QUATTRO PORTS

Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	09/09/2025 10:10 AM	0	0	0	0	Dosing	6.61	85
	09/09/2025 10:22 AM	0	0	0	0	Dosing	8.75	61
	09/09/2025 10:34 AM	0	0	0	0	Dosing	10.23	39
	09/09/2025 10:46 AM	0	0	0	0	Dosing	8.01	42
	09/09/2025 10:58 AM	1	0	0	0	Fumigation	7.99	44
	09/09/2025 11:12 AM	3.275	0	0	0	Fumigation	9.83	27
	09/09/2025 11:26 AM	10.4	0	0	0	Fumigation	9.44	48
	09/09/2025 11:40 AM	22.675	0	0	0	Fumigation	8.39	37
	09/09/2025 11:54 AM	30	0	0	0	Fumigation	9.38	61
	09/09/2025 12:08 PM	29.375	0	0	0	Fumigation	9.1	19
	09/09/2025 12:22 PM	7.175	0	0	0	Fumigation	10.2	33
	09/09/2025 12:36 PM	18.925	0	0	0	Fumigation	6.18	38
	09/09/2025 12:50 PM	24.15	0	0	0	Fumigation	6.47	47
	09/09/2025 01:04 PM	29	0	0	0	Fumigation	6.57	51
	09/09/2025 01:18 PM	30.65	0	0	0	Fumigation	8.09	37
	09/09/2025 01:32 PM	26.225	0	0	0	Fumigation	11.7	42
	09/09/2025 01:47 PM	25.6	0	0	0	Fumigation	7.9	34
	09/09/2025 02:01 PM	22.2	0	0	0	Fumigation	8.26	40
	09/09/2025 02:15 PM	23.975	0	0	0	Fumigation	9.53	36

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

QUATTRO PORTS

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	09/09/2025 02:29 PM	27.675	0	0	0	Fumigation	10.92	33
	09/09/2025 02:43 PM	31.275	0	0	0	Fumigation	8.16	40
	09/09/2025 02:57 PM	30.675	0	0	0	Fumigation	7.46	39
	09/09/2025 03:11 PM	28.3	0	0	0	Fumigation	8.53	32
	09/09/2025 03:25 PM	23.95	0	0	0	Fumigation	8.29	40
	09/09/2025 03:39 PM	22.475	0	0	0	Fumigation	7.38	32
	09/09/2025 03:53 PM	25.475	0	0	0	Fumigation	6.33	50
	09/09/2025 04:07 PM	28.2	0	0	0	Fumigation	6.04	27
	09/09/2025 04:21 PM	29.1	0	0	0	Fumigation	5.9	43
	09/09/2025 04:35 PM	9.375	0	0	0	Fumigation	3.51	67
	09/09/2025 04:49 PM	6.675	0	0	0	Fumigation	5.22	20
	09/09/2025 05:03 PM	11.55	0	0	0	Fumigation	2.58	153
	09/09/2025 05:18 PM	9.05	0	0	0	Fumigation	2.23	186
	09/09/2025 05:32 PM	8.75	0	0	0	Fumigation	2.52	145
	09/09/2025 05:46 PM	9.425	0	0	0	Fumigation	2.47	165
	09/09/2025 06:00 PM	8.8	0	0	0	Fumigation	3.24	236
	09/09/2025 06:14 PM	7.925	0	0	0	Fumigation	4.01	265
	09/09/2025 06:28 PM	9.425	0	0	0	Fumigation	4.97	283
	09/09/2025 06:42 PM	10.15	0	0	0	Fumigation	6.17	289

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

QUATTRO PORTS

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	09/09/2025 06:56 PM	9.45	0	0	0	Fumigation	6.28	290
	09/09/2025 07:10 PM	7.725	0	0	0	Fumigation	5.88	290
	09/09/2025 07:24 PM	8.5	0	0	0	Fumigation	6.45	289
	09/09/2025 07:38 PM	8.5	0	0	0	Fumigation	7.1	290
	09/09/2025 07:52 PM	7.9	0	0	0	Fumigation	6.56	281
	09/09/2025 08:06 PM	8.525	0	0	0	Fumigation	5.82	286
	09/09/2025 08:20 PM	7.725	0	0	0	Fumigation	5.06	273
	09/09/2025 08:34 PM	7.875	0	0	0	Fumigation	10.25	163
	09/09/2025 08:49 PM	6.875	0	0	0	Fumigation	12.78	164
	09/09/2025 09:03 PM	7.475	0	0	0	Fumigation	12.01	179
	09/09/2025 09:17 PM	7.5	0	0	0	Fumigation	12.25	192
	09/09/2025 09:31 PM	6.8	0	0	0	Fumigation	10.16	201
	09/09/2025 09:45 PM	8.425	0	0	0	Fumigation	8.72	206
	09/09/2025 09:59 PM	7.525	0	0	0	Fumigation	13.81	207
	09/09/2025 10:13 PM	8.3	0	0	0	Fumigation	13.04	204
	09/09/2025 10:27 PM	8.875	0	0	0	Fumigation	14.47	211
	09/09/2025 10:41 PM	7.85	0	0	0	Fumigation	11.99	203
	09/09/2025 10:55 PM	8.125	0	0	0	Fumigation	12.39	203
	09/09/2025 11:09 PM	6.925	0	0	0	Fumigation	11.25	208

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	09/09/2025 11:23 PM	8.05	0	0	0	Fumigation	14.22	203
	09/09/2025 11:37 PM	8.075	0	0	0	Fumigation	13.76	204
	09/09/2025 11:51 PM	8.7	0	0	0	Fumigation	12.11	201
	10/09/2025 12:05 AM	7.825	0	0	0	Fumigation	11.98	198
	10/09/2025 12:20 AM	6.925	0	0	0	Fumigation	10.95	206
	10/09/2025 12:34 AM	7.875	0	0	0	Fumigation	11.7	203
	10/09/2025 12:48 AM	7.175	0	0	0	Fumigation	11.81	202
	10/09/2025 01:02 AM	6.45	0	0	0	Fumigation	13.4	213
	10/09/2025 01:16 AM	9.05	0	0	0	Fumigation	12.15	212
	10/09/2025 01:30 AM	6.775	0	0	0	Fumigation	11.28	209
	10/09/2025 01:44 AM	7.525	0	0	0	Fumigation	9.35	207
	10/09/2025 01:58 AM	6.475	0	0	0	Fumigation	8.44	205
	10/09/2025 02:12 AM	7.325	0	0	0	Fumigation	7.73	195
	10/09/2025 02:26 AM	7.35	0	0	0	Fumigation	8.29	202
	10/09/2025 02:40 AM	7.4	0	0	0	Fumigation	8.68	201
	10/09/2025 02:54 AM	8.3	0	0	0	Fumigation	7.45	197
	10/09/2025 03:08 AM	7.525	0	0	0	Fumigation	8.52	192
	10/09/2025 03:22 AM	7.425	0	0	0	Fumigation	10.03	206
	10/09/2025 03:36 AM	8.05	0	0	0	Fumigation	7.72	202

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	10/09/2025 03:51 AM	8.3	0	0	0	Fumigation	6.54	195
	10/09/2025 04:05 AM	8.275	0	0	0	Fumigation	7.81	198
	10/09/2025 04:19 AM	8.375	0	0	0	Fumigation	7.4	199
	10/09/2025 04:33 AM	7.35	0	0	0	Fumigation	5.68	216
	10/09/2025 04:47 AM	7.575	0	0	0	Fumigation	6.08	197
	10/09/2025 05:01 AM	8.1	0	0	0	Fumigation	8.12	202
	10/09/2025 05:15 AM	7.275	0	0	0	Fumigation	7.68	198
	10/09/2025 05:29 AM	8.25	0	0	0	Fumigation	5.97	199
	10/09/2025 05:43 AM	7.4	0	0	0	Fumigation	3.76	214
	10/09/2025 05:57 AM	8.3	0	0	0	Fumigation	4.31	209
	10/09/2025 06:11 AM	7.6	0	0	0	Fumigation	4.18	192
	10/09/2025 06:25 AM	6.65	0	0	0	Fumigation	6.01	191
	10/09/2025 06:39 AM	8.025	0	0	0	Fumigation	7.02	199
	10/09/2025 06:53 AM	8.325	0	0	0	Fumigation	6.54	214
	10/09/2025 07:07 AM	8.1	0	0	0	Fumigation	6.85	201
	10/09/2025 07:22 AM	8.275	0	0	0	Fumigation	5.45	192
	10/09/2025 07:36 AM	6.925	0	0	0	Fumigation	3.18	217
	10/09/2025 07:50 AM	6.575	0	0	0	Fumigation	3.75	242
	10/09/2025 08:04 AM	6.6	0	0	0	Fumigation	6.33	194

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	10/09/2025 08:18 AM	7.375	0	0	0	Fumigation	8.19	193
	10/09/2025 08:32 AM	7.5	0	0	0	Fumigation	7.01	202
	10/09/2025 08:46 AM	7.275	0	0	0	Fumigation	6.06	206
	10/09/2025 09:00 AM	7.525	0	0	0	Fumigation	9.74	191
	10/09/2025 09:14 AM	7.575	0	0	0	Fumigation	12.88	196
	10/09/2025 09:28 AM	7.475	0	0	0	Fumigation	12.9	192
	10/09/2025 09:42 AM	3.85	0	0	0	Fumigation	11.71	202
	10/09/2025 09:56 AM	3.3	0	0	0	Fumigation	12.99	205
	10/09/2025 10:10 AM	3.9	0	0	0	Fumigation	14.87	200
	10/09/2025 10:24 AM	3.075	0	0	0	Fumigation	14.07	175
	10/09/2025 10:38 AM	3	0	0	0	Fumigation	10.59	192
	10/09/2025 10:53 AM	2.975	0	0	0	Fumigation	9.74	197
	10/09/2025 11:07 AM	3.3	0	0	0	Fumigation	11.08	182
	10/09/2025 11:21 AM	3	0	0	0	Fumigation	12.45	170
	10/09/2025 11:35 AM	3.075	0	0	0	Fumigation	11.09	194
	10/09/2025 11:49 AM	3.4	0	0	0	Fumigation	10.28	141
	10/09/2025 12:03 PM	3.075	0	0	0	Fumigation	11.6	150
	10/09/2025 12:17 PM	3.95	0	0	0	Fumigation	12	169
	10/09/2025 12:31 PM	1.375	0	0	0	Fumigation	13.47	156

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	10/09/2025 12:45 PM	2.75	0	0	0	Fumigation	14.33	149
	12/09/2025 06:13 AM	0.117	503	0.059	0	Initial Purging	4.41	255
	12/09/2025 06:25 AM	0.111	503	0.056	0	Initial Purging	3.52	259
	12/09/2025 06:37 AM	0.118	503	0.059	0	Initial Purging	4.05	245
	12/09/2025 06:49 AM	0.116	503	0.058	0	Initial Purging	4.99	255
	12/09/2025 07:01 AM	0.118	503	0.059	0	Purging	4.55	260
	12/09/2025 07:13 AM	0.133	503	0.067	0.058	Purging	3.22	266
	12/09/2025 07:25 AM	0.382	503	0.192	0.085	Purging	3.01	274
	12/09/2025 07:37 AM	0.438	503	0.22	0.118	Purging	3.53	242
	12/09/2025 07:49 AM	0.53	503	0.267	0.159	Purging	4.79	208
	12/09/2025 08:01 AM	0.547	503	0.275	0.203	Purging	7.76	193
	12/09/2025 08:13 AM	0.61	503	0.307	0.252	Purging	8.71	204
	12/09/2025 08:25 AM	0.639	503	0.321	0.278	Purging	10	206
	12/09/2025 08:37 AM	0.626	503	0.315	0.297	Purging	8.62	199
	12/09/2025 08:49 AM	0.638	503	0.321	0.308	Purging	8.07	203
	12/09/2025 09:01 AM	0.62	503	0.312	0.315	Purging	7.71	195
	12/09/2025 09:13 AM	0.601	503	0.302	0.314	Purging	6.93	184
	12/09/2025 09:25 AM	0.629	503	0.316	0.313	Purging	7.27	179
	12/09/2025 09:37 AM	0.624	503	0.314	0.313	Purging	5.22	186

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	12/09/2025 09:49 AM	0.633	503	0.318	0.313	Purging	4.44	189
	12/09/2025 10:01 AM	0.61	503	0.307	0.312	Purging	5	177
	12/09/2025 10:14 AM	0.593	503	0.298	0.311	Purging	7.42	153
	12/09/2025 10:26 AM	0.677	503	0.341	0.316	Purging	8.69	137
	12/09/2025 10:38 AM	0.614	503	0.309	0.315	Purging	9.53	127
	12/09/2025 10:50 AM	0.529	503	0.266	0.304	Purging	9.5	128
	12/09/2025 11:02 AM	0.661	503	0.332	0.309	Purging	9.35	127
	12/09/2025 11:14 AM	0.621	503	0.312	0.312	Purging	10.09	116
	12/09/2025 11:26 AM	0.622	503	0.313	0.306	Purging	9.93	122
	12/09/2025 11:38 AM	0.493	503	0.248	0.294	Purging	9.93	130
	12/09/2025 11:50 AM	0.686	503	0.345	0.31	Purging	10.29	128
	12/09/2025 12:02 PM	0.636	503	0.32	0.308	Purging	10.2	123
	12/09/2025 12:14 PM	0.573	503	0.288	0.303	Purging	8.75	117
	12/09/2025 12:26 PM	0.548	503	0.276	0.295	Purging	8.93	118
	12/09/2025 12:38 PM	0.637	503	0.32	0.31	Purging	8.9	116
	12/09/2025 12:50 PM	0.648	503	0.326	0.306	Purging	7.31	118
	12/09/2025 01:02 PM	0.513	503	0.258	0.294	Purging	7.7	119
	12/09/2025 01:14 PM	0.582	503	0.293	0.295	Purging	6.89	118
	12/09/2025 01:26 PM	0.567	503	0.285	0.296	Purging	6.76	116

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	12/09/2025 01:38 PM	0.517	503	0.26	0.284	Purging	7.29	119
	12/09/2025 01:50 PM	0.513	503	0.258	0.271	Purging	7.59	121
	12/09/2025 02:02 PM	0.59	503	0.297	0.279	Purging	6.27	113
	12/09/2025 02:14 PM	0.518	503	0.261	0.272	Purging	5.38	99
	12/09/2025 02:26 PM	0.507	503	0.255	0.266	Purging	4.6	98
	12/09/2025 02:38 PM	0.501	503	0.252	0.264	Purging	4.87	92
	12/09/2025 02:50 PM	0.509	503	0.256	0.264	Purging	4.34	77
	12/09/2025 03:02 PM	0.508	503	0.256	0.256	Purging	3.76	60
	12/09/2025 03:14 PM	0.474	503	0.238	0.251	Purging	3.78	56
	12/09/2025 03:26 PM	0.481	503	0.242	0.249	Purging	4.53	82
	12/09/2025 03:38 PM	0.494	503	0.248	0.248	Purging	3.88	73
	12/09/2025 03:50 PM	0.439	503	0.221	0.241	Purging	4.27	103
	12/09/2025 04:02 PM	0.41	503	0.206	0.231	Purging	3.97	94
	12/09/2025 04:15 PM	0.407	503	0.205	0.224	Purging	3.53	89
	12/09/2025 04:27 PM	0.411	503	0.207	0.217	Purging	2.65	61
	12/09/2025 04:39 PM	0.39	503	0.196	0.207	Purging	2.93	83
	12/09/2025 04:51 PM	0.384	503	0.193	0.201	Purging	3.43	107
	12/09/2025 05:03 PM	0.372	503	0.187	0.198	Purging	3.14	107
	12/09/2025 05:15 PM	0.357	503	0.18	0.193	Purging	3.63	103

Fumigation Gas Reading Log

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	12/09/2025 05:27 PM	0.344	503	0.173	0.186	Purging	3.63	110
	12/09/2025 05:39 PM	0.325	503	0.163	0.179	Purging	3.88	112
	12/09/2025 05:51 PM	0.3	503	0.151	0.171	Purging	3.42	101
	12/09/2025 06:03 PM	0.293	503	0.147	0.163	Purging	2.05	63
	12/09/2025 06:15 PM	0	503	0	0.127	Paused	1.47	58
	12/09/2025 06:27 PM	0	503	0	0.092	Paused	1.97	81
	12/09/2025 06:39 PM	0	503	0	0.06	Initial Purging	2.69	96
	12/09/2025 06:51 PM	0	503	0	0.029	Paused	1.61	198
	12/09/2025 07:03 PM	0	503	0	0	Initial Purging	2.44	285
	12/09/2025 07:15 PM	0.094	503	0.047	0.009	Purging	3.73	289
	12/09/2025 07:27 PM	0.18	503	0.091	0.028	Purging	3.03	292
	12/09/2025 07:39 PM	0.177	503	0.089	0.045	Purging	2.76	288
	12/09/2025 07:51 PM	0.191	503	0.096	0.065	Purging	2.42	274
	12/09/2025 08:03 PM	0.178	503	0.09	0.083	Purging	2.68	287
	12/09/2025 08:15 PM	0.173	503	0.087	0.09	Purging	2.42	276
	12/09/2025 08:27 PM	0.191	503	0.096	0.092	Purging	2.16	232
	12/09/2025 08:39 PM	0	503	0	0.074	Paused	1.99	266
	12/09/2025 08:51 PM	0	503	0	0.054	Paused	1.7	262
	12/09/2025 09:03 PM	0	503	0	0.037	Initial Purging	2.26	262

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	12/09/2025 09:15 PM	0	503	0	0.019	Initial Purging	3.44	258
	12/09/2025 09:27 PM	0	503	0	0	Initial Purging	3.02	247
	12/09/2025 09:39 PM	0	503	0	0	Initial Purging	4.16	255
	12/09/2025 09:51 PM	0.194	503	0.098	0.02	Purging	4.24	262
	12/09/2025 10:03 PM	0.209	503	0.105	0.041	Purging	4.88	261
	12/09/2025 10:16 PM	0.22	503	0.111	0.063	Purging	4.96	260
	12/09/2025 10:28 PM	0.216	503	0.109	0.084	Purging	4.9	270
	12/09/2025 10:40 PM	0.236	503	0.119	0.108	Purging	5.39	274
	12/09/2025 10:52 PM	0.245	503	0.123	0.113	Purging	6.12	275
	12/09/2025 11:04 PM	0.502	503	0.253	0.143	Purging	5.57	275
	12/09/2025 11:16 PM	0.468	503	0.235	0.168	Purging	5.81	283
	12/09/2025 11:28 PM	0.499	503	0.251	0.196	Purging	5.18	289
	12/09/2025 11:40 PM	0.469	503	0.236	0.22	Purging	7.08	281
	12/09/2025 11:52 PM	0.407	503	0.205	0.236	Purging	6.47	270
	13/09/2025 12:04 AM	0.375	503	0.189	0.223	Purging	5.52	278
	13/09/2025 12:16 AM	0.309	503	0.155	0.207	Purging	5.24	285
	13/09/2025 12:28 AM	0.267	503	0.134	0.184	Purging	5.77	285
	13/09/2025 12:40 AM	0.245	503	0.123	0.161	Purging	5.87	285
	13/09/2025 12:52 AM	0.235	503	0.118	0.144	Purging	5.05	276

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	13/09/2025 01:04 AM	0.211	503	0.106	0.127	Purging	6.04	281
	13/09/2025 01:16 AM	0.177	503	0.089	0.114	Purging	6.18	281
	13/09/2025 01:28 AM	0.178	503	0.09	0.105	Purging	7.05	279
	13/09/2025 01:40 AM	0.171	503	0.086	0.098	Purging	6.05	277
	13/09/2025 01:52 AM	0.163	503	0.082	0.09	Purging	5.27	263
	13/09/2025 02:04 AM	0.155	503	0.078	0.085	Purging	3.88	267
	13/09/2025 02:16 AM	0.168	503	0.085	0.084	Purging	4.4	275
	13/09/2025 02:28 AM	0.141	503	0.071	0.08	Purging	5.55	280
	13/09/2025 02:40 AM	0.136	503	0.068	0.077	Purging	3.69	262
	13/09/2025 02:52 AM	0.134	503	0.067	0.074	Purging	5.34	279
	13/09/2025 03:04 AM	0.119	503	0.06	0.07	Purging	4.28	274
	13/09/2025 03:16 AM	0.126	503	0.063	0.066	Purging	5	280
	13/09/2025 03:28 AM	0.106	503	0.053	0.063	Purging	4.33	282
	13/09/2025 03:40 AM	0.123	503	0.062	0.061	Purging	3.18	248
	13/09/2025 03:52 AM	0.1	503	0.05	0.058	Purging	4.18	272
	13/09/2025 04:04 AM	0.096	503	0.048	0.055	Purging	4.4	283
	13/09/2025 04:17 AM	0.096	503	0.048	0.052	Purging	5.08	286
	13/09/2025 04:29 AM	0.09	503	0.045	0.051	Purging	4.79	284
	13/09/2025 04:41 AM	0.093	503	0.047	0.048	Purging	5.58	287

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	13/09/2025 04:53 AM	0.086	503	0.043	0.046	Purging	6.24	282
	13/09/2025 05:05 AM	0.074	503	0.037	0.044	Purging	7.73	286
	13/09/2025 05:17 AM	0.074	503	0.037	0.042	Purging	8.41	281
	13/09/2025 05:29 AM	0.069	503	0.035	0.04	Purging	7.13	279
	13/09/2025 05:41 AM	0.073	503	0.037	0.038	Purging	5.84	277
	13/09/2025 05:53 AM	0.071	503	0.036	0.036	Purging	5.34	283
	13/09/2025 06:05 AM	0.065	503	0.033	0.035	Purging	5.9	282
	13/09/2025 06:17 AM	0.06	503	0.03	0.034	Purging	5.27	269
	13/09/2025 06:29 AM	0.059	503	0.03	0.033	Purging	4.35	259
	13/09/2025 06:41 AM	0.053	503	0.027	0.031	Purging	3.41	268
	13/09/2025 06:53 AM	0.055	503	0.028	0.029	Purging	3.15	206
	13/09/2025 07:05 AM	0.047	503	0.024	0.028	Purging	1.66	233
	13/09/2025 07:17 AM	0.046	503	0.023	0.026	Purging	1.48	170
	13/09/2025 07:29 AM	0.049	503	0.025	0.025	Purging	1.9	164
	13/09/2025 07:41 AM	0.035	503	0.018	0.023	Purging	1.53	119
	13/09/2025 07:53 AM	0.041	503	0.021	0.022	Purging	1.47	130
	13/09/2025 08:05 AM	0.036	503	0.018	0.021	Purging	2.33	245
	13/09/2025 08:17 AM	0.031	503	0.016	0.019	Purging	2.82	298
	13/09/2025 08:29 AM	0.035	503	0.018	0.018	Purging	1.76	294

Fumigation Gas Reading Log

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	13/09/2025 08:41 AM	0.038	503	0.019	0.018	Purging	1.24	213
	13/09/2025 08:53 AM	0.039	503	0.02	0.018	Purging	2.08	230
	13/09/2025 09:05 AM	0.029	503	0.015	0.017	Purging	1.76	248
	13/09/2025 09:17 AM	0.036	503	0.018	0.018	Purging	4.41	295
	13/09/2025 09:29 AM	0.041	503	0.021	0.018	Purging	6.9	292
	13/09/2025 09:41 AM	0.03	503	0.015	0.018	Purging	7.34	286
	13/09/2025 09:53 AM	0.034	503	0.017	0.017	Purging	4.48	193
	13/09/2025 10:05 AM	0.037	503	0.019	0.018	Purging	4.19	74
	13/09/2025 10:18 AM	0.042	503	0.021	0.018	Purging	5.51	83
	13/09/2025 10:30 AM	0.03	503	0.015	0.017	Purging	5.29	70
	13/09/2025 10:42 AM	0.031	503	0.016	0.017	Purging	5.31	55
	13/09/2025 10:54 AM	0.051	503	0.026	0.019	Purging	6.02	63
	13/09/2025 11:06 AM	0.019	503	0.01	0.017	Purging	6.2	60
	13/09/2025 11:18 AM	0.029	503	0.015	0.016	Purging	6.34	59
	13/09/2025 11:30 AM	0.028	503	0.014	0.016	Purging	5.85	54
	13/09/2025 11:42 AM	0.025	503	0.013	0.015	Purging	6.33	44
	13/09/2025 11:54 AM	0.046	503	0.023	0.015	Purging	6.17	29
	13/09/2025 12:06 PM	0.034	503	0.017	0.016	Purging	4.77	45
	13/09/2025 12:18 PM	0.051	503	0.026	0.018	Purging	6.5	28

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	13/09/2025 12:30 PM	0.021	503	0.011	0.018	Purging	8.08	27
	13/09/2025 12:42 PM	0.058	503	0.029	0.021	Purging	8.99	29
	13/09/2025 12:54 PM	0.016	503	0.008	0.018	Purging	8.71	26
	13/09/2025 01:06 PM	0.03	503	0.015	0.018	Purging	8.2	41
	13/09/2025 01:18 PM	0.031	503	0.016	0.016	Purging	8.42	26
	13/09/2025 01:30 PM	0.023	503	0.012	0.016	Purging	7.97	21
	13/09/2025 01:42 PM	0.037	503	0.019	0.014	Purging	8.34	41
	13/09/2025 01:54 PM	0.019	503	0.01	0.014	Purging	8.17	40
	13/09/2025 02:06 PM	0.028	503	0.014	0.014	Purging	8.92	46
	13/09/2025 02:18 PM	0.035	503	0.018	0.014	Purging	9.62	24
	13/09/2025 02:30 PM	0.036	503	0.018	0.016	Purging	9.29	24
	13/09/2025 02:42 PM	0.033	503	0.017	0.015	Purging	6.9	54
	13/09/2025 02:54 PM	0.024	503	0.012	0.016	Purging	5.32	55
	13/09/2025 03:06 PM	0.03	503	0.015	0.016	Purging	6.25	29
	13/09/2025 03:18 PM	0.034	503	0.017	0.016	Purging	6.19	28
	13/09/2025 03:30 PM	0.02	503	0.01	0.014	Purging	5.98	28
	13/09/2025 03:42 PM	0.043	503	0.022	0.015	Purging	4.81	30
	13/09/2025 03:54 PM	0.052	503	0.026	0.018	Purging	5.63	29
	13/09/2025 04:06 PM	0.027	503	0.014	0.018	Purging	4.71	26

Fumigation Gas Reading Log

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Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	13/09/2025 04:19 PM	0.039	503	0.02	0.018	Purging	4.7	54
	13/09/2025 04:31 PM	0.022	503	0.011	0.018	Purging	3.51	30
	13/09/2025 04:43 PM	0.039	503	0.02	0.018	Purging	3.13	40
	13/09/2025 04:55 PM	0.035	503	0.018	0.016	Purging	3.1	43
	13/09/2025 05:07 PM	0.023	503	0.012	0.016	Purging	2.79	43
	13/09/2025 05:19 PM	0.035	503	0.018	0.016	Purging	3.41	34
	13/09/2025 05:31 PM	0.003	503	0.002	0.014	Purging	3.68	32
	13/09/2025 05:43 PM	0	503	0	0.01	Purging	4.14	34
	13/09/2025 05:55 PM	0.002	503	0.001	0.006	Purging	3.86	27
	13/09/2025 06:07 PM	0.014	503	0.007	0.005	Purging	3.8	27
	13/09/2025 06:19 PM	0	503	0	0.002	Purging	3.73	47
	13/09/2025 06:31 PM	0	503	0	0.002	Purging	4.08	26
	13/09/2025 06:43 PM	0	503	0	0.002	Purging	4.2	25
	13/09/2025 06:55 PM	0	503	0	0.001	Purging	3.43	144
	13/09/2025 07:07 PM	0	503	0	0	Purging	2.62	315
	13/09/2025 07:19 PM	0	503	0	0	Purging	2.74	312
	13/09/2025 07:31 PM	0.006	503	0.003	0.001	Purging	2.75	305
	13/09/2025 07:43 PM	0	503	0	0.001	Purging	2.77	291
	13/09/2025 07:55 PM	0	503	0	0.001	Purging	2.24	285

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Selected Dates: 9/09/2025 and 14/09/2025

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025

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								
	13/09/2025 08:07 PM	0	503	0	0.001	Purging	1.62	259

Fumigation Gas Reading Log

Selected Dates: 9/09/2025 and 14/09/2025