



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 13/02/2023 and 17/02/2023

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: CL203								
	14/02/2023 09:44 AM	0	0	0	0	Dosing	16.62	193
	14/02/2023 09:58 AM	0	0	0	0	Dosing	13.49	197
	14/02/2023 10:12 AM	0	0	0	0	Dosing	12.71	211
	14/02/2023 10:26 AM	0	0	0	0	Dosing	11.65	198
	14/02/2023 10:40 AM	0	0	0	0	Dosing	11.34	195
	14/02/2023 10:54 AM	29.4	0	0	0	Fumigation	9	195
	14/02/2023 11:08 AM	28.375	0	0	0	Fumigation	12.38	192
	14/02/2023 11:22 AM	29.55	0	0	0	Fumigation	11.36	206
	14/02/2023 11:36 AM	29.05	0	0	0	Fumigation	10.99	211
	14/02/2023 11:50 AM	30.05	0	0	0	Fumigation	10.6	209
	14/02/2023 12:04 PM	30.275	0	0	0	Fumigation	9.18	205
	14/02/2023 12:18 PM	30.625	0	0	0	Fumigation	8.81	208
	14/02/2023 12:32 PM	53.925	0	0	0	Fumigation	11.35	214
	14/02/2023 12:47 PM	58.75	0	0	0	Fumigation	12.01	212
	14/02/2023 01:01 PM	19.189	0	0	0	Fumigation	8.96	204
	14/02/2023 01:15 PM	13.739	0	0	0	Fumigation	10.16	214
	14/02/2023 01:29 PM	3.039	0	0	0	Fumigation	8.69	209
	14/02/2023 01:43 PM	39.3	0	0	0	Fumigation	11.79	205
	14/02/2023 01:57 PM	32.925	0	0	0	Fumigation	13.69	204



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14/02/2023 02:11 PM	39.425	0	0	0	Fumigation	13.06	212
14/02/2023 02:25 PM	36.975	0	0	0	Fumigation	13.11	211
14/02/2023 02:39 PM	31.8	0	0	0	Fumigation	13.2	212
14/02/2023 02:53 PM	31.025	0	0	0	Fumigation	13.23	204
14/02/2023 03:07 PM	39.575	0	0	0	Fumigation	14.71	207
14/02/2023 03:21 PM	30.125	0	0	0	Fumigation	12.52	207
14/02/2023 03:35 PM	37.975	0	0	0	Fumigation	12.46	210
14/02/2023 03:49 PM	30.6	0	0	0	Fumigation	11.22	209
14/02/2023 04:03 PM	31.5	0	0	0	Fumigation	12.1	217
14/02/2023 04:18 PM	39.825	0	0	0	Fumigation	10.62	210
14/02/2023 04:32 PM	30.325	0	0	0	Fumigation	9.32	201
14/02/2023 04:46 PM	40.475	0	0	0	Fumigation	9.45	201
14/02/2023 05:00 PM	40.6	0	0	0	Fumigation	10	165
14/02/2023 05:14 PM	36.3	0	0	0	Fumigation	11.87	159
14/02/2023 05:28 PM	40.125	0	0	0	Fumigation	10.23	165
14/02/2023 05:42 PM	38.575	0	0	0	Fumigation	9.94	166
14/02/2023 05:56 PM	39.275	0	0	0	Fumigation	8.72	180
14/02/2023 06:10 PM	38	0	0	0	Fumigation	9.68	180
14/02/2023 06:24 PM	38.2	0	0	0	Fumigation	9.32	176
14/02/2023 06:38 PM	38.025	0	0	0	Fumigation	9.34	183
14/02/2023 06:52 PM	39	0	0	0	Fumigation	8.16	187
14/02/2023 07:06 PM	37.85	0	0	0	Fumigation	7.13	194
14/02/2023 07:20 PM	38.875	0	0	0	Fumigation	6.97	207



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Selected Dates: 13/02/2023 and 17/02/2023

14/02/2023 07:34 PM	38.325	0	0	0	Fumigation	8.1	204
14/02/2023 07:49 PM	38.325	0	0	0	Fumigation	7.21	201
14/02/2023 08:03 PM	36.875	0	0	0	Fumigation	8.59	209
14/02/2023 08:17 PM	36.925	0	0	0	Fumigation	8.56	201
14/02/2023 08:31 PM	36.7	0	0	0	Fumigation	7.67	208
14/02/2023 08:45 PM	36.525	0	0	0	Fumigation	6.99	217
14/02/2023 08:59 PM	36.525	0	0	0	Fumigation	5.09	229
14/02/2023 09:13 PM	37.35	0	0	0	Fumigation	5.83	235
14/02/2023 09:27 PM	34.575	0	0	0	Fumigation	5.6	242
14/02/2023 09:41 PM	35.75	0	0	0	Fumigation	5.55	244
14/02/2023 09:55 PM	36.275	0	0	0	Fumigation	4.35	245
14/02/2023 10:09 PM	35.125	0	0	0	Fumigation	3.52	242
14/02/2023 10:23 PM	35.2	0	0	0	Fumigation	4.93	234
14/02/2023 10:37 PM	35.575	0	0	0	Fumigation	4.42	226
14/02/2023 10:51 PM	34.925	0	0	0	Fumigation	3.19	229
14/02/2023 11:05 PM	34.6	0	0	0	Fumigation	1.71	212
14/02/2023 11:20 PM	33.425	0	0	0	Fumigation	2.19	200
14/02/2023 11:34 PM	34.225	0	0	0	Fumigation	0.99	179
14/02/2023 11:48 PM	33.625	0	0	0	Fumigation	1.68	173
15/02/2023 12:02 AM	32.35	0	0	0	Fumigation	1	174
15/02/2023 12:16 AM	32.55	0	0	0	Fumigation	1.78	251
15/02/2023 12:30 AM	32.625	0	0	0	Fumigation	1.15	196
15/02/2023 12:44 AM	34.525	0	0	0	Fumigation	2.59	208



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Selected Dates: 13/02/2023 and 17/02/2023

15/02/2023 12:58 AM	33.75	0	0	0	Fumigation	1.99	238
15/02/2023 01:12 AM	33.825	0	0	0	Fumigation	0.97	208
15/02/2023 01:26 AM	32.125	0	0	0	Fumigation	0.93	229
15/02/2023 01:40 AM	31.925	0	0	0	Fumigation	0.77	211
15/02/2023 01:54 AM	32.275	0	0	0	Fumigation	1.72	237
15/02/2023 02:08 AM	31.3	0	0	0	Fumigation	2.18	242
15/02/2023 02:22 AM	31.45	0	0	0	Fumigation	1.76	244
15/02/2023 02:36 AM	31.95	0	0	0	Fumigation	1.23	213
15/02/2023 02:51 AM	31.25	0	0	0	Fumigation	1.34	256
15/02/2023 03:05 AM	27.35	0	0	0	Fumigation	2.84	230
15/02/2023 03:19 AM	27.35	0	0	0	Fumigation	2.84	224
15/02/2023 03:33 AM	27.7	0	0	0	Fumigation	2.82	216
15/02/2023 03:47 AM	31	0	0	0	Fumigation	1.61	212
15/02/2023 04:01 AM	29.9	0	0	0	Fumigation	1.69	234
15/02/2023 04:15 AM	29.25	0	0	0	Fumigation	1.75	194
15/02/2023 04:29 AM	28.125	0	0	0	Fumigation	1.7	193
15/02/2023 04:43 AM	29.2	0	0	0	Fumigation	2.29	207
15/02/2023 04:57 AM	30.375	0	0	0	Fumigation	3.19	201
15/02/2023 05:11 AM	28.825	0	0	0	Fumigation	4.22	220
15/02/2023 05:25 AM	28.975	0	0	0	Fumigation	3.12	209
15/02/2023 05:39 AM	30.025	0	0	0	Fumigation	2.53	227
15/02/2023 05:53 AM	30.25	0	0	0	Fumigation	2.81	197
15/02/2023 06:07 AM	25.7	0	0	0	Fumigation	1.94	219



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Selected Dates: 13/02/2023 and 17/02/2023

15/02/2023 06:22 AM	31.125	0	0	0	Fumigation	1.04	187
15/02/2023 06:36 AM	29.675	0	0	0	Fumigation	2.4	158
15/02/2023 06:50 AM	29.05	0	0	0	Fumigation	2.35	147
15/02/2023 07:04 AM	30.775	0	0	0	Fumigation	2.19	160
15/02/2023 07:18 AM	28.95	0	0	0	Fumigation	0.99	235
15/02/2023 07:32 AM	26.75	0	0	0	Fumigation	1.14	265
15/02/2023 07:46 AM	26.05	0	0	0	Fumigation	0.73	243
15/02/2023 08:00 AM	27.85	0	0	0	Fumigation	1.07	229
15/02/2023 08:14 AM	25.125	0	0	0	Fumigation	1.49	271
15/02/2023 08:28 AM	27.6	0	0	0	Fumigation	1.39	264
15/02/2023 08:42 AM	28.425	0	0	0	Fumigation	1.52	258
15/02/2023 08:56 AM	27.725	0	0	0	Fumigation	1.36	151
15/02/2023 09:10 AM	28.675	0	0	0	Fumigation	1.75	179
15/02/2023 09:24 AM	26.025	0	0	0	Fumigation	2.11	155
15/02/2023 09:38 AM	25.625	0	0	0	Fumigation	3.14	132
15/02/2023 09:53 AM	26.15	0	0	0	Fumigation	5.25	114
15/02/2023 10:07 AM	26.6	0	0	0	Fumigation	6.1	112
15/02/2023 10:21 AM	26.125	0	0	0	Fumigation	6.89	103
15/02/2023 10:35 AM	24.1	0	0	0	Fumigation	6.71	118
15/02/2023 10:49 AM	17.125	0	0	0	Fumigation	6.84	107
15/02/2023 11:03 AM	17.375	0	0	0	Fumigation	6.87	107
15/02/2023 11:17 AM	15.45	0	0	0	Fumigation	7.23	106
15/02/2023 11:31 AM	14.2	0	0	0	Fumigation	7.44	113

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Selected Dates: 13/02/2023 and 17/02/2023

15/02/2023 11:45 AM	11.45	0	0	0	Fumigation	8.4	103
15/02/2023 11:59 AM	13.3	0	0	0	Fumigation	7.48	99
15/02/2023 12:13 PM	11.375	0	0	0	Fumigation	6.99	84
15/02/2023 12:27 PM	12.925	0	0	0	Fumigation	5.99	67
15/02/2023 12:41 PM	10.05	0	0	0	Fumigation	6.33	59
15/02/2023 12:55 PM	19.925	0	0	0	Fumigation	6.91	52
15/02/2023 01:09 PM	10.875	0	0	0	Fumigation	5.4	55
15/02/2023 01:24 PM	10.125	0	0	0	Fumigation	8.09	31
15/02/2023 01:38 PM	18.7	0	0	0	Fumigation	9.36	29
15/02/2023 01:52 PM	18.775	0	0	0	Fumigation	10.14	31
15/02/2023 02:06 PM	19.35	0	0	0	Fumigation	7.97	19
15/02/2023 02:20 PM	19.55	0	0	0	Fumigation	8.71	23
15/02/2023 02:34 PM	17.8	0	0	0	Fumigation	9.49	22
15/02/2023 08:11 PM	11.325	0	0	0	Fumigation	11.42	57
15/02/2023 08:18 PM	0.032	503	0.016	0	Initial Purging	11.84	78
15/02/2023 08:26 PM	0.011	503	0.006	0	Initial Purging	13.59	124
15/02/2023 08:33 PM	0.009	503	0.005	0	Initial Purging	13.03	79
15/02/2023 08:40 PM	0.007	503	0.004	0	Initial Purging	9.78	53
15/02/2023 08:47 PM	0.007	503	0.004	0	Initial Purging	8.16	29
15/02/2023 08:54 PM	0.01	503	0.005	0	Initial Purging	8.66	98
15/02/2023 09:01 PM	0.009	503	0.005	0	Initial Purging	8.35	100
15/02/2023 09:08 PM	0.007	503	0.004	0	Initial Purging	6.97	79
15/02/2023 09:15 PM	0	503	0	0	Paused	6.78	127

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Selected Dates: 13/02/2023 and 17/02/2023

15/02/2023 09:22 PM	0.077	503	0.039	0	Initial Purging	5.8	147
15/02/2023 09:29 PM	1.447	503	0.728	0	Initial Purging	3.96	233
15/02/2023 09:36 PM	0.032	503	0.016	0	Initial Purging	3.11	314
15/02/2023 09:43 PM	0.011	503	0.006	0	Initial Purging	3.06	306
15/02/2023 09:50 PM	0.009	503	0.005	0	Initial Purging	3.24	304
15/02/2023 09:57 PM	0.007	503	0.004	0	Initial Purging	3.53	318
15/02/2023 10:04 PM	0.007	503	0.004	0	Initial Purging	3.53	322
15/02/2023 10:11 PM	0.01	503	0.005	0	Initial Purging	3.49	324
15/02/2023 10:18 PM	0	503	0	0.048	Initial Purging	3.24	315
15/02/2023 10:25 PM	0	503	0	0.047	Initial Purging	3.53	312
15/02/2023 10:32 PM	0	503	0	0.047	Purging	3.68	311
15/02/2023 10:39 PM	0	503	0	0.047	Purging	3.38	310
15/02/2023 10:46 PM	0	503	0	0.047	Purging	3.41	314
15/02/2023 10:53 PM	0	503	0	0.047	Purging	4.15	318
15/02/2023 11:00 PM	0	503	0	0.047	Purging	3.84	316
15/02/2023 11:07 PM	0.117	503	0.059	0.05	Purging	3.54	314
15/02/2023 11:14 PM	0.299	503	0.15	0.059	Purging	3.42	313
15/02/2023 11:21 PM	0.457	503	0.23	0.073	Purging	3.57	322
15/02/2023 11:28 PM	0.537	503	0.27	0.086	Purging	3.71	321
15/02/2023 11:35 PM	0.571	503	0.287	0.06	Purging	3.71	315
15/02/2023 11:42 PM	0.574	503	0.289	0.076	Purging	3.74	314
15/02/2023 11:49 PM	0.584	503	0.294	0.093	Purging	4.25	319
15/02/2023 11:57 PM	0.57	503	0.287	0.11	Purging	3.9	319



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Selected Dates: 13/02/2023 and 17/02/2023

16/02/2023 12:04 AM	0.555	503	0.279	0.126	Purging	3.59	313
16/02/2023 12:11 AM	0.563	503	0.283	0.176	Purging	3.23	317
16/02/2023 12:18 AM	0.546	503	0.275	0.175	Purging	2.75	327
16/02/2023 12:25 AM	0.586	503	0.295	0.178	Purging	2.9	315
16/02/2023 12:32 AM	0.578	503	0.291	0.195	Purging	3.2	313
16/02/2023 12:39 AM	0.57	503	0.287	0.212	Purging	3.55	324
16/02/2023 12:46 AM	0.549	503	0.276	0.228	Purging	3.54	329
16/02/2023 12:53 AM	0.568	503	0.286	0.245	Purging	3.78	332
16/02/2023 01:00 AM	0.569	503	0.286	0.262	Purging	3.95	324
16/02/2023 01:07 AM	0.547	503	0.275	0.275	Purging	4.01	329
16/02/2023 01:14 AM	0.548	503	0.276	0.282	Purging	4.59	273
16/02/2023 01:21 AM	0.527	503	0.265	0.284	Purging	4.25	209
16/02/2023 01:28 AM	0.563	503	0.283	0.285	Purging	3.73	228
16/02/2023 01:35 AM	0.569	503	0.286	0.285	Purging	3.91	267
16/02/2023 01:42 AM	0.565	503	0.284	0.285	Purging	3.47	273
16/02/2023 01:49 AM	0.554	503	0.279	0.284	Purging	3.3	253
16/02/2023 01:56 AM	0.556	503	0.28	0.283	Purging	3.46	276
16/02/2023 02:03 AM	0.551	503	0.277	0.283	Purging	3.31	278
16/02/2023 02:10 AM	0.539	503	0.271	0.279	Purging	3.92	252
16/02/2023 02:17 AM	0.566	503	0.285	0.281	Purging	4.5	230
16/02/2023 02:24 AM	0.558	503	0.281	0.281	Purging	4.63	249
16/02/2023 02:31 AM	0.555	503	0.279	0.28	Purging	4.42	248
16/02/2023 02:38 AM	0.546	503	0.275	0.279	Purging	4.76	301



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Selected Dates: 13/02/2023 and 17/02/2023

16/02/2023 02:45 AM	0.576	503	0.29	0.28	Purging	4.71	300
16/02/2023 02:52 AM	0.578	503	0.291	0.281	Purging	4.13	227
16/02/2023 02:59 AM	0.575	503	0.289	0.281	Purging	3.46	249
16/02/2023 03:06 AM	0.567	503	0.285	0.281	Purging	3.05	227
16/02/2023 03:13 AM	0.555	503	0.279	0.281	Purging	4.13	182
16/02/2023 03:20 AM	0.562	503	0.283	0.282	Purging	5.48	95
16/02/2023 03:28 AM	0.555	503	0.279	0.282	Purging	5.72	52
16/02/2023 03:35 AM	0.556	503	0.28	0.282	Purging	4.64	120
16/02/2023 03:42 AM	0.562	503	0.283	0.282	Purging	4.97	122
16/02/2023 03:49 AM	0.553	503	0.278	0.282	Purging	5.38	100
16/02/2023 03:56 AM	0.546	503	0.275	0.281	Purging	5.02	98
16/02/2023 04:03 AM	0.556	503	0.28	0.282	Purging	5.32	212
16/02/2023 04:10 AM	0.562	503	0.283	0.282	Purging	5.2	278
16/02/2023 04:17 AM	0.543	503	0.273	0.28	Purging	3.63	290
16/02/2023 04:24 AM	0.585	503	0.294	0.284	Purging	2.61	259
16/02/2023 04:31 AM	0.574	503	0.289	0.285	Purging	2.7	258
16/02/2023 04:38 AM	0.551	503	0.277	0.285	Purging	3.7	282
16/02/2023 04:45 AM	0.555	503	0.279	0.284	Purging	4.03	262
16/02/2023 04:52 AM	0.548	503	0.276	0.283	Purging	3.76	277
16/02/2023 04:59 AM	0.537	503	0.27	0.282	Purging	3.79	292
16/02/2023 05:06 AM	0.561	503	0.282	0.282	Purging	3.66	308
16/02/2023 05:13 AM	0.554	503	0.279	0.282	Purging	3.28	309
16/02/2023 05:20 AM	0.561	503	0.282	0.282	Purging	3.28	316

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Selected Dates: 13/02/2023 and 17/02/2023

16/02/2023 05:27 AM	0.548	503	0.276	0.282	Purging	3.78	319
16/02/2023 05:34 AM	0.544	503	0.274	0.281	Purging	4.25	315
16/02/2023 05:41 AM	0.557	503	0.28	0.281	Purging	4.42	315
16/02/2023 05:48 AM	0.553	503	0.278	0.281	Purging	4.5	312
16/02/2023 05:55 AM	0.557	503	0.28	0.281	Purging	3.78	320
16/02/2023 06:02 AM	0.56	503	0.282	0.281	Purging	3.75	318
16/02/2023 06:09 AM	0.536	503	0.27	0.277	Purging	3.68	317
16/02/2023 06:16 AM	0.541	503	0.272	0.278	Purging	3.27	327
16/02/2023 06:23 AM	0.569	503	0.286	0.28	Purging	3.14	311
16/02/2023 06:30 AM	0.561	503	0.282	0.28	Purging	3.29	292
16/02/2023 06:37 AM	0.55	503	0.277	0.28	Purging	3.65	300
16/02/2023 06:44 AM	0.552	503	0.278	0.28	Purging	3.87	307
16/02/2023 06:51 AM	0.562	503	0.283	0.28	Purging	3.7	302
16/02/2023 06:59 AM	0.536	503	0.27	0.28	Purging	3.94	300
16/02/2023 07:06 AM	0.554	503	0.279	0.28	Purging	3.32	298
16/02/2023 07:13 AM	0.551	503	0.277	0.28	Purging	2.71	292
16/02/2023 07:20 AM	0.547	503	0.275	0.279	Purging	2.64	288
16/02/2023 07:27 AM	0.547	503	0.275	0.279	Purging	2.37	277
16/02/2023 07:34 AM	0.554	503	0.279	0.28	Purging	2.22	274
16/02/2023 07:41 AM	0.542	503	0.273	0.279	Purging	3.51	287
16/02/2023 07:48 AM	0.558	503	0.281	0.279	Purging	4.02	298
16/02/2023 07:55 AM	0.551	503	0.277	0.279	Purging	2.33	273
16/02/2023 08:02 AM	0.549	503	0.276	0.279	Purging	1.44	221



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Selected Dates: 13/02/2023 and 17/02/2023

16/02/2023 08:09 AM	0.545	503	0.274	0.277	Purging	1.33	167
16/02/2023 08:16 AM	0.562	503	0.283	0.278	Purging	1.8	137
16/02/2023 08:23 AM	0.545	503	0.274	0.277	Purging	2.26	132
16/02/2023 08:30 AM	0.556	503	0.28	0.276	Purging	2.93	108
16/02/2023 08:37 AM	0.54	503	0.272	0.276	Purging	4.78	58
16/02/2023 08:44 AM	0.534	503	0.269	0.276	Purging	4.98	33
16/02/2023 08:51 AM	0.538	503	0.271	0.275	Purging	4.21	15
16/02/2023 08:58 AM	0.533	503	0.268	0.275	Purging	4.02	19
16/02/2023 09:05 AM	0.534	503	0.269	0.274	Purging	4.15	15
16/02/2023 09:12 AM	0.507	503	0.255	0.273	Purging	3.8	15
16/02/2023 09:19 AM	0.517	503	0.26	0.272	Purging	3.89	14
16/02/2023 09:26 AM	0.511	503	0.257	0.271	Purging	4.04	37
16/02/2023 09:33 AM	0.54	503	0.272	0.271	Purging	4.75	41
16/02/2023 09:40 AM	0.549	503	0.276	0.271	Purging	5.47	21
16/02/2023 09:47 AM	0.537	503	0.27	0.27	Purging	6.37	44
16/02/2023 09:54 AM	1.282	503	0.645	0.292	Purging	6.67	64
16/02/2023 10:01 AM	0.486	503	0.244	0.29	Purging	6.92	69
16/02/2023 10:08 AM	0.478	503	0.24	0.284	Purging	6.83	28
16/02/2023 10:15 AM	0.479	503	0.241	0.284	Purging	7.33	26
16/02/2023 10:22 AM	0.479	503	0.241	0.284	Purging	7.85	25
16/02/2023 10:30 AM	1.172	503	0.59	0.302	Purging	7.29	48
16/02/2023 10:37 AM	0.423	503	0.213	0.299	Purging	7.73	73
16/02/2023 10:44 AM	0.416	503	0.209	0.295	Purging	8	95

Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 13/02/2023 and 17/02/2023

16/02/2023 10:51 AM	0.41	503	0.206	0.292	Purging	7.86	92
16/02/2023 10:58 AM	0.427	503	0.215	0.288	Purging	8.82	46
16/02/2023 11:05 AM	1.04	503	0.523	0.303	Purging	8.81	19
16/02/2023 11:12 AM	0.983	503	0.494	0.318	Purging	8.26	17
16/02/2023 11:19 AM	0.62	503	0.312	0.321	Purging	8.88	17
16/02/2023 11:26 AM	0.486	503	0.244	0.32	Purging	9.78	18
16/02/2023 11:33 AM	0.91	503	0.458	0.331	Purging	8.9	18
16/02/2023 11:40 AM	0.856	503	0.431	0.34	Purging	7.61	59
16/02/2023 11:47 AM	0.829	503	0.417	0.348	Purging	7.41	60
16/02/2023 11:54 AM	0.796	503	0.4	0.334	Purging	8.04	19
16/02/2023 12:01 PM	0.737	503	0.371	0.342	Purging	8.07	17
16/02/2023 12:08 PM	0.729	503	0.367	0.364	Purging	8.41	14
16/02/2023 12:15 PM	0.695	503	0.35	0.361	Purging	8.85	36
16/02/2023 12:22 PM	0.676	503	0.34	0.359	Purging	8.61	60
16/02/2023 12:29 PM	0.648	503	0.326	0.344	Purging	8.89	59
16/02/2023 12:36 PM	0.605	503	0.304	0.349	Purging	8.69	85
16/02/2023 12:43 PM	0.567	503	0.285	0.353	Purging	9.26	62
16/02/2023 12:50 PM	0.546	503	0.275	0.357	Purging	8.7	39
16/02/2023 12:57 PM	0.519	503	0.261	0.36	Purging	8.5	38
16/02/2023 01:04 PM	0.502	503	0.253	0.344	Purging	9.04	35
16/02/2023 01:11 PM	0.473	503	0.238	0.329	Purging	9.15	16
16/02/2023 01:18 PM	0.456	503	0.229	0.324	Purging	10.21	38
16/02/2023 01:25 PM	0.433	503	0.218	0.323	Purging	10.91	39



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 13/02/2023 and 17/02/2023

16/02/2023 01:32 PM	0.416	503	0.209	0.308	Purging	11.58	40
16/02/2023 01:39 PM	0.393	503	0.198	0.294	Purging	11.85	60
16/02/2023 01:46 PM	0.385	503	0.194	0.281	Purging	12.22	58
16/02/2023 01:53 PM	0.38	503	0.191	0.269	Purging	12.28	56
16/02/2023 02:01 PM	0.359	503	0.181	0.258	Purging	11.48	33
16/02/2023 02:08 PM	0.351	503	0.177	0.229	Purging	10.58	11
16/02/2023 02:15 PM	0.339	503	0.171	0.228	Purging	11.21	36
16/02/2023 02:22 PM	0.323	503	0.162	0.226	Purging	12.02	36
16/02/2023 02:29 PM	0.319	503	0.16	0.217	Purging	12.86	58
16/02/2023 02:36 PM	0.308	503	0.155	0.208	Purging	12.28	103
16/02/2023 02:43 PM	0.292	503	0.147	0.2	Purging	12.02	100
16/02/2023 02:50 PM	0.282	503	0.142	0.192	Purging	12.71	54
16/02/2023 02:57 PM	0.277	503	0.139	0.185	Purging	13.96	6
16/02/2023 03:04 PM	0.262	503	0.132	0.178	Purging	13.83	8
16/02/2023 03:11 PM	0.255	503	0.128	0.171	Purging	13.16	33
16/02/2023 03:18 PM	0.244	503	0.123	0.165	Purging	12.13	54
16/02/2023 03:25 PM	0.232	503	0.117	0.159	Purging	11.47	78
16/02/2023 03:32 PM	0.228	503	0.115	0.153	Purging	11.03	56
16/02/2023 03:39 PM	0.221	503	0.111	0.148	Purging	11.62	11
16/02/2023 03:46 PM	0.209	503	0.105	0.143	Purging	12.56	14
16/02/2023 03:53 PM	0.206	503	0.104	0.138	Purging	13.29	38
16/02/2023 04:00 PM	0.194	503	0.098	0.133	Purging	12.78	83
16/02/2023 04:07 PM	0.187	503	0.094	0.121	Purging	12.32	80



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 13/02/2023 and 17/02/2023

16/02/2023 04:14 PM	0.178	503	0.09	0.12	Purging	14.16	37
16/02/2023 04:21 PM	0.172	503	0.087	0.12	Purging	13.42	35
16/02/2023 04:28 PM	0.169	503	0.085	0.115	Purging	12.57	40
16/02/2023 04:35 PM	0.166	503	0.083	0.111	Purging	12.77	21
16/02/2023 04:42 PM	0.158	503	0.079	0.107	Purging	11.49	16
16/02/2023 04:49 PM	0.158	503	0.079	0.103	Purging	12.31	17
16/02/2023 04:56 PM	0.155	503	0.078	0.1	Purging	14.47	29
16/02/2023 05:03 PM	0.155	503	0.078	0.097	Purging	16.15	28
16/02/2023 05:10 PM	0.15	503	0.075	0.094	Purging	16.9	22
16/02/2023 05:17 PM	0.145	503	0.073	0.091	Purging	15.68	22
16/02/2023 05:24 PM	0.146	503	0.073	0.088	Purging	16.33	25
16/02/2023 05:32 PM	0.142	503	0.071	0.086	Purging	16.56	27
16/02/2023 05:39 PM	0.135	503	0.068	0.083	Purging	15.06	23
16/02/2023 05:46 PM	0.138	503	0.069	0.081	Purging	13.59	46
16/02/2023 05:53 PM	0.13	503	0.065	0.079	Purging	13	44
16/02/2023 06:00 PM	0.13	503	0.065	0.077	Purging	12.83	42
16/02/2023 06:07 PM	0.126	503	0.063	0.073	Purging	13.63	42
16/02/2023 06:14 PM	0.126	503	0.063	0.073	Purging	13.85	42
16/02/2023 06:21 PM	0.126	503	0.063	0.073	Purging	12.97	39
16/02/2023 06:28 PM	0.12	503	0.06	0.071	Purging	12.54	39
16/02/2023 06:35 PM	0.123	503	0.062	0.07	Purging	13.02	40
16/02/2023 06:42 PM	0.114	503	0.057	0.069	Purging	14.23	37
16/02/2023 06:49 PM	0.11	503	0.055	0.067	Purging	13.89	37



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 13/02/2023 and 17/02/2023

16/02/2023 06:56 PM	0.111	503	0.056	0.066	Purging	12.68	18
16/02/2023 07:03 PM	0.111	503	0.056	0.065	Purging	13.7	17
16/02/2023 07:10 PM	0.106	503	0.053	0.063	Purging	14.36	17
16/02/2023 07:17 PM	0.111	503	0.056	0.062	Purging	13.38	18
16/02/2023 07:24 PM	0.103	503	0.052	0.061	Purging	12.92	15
16/02/2023 07:31 PM	0.099	503	0.05	0.06	Purging	13.1	16
16/02/2023 07:38 PM	0.098	503	0.049	0.059	Purging	13.71	15
16/02/2023 07:45 PM	0.094	503	0.047	0.057	Purging	14.3	38
16/02/2023 07:52 PM	0.093	503	0.047	0.056	Purging	14.42	107
16/02/2023 07:59 PM	0.092	503	0.046	0.055	Purging	13.93	106
16/02/2023 08:06 PM	0.094	503	0.047	0.052	Purging	12.66	38
16/02/2023 08:13 PM	0.091	503	0.046	0.052	Purging	10.98	39
16/02/2023 08:20 PM	0.087	503	0.044	0.052	Purging	10.54	38
16/02/2023 08:27 PM	0.082	503	0.041	0.051	Purging	10.98	58
16/02/2023 08:34 PM	0.082	503	0.041	0.049	Purging	10.83	57
16/02/2023 08:41 PM	0.082	503	0.041	0.048	Purging	9.2	57
16/02/2023 08:48 PM	0.079	503	0.04	0.047	Purging	8.53	81
16/02/2023 08:55 PM	0.08	503	0.04	0.046	Purging	8.56	61
16/02/2023 09:03 PM	0.079	503	0.04	0.045	Purging	8.83	13
16/02/2023 09:10 PM	0.083	503	0.042	0.045	Purging	8.67	10
16/02/2023 09:17 PM	0.071	503	0.036	0.044	Purging	7.86	34
16/02/2023 09:24 PM	0.071	503	0.036	0.043	Purging	8.12	57
16/02/2023 09:31 PM	0.072	503	0.036	0.042	Purging	8.23	80

Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 13/02/2023 and 17/02/2023

16/02/2023 09:38 PM	0.072	503	0.036	0.041	Purging	7.83	56
16/02/2023 09:45 PM	0.072	503	0.036	0.041	Purging	7.63	51
16/02/2023 09:52 PM	0.067	503	0.034	0.04	Purging	6.32	96
16/02/2023 09:59 PM	0.067	503	0.034	0.039	Purging	5.94	184
16/02/2023 10:06 PM	0.067	503	0.034	0.037	Purging	6.45	185
16/02/2023 10:13 PM	0.062	503	0.031	0.037	Purging	5.39	189
16/02/2023 10:20 PM	0.062	503	0.031	0.037	Purging	4.95	232
16/02/2023 10:27 PM	0.063	503	0.032	0.036	Purging	4.87	184
16/02/2023 10:34 PM	0.066	503	0.033	0.036	Purging	4.53	205
16/02/2023 10:41 PM	0.056	503	0.028	0.035	Purging	3.71	290
16/02/2023 10:48 PM	0.055	503	0.028	0.034	Purging	3.82	320
16/02/2023 10:55 PM	0.062	503	0.031	0.034	Purging	4.31	315
16/02/2023 11:02 PM	0.055	503	0.028	0.033	Purging	3.8	325
16/02/2023 11:09 PM	0.059	503	0.03	0.032	Purging	2.89	326
16/02/2023 11:16 PM	0.052	503	0.026	0.032	Purging	2.54	283
16/02/2023 11:23 PM	0.055	503	0.028	0.031	Purging	2.63	203
16/02/2023 11:30 PM	0.055	503	0.028	0.031	Purging	2.59	226
16/02/2023 11:37 PM	0.055	503	0.028	0.03	Purging	2.29	274
16/02/2023 11:44 PM	0.051	503	0.026	0.03	Purging	2.51	276
16/02/2023 11:51 PM	0.051	503	0.026	0.029	Purging	2.87	190
16/02/2023 11:58 PM	0.05	503	0.025	0.029	Purging	3.38	82
17/02/2023 12:05 AM	0.048	503	0.024	0.028	Purging	3.78	13
17/02/2023 12:12 AM	0.051	503	0.026	0.028	Purging	3.72	32



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 13/02/2023 and 17/02/2023

17/02/2023 12:19 AM	0.051	503	0.026	0.028	Purging	2.9	101
17/02/2023 12:26 AM	0.051	503	0.026	0.027	Purging	2.54	217
17/02/2023 12:34 AM	0.048	503	0.024	0.027	Purging	2.78	232
17/02/2023 12:41 AM	0.048	503	0.024	0.027	Purging	2.6	243
17/02/2023 12:48 AM	0.047	503	0.024	0.026	Purging	2.37	248
17/02/2023 12:55 AM	0.043	503	0.022	0.026	Purging	2.68	252
17/02/2023 01:02 AM	0.048	503	0.024	0.025	Purging	3.34	254
17/02/2023 01:09 AM	0.042	503	0.021	0.025	Purging	3.42	229
17/02/2023 01:16 AM	0.046	503	0.023	0.025	Purging	3.13	206
17/02/2023 01:23 AM	0.048	503	0.024	0.025	Purging	3.05	272
17/02/2023 01:30 AM	0.043	503	0.022	0.024	Purging	3.12	269
17/02/2023 01:37 AM	0.041	503	0.021	0.024	Purging	3	295
17/02/2023 01:44 AM	0.038	503	0.019	0.023	Purging	2.71	279
17/02/2023 01:51 AM	0.04	503	0.02	0.023	Purging	2.5	270
17/02/2023 01:58 AM	0.04	503	0.02	0.023	Purging	2.59	309
17/02/2023 02:05 AM	0.04	503	0.02	0.022	Purging	2.53	270
17/02/2023 02:12 AM	0.039	503	0.02	0.022	Purging	2.35	296
17/02/2023 02:19 AM	0.04	503	0.02	0.022	Purging	2.83	298
17/02/2023 02:26 AM	0.04	503	0.02	0.022	Purging	3.26	317
17/02/2023 02:33 AM	0.035	503	0.018	0.021	Purging	3.44	329
17/02/2023 02:40 AM	0.04	503	0.02	0.021	Purging	3.84	327
17/02/2023 02:47 AM	0.04	503	0.02	0.021	Purging	4.08	307
17/02/2023 02:54 AM	0.036	503	0.018	0.021	Purging	4.32	287



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 13/02/2023 and 17/02/2023

17/02/2023 03:01 AM	0.04	503	0.02	0.02	Purging	4.27	306
17/02/2023 03:08 AM	0.036	503	0.018	0.02	Purging	4.47	323
17/02/2023 03:15 AM	0.036	503	0.018	0.02	Purging	4.3	318
17/02/2023 03:22 AM	0.033	503	0.017	0.019	Purging	3.89	315
17/02/2023 03:29 AM	0.036	503	0.018	0.019	Purging	3.68	280
17/02/2023 03:36 AM	0.035	503	0.018	0.019	Purging	3.16	246
17/02/2023 03:43 AM	0.031	503	0.016	0.019	Purging	3.42	205
17/02/2023 03:50 AM	0.047	503	0.024	0.019	Purging	3.85	274
17/02/2023 03:57 AM	0.034	503	0.017	0.019	Purging	3.84	274
17/02/2023 04:05 AM	0.054	503	0.027	0.02	Purging	4.42	255
17/02/2023 04:12 AM	0.051	503	0.026	0.02	Purging	4.87	281
17/02/2023 04:19 AM	0.033	503	0.017	0.018	Purging	4.42	326
17/02/2023 04:26 AM	0.034	503	0.017	0.018	Purging	3.45	298
17/02/2023 04:33 AM	0.043	503	0.022	0.018	Purging	3.66	271
17/02/2023 04:40 AM	0.05	503	0.025	0.019	Purging	4.16	293
17/02/2023 04:47 AM	0.043	503	0.022	0.019	Purging	4.32	272
17/02/2023 04:54 AM	0.035	503	0.018	0.019	Purging	3.65	249
17/02/2023 05:01 AM	0.037	503	0.019	0.018	Purging	3.52	311
17/02/2023 05:08 AM	0.044	503	0.022	0.019	Purging	3.39	327
17/02/2023 05:15 AM	0.05	503	0.025	0.019	Purging	3.84	328
17/02/2023 05:22 AM	0.039	503	0.02	0.019	Purging	4.43	309
17/02/2023 05:29 AM	0.044	503	0.022	0.02	Purging	4.21	270
17/02/2023 05:36 AM	0.033	503	0.017	0.02	Purging	4.25	270



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 13/02/2023 and 17/02/2023

17/02/2023 05:43 AM	0.039	503	0.02	0.02	Purging	4.5	306
17/02/2023 05:50 AM	0.04	503	0.02	0.02	Purging	4.02	323
17/02/2023 05:57 AM	0.031	503	0.016	0.02	Purging	4.43	321
17/02/2023 06:04 AM	0.031	503	0.016	0.019	Purging	5.04	320
17/02/2023 06:11 AM	0.052	503	0.026	0.021	Purging	5.35	314
17/02/2023 06:18 AM	0.028	503	0.014	0.019	Purging	5.24	317
17/02/2023 06:25 AM	0.033	503	0.017	0.019	Purging	4.16	299
17/02/2023 06:32 AM	0.021	503	0.011	0.018	Purging	2.74	278
17/02/2023 06:39 AM	0.023	503	0.012	0.018	Purging	2.35	302
17/02/2023 06:46 AM	0.024	503	0.012	0.017	Purging	2.12	243
17/02/2023 06:53 AM	0.023	503	0.012	0.017	Purging	2.39	94
17/02/2023 07:00 AM	0.023	503	0.012	0.016	Purging	2.6	74
17/02/2023 07:07 AM	0.023	503	0.012	0.016	Purging	2.15	226
17/02/2023 07:14 AM	0.019	503	0.01	0.015	Purging	2.02	321
17/02/2023 07:21 AM	0.027	503	0.014	0.014	Purging	2.29	308
17/02/2023 07:28 AM	0.024	503	0.012	0.014	Purging	2.69	318
17/02/2023 07:36 AM	0.019	503	0.01	0.013	Purging	2.14	282
17/02/2023 07:43 AM	0.023	503	0.012	0.013	Purging	1.71	261
17/02/2023 07:50 AM	0.021	503	0.011	0.012	Purging	2.54	157
17/02/2023 07:57 AM	0.02	503	0.01	0.012	Purging	2.25	82
17/02/2023 08:04 AM	0.019	503	0.01	0.011	Purging	1.4	164