PM	0.036	503	0.018	0.016	Initial Purging	2.5	268
12/03/2025 09:25 PM	0.024	503	0.012	0.014	Initial Purging	2.07	270
12/03/2025 09:37 PM	0.02	503	0.01	0.013	Initial Purging	2.44	275
12/03/2025 09:49 PM	0.022	503	0.011	0.013	Initial Purging	2.62	289
12/03/2025 10:01 PM	0.018	503	0.009	0.012	Initial Purging	2.36	257
12/03/2025 10:13 PM	0.024	503	0.012	0.011	Initial Purging	2.31	313
12/03/2025 10:25 PM	0.022	503	0.011	0.011	Initial Purging	2.84	254
12/03/2025 10:37 PM	0.019	503	0.01	0.011	Initial Purging	2.42	253
12/03/2025 10:49 PM	0.017	503	0.009	0.01	Initial Purging	2.36	303
12/03/2025 11:01 PM	0.022	503	0.011	0.011	Initial Purging	2.02	307
12/03/2025 11:13 PM	0.022	503	0.011	0.01	Initial Purging	1.83	303
12/03/2025 11:25 PM	0.022	503	0.011	0.01	Initial Purging	2	305
12/03/2025 11:37 PM	0.022	503	0.011	0.011	Initial Purging	2.25	265
12/03/2025 11:49 PM	0.018	503	0.009	0.011	Initial Purging	2.68	281
13/03/2025 12:01 AM	0.036	503	0.018	0.012	Initial Purging	2.68	306
13/03/2025 12:13 AM	0.018	503	0.009	0.012	Initial Purging	2.58	314
13/03/2025 12:25 AM	0.015	503	0.008	0.011	Initial Purging	2.66	314
13/03/2025 12:38 AM	0.015	503	0.008	0.01	Initial Purging	2.25	298
13/03/2025 12:50 AM	0.034	503	0.017	0.012	Initial Purging	1.73	322
13/03/2025 01:02 AM	0.018	503	0.009	0.01	Initial Purging	1.98	319

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13/03/2025 01:14 AM	0.015	503	0.008	0.01	Initial Purging	3.13	275
13/03/2025 01:26 AM	0.022	503	0.011	0.01	Initial Purging	3.45	287
13/03/2025 01:38 AM	0.015	503	0.008	0.01	Initial Purging	3.55	262
13/03/2025 01:50 AM	0.011	503	0.006	0.008	Initial Purging	3.85	292
13/03/2025 02:02 AM	0.004	503	0.002	0.007	Initial Purging	3.08	312
13/03/2025 02:14 AM	0.017	503	0.009	0.007	Initial Purging	3.13	325
13/03/2025 02:26 AM	0.01	503	0.005	0.006	Initial Purging	3.48	311
13/03/2025 02:38 AM	0.011	503	0.006	0.005	Initial Purging	2.67	308
13/03/2025 02:50 AM	0.006	503	0.003	0.005	Initial Purging	1.88	315
13/03/2025 03:02 AM	0.006	503	0.003	0.005	Initial Purging	1.6	306
13/03/2025 03:14 AM	0.006	503	0.003	0.004	Initial Purging	1.12	269
13/03/2025 03:26 AM	0.006	503	0.003	0.003	Initial Purging	2.03	305
13/03/2025 03:38 AM	0.019	503	0.01	0.004	Initial Purging	2.56	321
13/03/2025 03:50 AM	0.003	503	0.002	0.004	Initial Purging	2.96	307
13/03/2025 04:02 AM	0.015	503	0.008	0.005	Initial Purging	3.13	320
13/03/2025 04:14 AM	0.005	503	0.003	0.005	Initial Purging	2.33	230
13/03/2025 04:26 AM	0.021	503	0.011	0.006	Initial Purging	3.8	138
13/03/2025 04:38 AM	0.003	503	0.002	0.005	Initial Purging	3.61	281
13/03/2025 04:50 AM	0.003	503	0.002	0.005	Initial Purging	4.3	329
13/03/2025 05:02 AM	0	503	0	0.003	Initial Purging	5.35	310
13/03/2025 05:14 AM	0	503	0	0.003	Initial Purging	4.39	306
13/03/2025 05:26 AM	0	503	0	0.001	Initial Purging	2.9	308
13/03/2025 05:38 AM	0	503	0	0	Initial Purging	2.77	305

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13/03/2025 05:50 AM	0.002	503	0.001	0	Initial Purging	2.42	316
13/03/2025 06:02 AM	0	503	0	0	Initial Purging	2.53	303
13/03/2025 06:14 AM	0	503	0	0	Purging	2.41	297
13/03/2025 06:26 AM	0.002	503	0.001	0	Purging	2.67	313
13/03/2025 06:39 AM	0.086	503	0.043	0.009	Purging	2.16	314
13/03/2025 06:51 AM	0.105	503	0.053	0.02	Purging	2.43	324
13/03/2025 07:03 AM	0.12	503	0.06	0.032	Purging	2.35	315
13/03/2025 07:15 AM	0.107	503	0.054	0.042	Purging	2.86	327
13/03/2025 07:27 AM	0.172	503	0.087	0.059	Purging	2.45	328
13/03/2025 07:39 AM	0.187	503	0.094	0.07	Purging	2.68	331
13/03/2025 07:51 AM	0.229	503	0.115	0.082	Purging	2.91	318
13/03/2025 08:03 AM	0.219	503	0.11	0.092	Purging	3.73	318
13/03/2025 08:15 AM	0.23	503	0.116	0.104	Purging	3.76	303
13/03/2025 08:27 AM	0.239	503	0.12	0.111	Purging	4.12	322
13/03/2025 08:39 AM	0.247	503	0.124	0.117	Purging	4.06	257
13/03/2025 08:51 AM	0.249	503	0.125	0.119	Purging	3.76	284
13/03/2025 09:03 AM	0.258	503	0.13	0.123	Purging	3.83	245
13/03/2025 09:15 AM	0.26	503	0.131	0.126	Purging	4.01	279
13/03/2025 09:27 AM	0.268	503	0.135	0.129	Purging	4.62	223
13/03/2025 09:39 AM	0.266	503	0.134	0.131	Purging	3.25	228
13/03/2025 09:51 AM	0.259	503	0.13	0.132	Purging	4.05	183
13/03/2025 10:03 AM	0.262	503	0.132	0.132	Purging	4.42	213
13/03/2025 10:15 AM	0.257	503	0.129	0.132	Purging	3.21	272



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13/03/2025 10:27 AM	0.238	503	0.12	0.129	Purging	4.65	205
13/03/2025 10:39 AM	0.234	503	0.118	0.126	Purging	7.87	32
13/03/2025 10:51 AM	0.232	503	0.117	0.123	Purging	9.2	23
13/03/2025 11:03 AM	0.214	503	0.108	0.118	Purging	9.33	26
13/03/2025 11:15 AM	0.205	503	0.103	0.113	Purging	8.6	21
13/03/2025 11:27 AM	0.196	503	0.099	0.109	Purging	7.89	12
13/03/2025 11:39 AM	0.198	503	0.1	0.105	Purging	8.65	17
13/03/2025 11:51 AM	0.171	503	0.086	0.099	Purging	7.75	16
13/03/2025 12:03 PM	0.158	503	0.079	0.093	Purging	9.35	91
13/03/2025 12:15 PM	0.157	503	0.079	0.088	Purging	10.09	45
13/03/2025 12:27 PM	0.155	503	0.078	0.084	Purging	11.22	27
13/03/2025 12:40 PM	0.178	503	0.09	0.082	Purging	10.68	46
13/03/2025 12:52 PM	0.174	503	0.088	0.083	Purging	13.94	27
13/03/2025 01:04 PM	0.477	503	0.24	0.115	Purging	15.32	29
13/03/2025 01:16 PM	0.447	503	0.225	0.144	Purging	14.83	26
13/03/2025 01:28 PM	0.413	503	0.208	0.17	Purging	14.31	24
13/03/2025 01:40 PM	0.391	503	0.197	0.191	Purging	11.95	43
13/03/2025 01:52 PM	0.36	503	0.181	0.21	Purging	10.9	20
13/03/2025 02:04 PM	0.329	503	0.165	0.195	Purging	8.89	58
13/03/2025 02:16 PM	0.312	503	0.157	0.181	Purging	9.22	30
13/03/2025 02:28 PM	0.292	503	0.147	0.169	Purging	12.09	125
13/03/2025 02:40 PM	0.272	503	0.137	0.157	Purging	12.06	79
13/03/2025 02:52 PM	0.258	503	0.13	0.147	Purging	11.86	55

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Selected Dates: 10/03/2025 and 17/03/2025

13/03/2025 03:04 PM	0.238	503	0.12	0.138	Purging	11.19	54
13/03/2025 03:16 PM	0.234	503	0.118	0.13	Purging	9.29	169
13/03/2025 03:28 PM	0.231	503	0.116	0.124	Purging	8.26	124
13/03/2025 03:40 PM	0.206	503	0.104	0.117	Purging	9.95	102
13/03/2025 03:52 PM	0.197	503	0.099	0.111	Purging	9.17	78
13/03/2025 04:04 PM	0.188	503	0.095	0.106	Purging	11.55	122
13/03/2025 04:16 PM	0.179	503	0.09	0.101	Purging	11.16	53
13/03/2025 04:28 PM	0.172	503	0.087	0.095	Purging	8.61	32
13/03/2025 04:40 PM	0.164	503	0.082	0.091	Purging	7.37	78
13/03/2025 04:52 PM	0.152	503	0.076	0.086	Purging	8.32	103
13/03/2025 05:04 PM	0.141	503	0.071	0.081	Purging	9.06	32
13/03/2025 05:16 PM	0.134	503	0.067	0.077	Purging	10.49	9
13/03/2025 05:28 PM	0.14	503	0.07	0.073	Purging	9.72	51
13/03/2025 05:40 PM	0.127	503	0.064	0.07	Purging	8.76	168
13/03/2025 05:52 PM	0.117	503	0.059	0.066	Purging	8.78	78
13/03/2025 06:04 PM	0.131	503	0.066	0.065	Purging	9.25	34
13/03/2025 06:16 PM	0.113	503	0.057	0.063	Purging	9.38	52
13/03/2025 06:28 PM	0.115	503	0.058	0.061	Purging	8.13	55
13/03/2025 06:41 PM	0.11	503	0.055	0.059	Purging	8.69	28
13/03/2025 06:53 PM	0.099	503	0.05	0.057	Purging	9.21	75
13/03/2025 07:05 PM	0.094	503	0.047	0.053	Purging	9.03	29
13/03/2025 07:17 PM	0.09	503	0.045	0.051	Purging	8.15	53
13/03/2025 07:29 PM	0.087	503	0.044	0.048	Purging	7.21	98

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13/03/2025 07:41 PM	0.083	503	0.042	0.045	Purging	5.56	7
13/03/2025 07:53 PM	0.079	503	0.04	0.043	Purging	4.99	14
13/03/2025 08:05 PM	0.075	503	0.038	0.042	Purging	5.16	55
14/03/2025 07:28 AM	0	503	0	0.033	Initial Purging	2.6	209
14/03/2025 07:40 AM	0	503	0	0.025	Initial Purging	3.07	187
14/03/2025 07:52 AM	0	503	0	0.018	Initial Purging	3.74	66
14/03/2025 08:04 AM	0	503	0	0.009	Initial Purging	4.49	80
14/03/2025 08:16 AM	0	503	0	0	Initial Purging	4.26	83
14/03/2025 08:28 AM	0	503	0	0	Initial Purging	3.9	35
14/03/2025 08:40 AM	0	503	0	0	Initial Purging	3.88	36
14/03/2025 08:52 AM	0	503	0	0	Initial Purging	3.24	17
14/03/2025 09:04 AM	0	503	0	0	Initial Purging	3.72	44
14/03/2025 09:16 AM	0	503	0	0	Initial Purging	3.75	41
14/03/2025 09:28 AM	0	503	0	0	Initial Purging	3.47	65
14/03/2025 09:40 AM	0	503	0	0	Initial Purging	4.62	53
14/03/2025 09:52 AM	0	503	0	0	Initial Purging	4.56	39
14/03/2025 10:04 AM	0	503	0	0	Initial Purging	5.52	14
14/03/2025 10:16 AM	0	503	0	0	Purging	5.62	41
14/03/2025 10:28 AM	0	503	0	0	Purging	5.97	21
14/03/2025 10:40 AM	0	503	0	0	Purging	5.66	41
14/03/2025 10:52 AM	0	503	0	0	Purging	6.07	19
14/03/2025 11:04 AM	0	503	0	0	Purging	5.96	22
14/03/2025 11:16 AM	0	503	0	0	Purging	6.34	86



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14/03/2025 11:28 AM	0	503	0	0	Purging	6.33	65
14/03/2025 11:40 AM	0	503	0	0	Purging	6.51	86
14/03/2025 11:52 AM	0	503	0	0	Purging	7.81	59
14/03/2025 12:04 PM	0	503	0	0	Purging	7.25	108
14/03/2025 12:16 PM	0	503	0	0	Purging	6.47	58
14/03/2025 12:29 PM	0	503	0	0	Purging	7.45	33
14/03/2025 12:41 PM	0	503	0	0	Purging	8.19	82
14/03/2025 12:53 PM	0	503	0	0	Purging	9.28	125
14/03/2025 01:05 PM	0	503	0	0	Purging	10.76	99
14/03/2025 01:17 PM	0	503	0	0	Purging	12.11	53
14/03/2025 01:29 PM	0	503	0	0	Purging	10.96	54
14/03/2025 01:41 PM	0	503	0	0	Purging	11	33
14/03/2025 01:53 PM	0	503	0	0	Purging	10.96	77
14/03/2025 02:05 PM	0	503	0	0	Purging	11.3	30
14/03/2025 02:17 PM	0	503	0	0	Purging	11.92	77
14/03/2025 02:29 PM	0	503	0	0	Purging	11.91	77
14/03/2025 02:41 PM	0	503	0	0	Purging	13.41	75
14/03/2025 02:53 PM	0	503	0	0	Purging	11.56	75
14/03/2025 03:05 PM	0	503	0	0	Purging	12.95	51
14/03/2025 03:17 PM	0	503	0	0	Purging	14.42	99
14/03/2025 03:29 PM	0	503	0	0	Purging	14	123
14/03/2025 03:41 PM	0	503	0	0	Purging	14.37	54
14/03/2025 03:53 PM	0	503	0	0	Purging	13.56	147



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14/03/2025 04:05 PM	0	503	0	0	Purging	12.85	146
14/03/2025 04:17 PM	0	503	0	0	Purging	14	120
14/03/2025 04:29 PM	0	503	0	0	Purging	13.76	101
14/03/2025 04:41 PM	0	503	0	0	Purging	12.9	195
14/03/2025 04:53 PM	0	503	0	0	Purging	13.65	31
14/03/2025 05:05 PM	0.034	503	0.017	0.003	Purging	13.11	123
14/03/2025 05:17 PM	0.024	503	0.012	0.006	Purging	13.29	30
14/03/2025 05:29 PM	0.018	503	0.009	0.008	Purging	12.07	75
14/03/2025 05:41 PM	0.018	503	0.009	0.009	Purging	8.85	120
14/03/2025 05:53 PM	0.02	503	0.01	0.011	Purging	8.75	75
14/03/2025 06:05 PM	0.011	503	0.006	0.009	Purging	8.6	122
14/03/2025 06:17 PM	0.01	503	0.005	0.008	Purging	11.38	29
14/03/2025 06:30 PM	0.011	503	0.006	0.007	Purging	9.84	29
14/03/2025 06:42 PM	0.007	503	0.004	0.006	Purging	8.8	12
14/03/2025 06:54 PM	0.007	503	0.004	0.005	Purging	6.83	81
14/03/2025 07:06 PM	0.003	503	0.002	0.004	Purging	6.18	58
14/03/2025 07:18 PM	0.012	503	0.006	0.004	Purging	5.32	33
14/03/2025 07:30 PM	0.004	503	0.002	0.003	Purging	4.59	35