QUATTRO PORTS

Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 19/12/2025 and 21/12/2025

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								
	19/12/2025 09:55 AM	0	0	0	0	Dosing	13.36	260
	19/12/2025 10:16 AM	0	0	0	0	Dosing	13.3	258
	19/12/2025 10:37 AM	5.7	0	0	0	Fumigation	13.27	257
	19/12/2025 10:58 AM	32.9	0	0	0	Fumigation	12.89	261
	19/12/2025 11:19 AM	30.3	0	0	0	Fumigation	12.83	263
	19/12/2025 11:40 AM	30.575	0	0	0	Fumigation	12.83	260
	19/12/2025 12:01 PM	28.875	0	0	0	Fumigation	12.56	262
	19/12/2025 12:22 PM	28.025	0	0	0	Fumigation	12.88	259
	19/12/2025 12:43 PM	31.475	0	0	0	Fumigation	12.62	260
	19/12/2025 01:05 PM	35.625	0	0	0	Fumigation	12.88	260
	19/12/2025 01:26 PM	25.425	0	0	0	Fumigation	13.2	257
	19/12/2025 01:47 PM	25.4	0	0	0	Fumigation	13.19	257
	19/12/2025 02:08 PM	25.15	0	0	0	Fumigation	12.64	261
	19/12/2025 02:29 PM	27.35	0	0	0	Fumigation	13.21	258
	19/12/2025 02:50 PM	24.7	0	0	0	Fumigation	12.84	259
	19/12/2025 03:11 PM	24.85	0	0	0	Fumigation	13.05	261
	19/12/2025 03:32 PM	22.6	0	0	0	Fumigation	12.83	259
	19/12/2025 03:53 PM	24.475	0	0	0	Fumigation	12.67	259
	19/12/2025 04:14 PM	18.675	0	0	0	Fumigation	12.31	256

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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								
	19/12/2025 04:36 PM	24.9	0	0	0	Fumigation	12.65	262
	19/12/2025 04:57 PM	20.95	0	0	0	Fumigation	12.67	259
	19/12/2025 05:18 PM	22	0	0	0	Fumigation	13.31	261
	19/12/2025 05:39 PM	18.525	0	0	0	Fumigation	13.31	260
	19/12/2025 06:00 PM	21.2	0	0	0	Fumigation	13.47	258
	19/12/2025 06:21 PM	16.225	0	0	0	Fumigation	13.46	260
	19/12/2025 06:42 PM	17.575	0	0	0	Fumigation	13.36	259
	19/12/2025 07:03 PM	16.825	0	0	0	Fumigation	13.33	261
	19/12/2025 07:24 PM	15.425	0	0	0	Fumigation	13.42	259
	19/12/2025 07:45 PM	22.1	0	0	0	Fumigation	13.55	259
	19/12/2025 08:07 PM	16.025	0	0	0	Fumigation	13.52	260
	19/12/2025 08:28 PM	17.025	0	0	0	Fumigation	13.46	259
	19/12/2025 08:49 PM	20.35	0	0	0	Fumigation	13.37	259
	19/12/2025 09:10 PM	20.2	0	0	0	Fumigation	13.31	261
	19/12/2025 09:31 PM	17.55	0	0	0	Fumigation	13.3	258
	19/12/2025 09:52 PM	17.425	0	0	0	Fumigation	13.23	259
	19/12/2025 10:13 PM	19.9	0	0	0	Fumigation	12.97	259
	19/12/2025 10:34 PM	17.35	0	0	0	Fumigation	12.9	257
	19/12/2025 10:55 PM	16.4	0	0	0	Fumigation	12.86	257

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Fumigation Gas Reading Log

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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								
	19/12/2025 11:16 PM	16.175	0	0	0	Fumigation	13.25	261
	19/12/2025 11:38 PM	19.225	0	0	0	Fumigation	13.25	258
	19/12/2025 11:59 PM	15.625	0	0	0	Fumigation	13.21	259
	20/12/2025 12:20 AM	12.925	0	0	0	Fumigation	13.33	259
	20/12/2025 12:41 AM	18.475	0	0	0	Fumigation	13.42	260
	20/12/2025 01:02 AM	18.325	0	0	0	Fumigation	13.42	262
	20/12/2025 01:23 AM	17.225	0	0	0	Fumigation	13.51	259
	20/12/2025 01:44 AM	17.35	0	0	0	Fumigation	13.56	261
	20/12/2025 02:05 AM	13.25	0	0	0	Fumigation	13.56	262
	20/12/2025 02:26 AM	14.275	0	0	0	Fumigation	13.65	258
	20/12/2025 02:47 AM	12.2	0	0	0	Fumigation	13.57	257
	20/12/2025 03:09 AM	14.65	0	0	0	Fumigation	13.56	260
	20/12/2025 03:30 AM	17.4	0	0	0	Fumigation	13.65	260
	20/12/2025 03:51 AM	15.375	0	0	0	Fumigation	13.7	258
	20/12/2025 04:12 AM	16.675	0	0	0	Fumigation	13.72	261
	20/12/2025 04:33 AM	5.95	0	0	0	Fumigation	13.66	260
	20/12/2025 04:54 AM	4.6	0	0	0	Fumigation	13.53	259
	20/12/2025 05:15 AM	8.375	0	0	0	Fumigation	13.59	259
	20/12/2025 05:36 AM	11.5	0	0	0	Fumigation	13.56	258

Fumigation Gas Reading Log

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Fumigation Gas Reading Log

Selected Dates: 19/12/2025 and 21/12/2025

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								
	20/12/2025 05:57 AM	8.075	0	0	0	Fumigation	13.61	258
	20/12/2025 06:18 AM	7.75	0	0	0	Fumigation	13.58	257
	20/12/2025 06:40 AM	9.4	0	0	0	Fumigation	13.57	261
	20/12/2025 07:01 AM	11.625	0	0	0	Fumigation	13.57	259
	20/12/2025 07:22 AM	10.225	0	0	0	Fumigation	13.54	258
	20/12/2025 07:43 AM	9.725	0	0	0	Fumigation	13.49	260
	20/12/2025 08:04 AM	14.025	0	0	0	Fumigation	13.52	257
	20/12/2025 08:18 AM	14.75	0	0	0	Fumigation	13.51	259
	20/12/2025 08:32 AM	12.7	0	0	0	Fumigation	13.49	259
	20/12/2025 08:46 AM	10.925	0	0	0	Fumigation	13.45	260
	20/12/2025 09:00 AM	11.175	0	0	0	Fumigation	13.46	260
	20/12/2025 09:14 AM	8.825	0	0	0	Fumigation	13.45	263
	20/12/2025 09:28 AM	9.8	0	0	0	Fumigation	13.45	258
	20/12/2025 09:42 AM	11.25	0	0	0	Fumigation	13.48	259
	20/12/2025 09:56 AM	11.85	0	0	0	Fumigation	13.49	258
	20/12/2025 10:11 AM	10.45	0	0	0	Fumigation	13.51	260
	20/12/2025 10:25 AM	13.3	0	0	0	Fumigation	13.45	260
	20/12/2025 10:39 AM	11.275	0	0	0	Fumigation	13.45	261
	20/12/2025 10:53 AM	13.725	0	0	0	Fumigation	13.48	260

Fumigation Gas Reading Log

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Fumigation Gas Reading Log

Selected Dates: 19/12/2025 and 21/12/2025

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								
	20/12/2025 11:07 AM	9.775	0	0	0	Fumigation	13.49	260
	20/12/2025 11:21 AM	8.5	0	0	0	Fumigation	13.39	262
	21/12/2025 07:43 AM	0	503	0	0	Initial Purging	13.67	262
	21/12/2025 07:55 AM	0	503	0	0	Initial Purging	13.69	265
	21/12/2025 08:07 AM	0	503	0	0	Initial Purging	13.67	261
	21/12/2025 08:19 AM	0.007	503	0.004	0	Initial Purging	13.65	259
	21/12/2025 08:31 AM	0	503	0	0.001	Initial Purging	13.64	257
	21/12/2025 08:43 AM	0	503	0	0.001	Initial Purging	13.61	257
	21/12/2025 08:55 AM	0	503	0	0.001	Purging	13.59	257
	21/12/2025 09:07 AM	0.017	503	0.009	0.002	Purging	13.55	259
	21/12/2025 09:19 AM	0.065	503	0.033	0.009	Purging	13.55	261
	21/12/2025 09:31 AM	0.1	503	0.05	0.018	Purging	13.57	259
	21/12/2025 09:43 AM	0.134	503	0.067	0.032	Purging	13.6	258
	21/12/2025 09:55 AM	0.149	503	0.075	0.047	Purging	13.6	256
	21/12/2025 10:07 AM	0.184	503	0.093	0.064	Purging	13.58	258
	21/12/2025 10:19 AM	0.21	503	0.106	0.078	Purging	13.52	258
	21/12/2025 10:31 AM	0.233	503	0.117	0.091	Purging	13.45	259
	21/12/2025 10:43 AM	0.256	503	0.129	0.104	Purging	13.4	259
	21/12/2025 10:55 AM	0.296	503	0.149	0.119	Purging	13.36	260

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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								
	21/12/2025 11:07 AM	0.306	503	0.154	0.131	Purging	13.29	260
	21/12/2025 11:19 AM	0.322	503	0.162	0.142	Purging	13.28	261
	21/12/2025 11:31 AM	0.333	503	0.167	0.152	Purging	13.27	258
	21/12/2025 11:43 AM	0.343	503	0.173	0.161	Purging	13.22	260
	21/12/2025 11:55 AM	0.352	503	0.177	0.167	Purging	13.19	264
	21/12/2025 12:07 PM	0.336	503	0.169	0.17	Purging	12.97	262
	21/12/2025 12:19 PM	0.318	503	0.16	0.169	Purging	12.94	260
	21/12/2025 12:31 PM	0.297	503	0.149	0.166	Purging	13.03	259
	21/12/2025 12:43 PM	0.287	503	0.144	0.16	Purging	12.86	260
	21/12/2025 12:55 PM	0.275	503	0.138	0.152	Purging	13.17	259
	21/12/2025 01:08 PM	0.253	503	0.127	0.144	Purging	13.24	259
	21/12/2025 01:20 PM	0.221	503	0.111	0.134	Purging	13.35	260
	21/12/2025 01:32 PM	0.185	503	0.093	0.123	Purging	13.32	259
	21/12/2025 01:44 PM	0.15	503	0.075	0.109	Purging	12.92	258
	21/12/2025 01:56 PM	0.124	503	0.062	0.094	Purging	12.51	259
	21/12/2025 02:08 PM	0.101	503	0.051	0.079	Purging	12.71	259
	21/12/2025 02:20 PM	0.075	503	0.038	0.064	Purging	12.92	260
	21/12/2025 02:32 PM	0.052	503	0.026	0.05	Purging	12.48	261
	21/12/2025 02:44 PM	0.04	503	0.02	0.039	Purging	12.46	260

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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								
	21/12/2025 02:56 PM	0.034	503	0.017	0.03	Purging	12.4	260
	21/12/2025 03:08 PM	0.025	503	0.013	0.023	Purging	12.5	260
	21/12/2025 03:20 PM	0.017	503	0.009	0.017	Purging	12.73	262
	21/12/2025 03:32 PM	0.007	503	0.004	0.012	Purging	12.73	262
	21/12/2025 03:44 PM	0.012	503	0.006	0.009	Purging	12.6	261
	21/12/2025 03:56 PM	0.007	503	0.004	0.007	Purging	12.58	258
	21/12/2025 04:08 PM	0	503	0	0.004	Purging	12.71	261
	21/12/2025 04:20 PM	0.004	503	0.002	0.003	Purging	13.29	259
	21/12/2025 04:32 PM	0	503	0	0.002	Purging	13.34	259
	21/12/2025 04:44 PM	0	503	0	0.001	Purging	13.39	259

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