



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 20/03/2024 and 25/03/2024

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: CL104								
	21/03/2024 04:19 PM	0	0	0	0	Dosing	7.61	153
	21/03/2024 04:31 PM	0	0	0	0	Dosing	7.65	151
	21/03/2024 04:43 PM	0	0	0	0	Dosing	7.23	176
	21/03/2024 04:55 PM	0	0	0	0	Dosing	4.91	181
	21/03/2024 05:07 PM	0	0	0	0	Dosing	5.06	154
	21/03/2024 05:19 PM	0	0	0	0	Dosing	6.64	160
	21/03/2024 05:31 PM	0	0	0	0	Dosing	8.12	158
	21/03/2024 05:43 PM	0	0	0	0	Dosing	9.39	150
	21/03/2024 05:55 PM	0	0	0	0	Dosing	8.34	150
	21/03/2024 06:07 PM	0	0	0	0	Dosing	8.77	159
	21/03/2024 06:19 PM	0	0	0	0	Dosing	8.19	155
	21/03/2024 06:31 PM	0	0	0	0	Dosing	11.01	148
	21/03/2024 06:44 PM	0	0	0	0	Dosing	9.1	145
	21/03/2024 06:56 PM	0	0	0	0	Dosing	9.12	155
	21/03/2024 07:08 PM	0	0	0	0	Dosing	9.79	148
	21/03/2024 07:20 PM	0	0	0	0	Dosing	8.73	156
	21/03/2024 07:32 PM	0	0	0	0	Dosing	8.47	155
	21/03/2024 07:44 PM	35.675	0	0	0	Fumigation	7.23	151
	21/03/2024 07:56 PM	39.425	0	0	0	Fumigation	6.92	149



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Selected Dates: 20/03/2024 and 25/03/2024

21/03/2024 08:08 PM	28.3	0	0	0	Fumigation	6.82	148
21/03/2024 08:20 PM	31.925	0	0	0	Fumigation	6.23	154
21/03/2024 08:32 PM	35.5	0	0	0	Fumigation	6.84	143
21/03/2024 08:44 PM	32.25	0	0	0	Fumigation	5.51	151
21/03/2024 08:56 PM	29.039	0	0	0	Fumigation	4.43	156
21/03/2024 09:08 PM	28.864	0	0	0	Fumigation	3.9	171
21/03/2024 09:20 PM	24.089	0	0	0	Fumigation	3	229
21/03/2024 09:32 PM	29.589	0	0	0	Fumigation	4.65	265
21/03/2024 09:44 PM	26.214	0	0	0	Fumigation	3.69	286
21/03/2024 09:56 PM	30.239	0	0	0	Fumigation	1.82	199
21/03/2024 10:08 PM	27.55	0	0	0	Fumigation	1.79	159
21/03/2024 10:20 PM	29.65	0	0	0	Fumigation	3.99	257
21/03/2024 10:32 PM	27.225	0	0	0	Fumigation	4.14	245
21/03/2024 10:44 PM	28.075	0	0	0	Fumigation	2.59	273
21/03/2024 10:56 PM	25.25	0	0	0	Fumigation	2.44	218
21/03/2024 11:08 PM	25.4	0	0	0	Fumigation	3.03	182
21/03/2024 11:20 PM	34.6	0	0	0	Fumigation	5.23	190
21/03/2024 11:32 PM	31.039	0	0	0	Fumigation	6.46	198
21/03/2024 11:44 PM	25.525	0	0	0	Fumigation	2.73	202
21/03/2024 11:56 PM	27.489	0	0	0	Fumigation	2.85	251
22/03/2024 12:08 AM	23.85	0	0	0	Fumigation	3.52	244
22/03/2024 12:20 AM	30.864	0	0	0	Fumigation	3.82	231
22/03/2024 12:32 AM	25.539	0	0	0	Fumigation	3.25	238



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Selected Dates: 20/03/2024 and 25/03/2024

22/03/2024 12:45 AM	25.5	0	0	0	Fumigation	2.62	257
22/03/2024 12:57 AM	31.064	0	0	0	Fumigation	3.15	235
22/03/2024 01:09 AM	31.45	0	0	0	Fumigation	2.89	250
22/03/2024 01:21 AM	32.939	0	0	0	Fumigation	2.99	241
22/03/2024 01:33 AM	34.439	0	0	0	Fumigation	3.01	240
22/03/2024 01:45 AM	32.089	0	0	0	Fumigation	2.36	248
22/03/2024 01:57 AM	30.289	0	0	0	Fumigation	2.42	254
22/03/2024 02:09 AM	25.089	0	0	0	Fumigation	1.55	258
22/03/2024 02:21 AM	28.314	0	0	0	Fumigation	2.42	254
22/03/2024 02:33 AM	30.264	0	0	0	Fumigation	3.82	235
22/03/2024 02:45 AM	31.439	0	0	0	Fumigation	3.22	240
22/03/2024 02:57 AM	33.714	0	0	0	Fumigation	4.53	231
22/03/2024 03:09 AM	30.164	0	0	0	Fumigation	4.47	236
22/03/2024 03:21 AM	25.564	0	0	0	Fumigation	4.34	234
22/03/2024 03:33 AM	24.714	0	0	0	Fumigation	4.38	236
22/03/2024 03:45 AM	31.575	0	0	0	Fumigation	2.28	248
22/03/2024 03:57 AM	31.35	0	0	0	Fumigation	2.33	242
22/03/2024 04:09 AM	31.825	0	0	0	Fumigation	2.48	252
22/03/2024 04:21 AM	25.1	0	0	0	Fumigation	2.6	260
22/03/2024 04:33 AM	31.314	0	0	0	Fumigation	2.74	259
22/03/2024 04:45 AM	22.025	0	0	0	Fumigation	3.44	268
22/03/2024 04:57 AM	23.175	0	0	0	Fumigation	2.89	258
22/03/2024 05:09 AM	28.175	0	0	0	Fumigation	3.82	252



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Selected Dates: 20/03/2024 and 25/03/2024

22/03/2024 05:21 AM	26.214	0	0	0	Fumigation	3.2	244
22/03/2024 05:33 AM	24.625	0	0	0	Fumigation	2.63	249
22/03/2024 05:45 AM	25.95	0	0	0	Fumigation	4.02	235
22/03/2024 05:57 AM	22.425	0	0	0	Fumigation	3.05	241
22/03/2024 06:09 AM	24.964	0	0	0	Fumigation	2.12	231
22/03/2024 06:21 AM	29.425	0	0	0	Fumigation	2.18	238
22/03/2024 06:33 AM	25.65	0	0	0	Fumigation	3.37	232
22/03/2024 06:46 AM	21.464	0	0	0	Fumigation	2.73	249
22/03/2024 06:58 AM	23.264	0	0	0	Fumigation	1.87	244
22/03/2024 07:10 AM	25.975	0	0	0	Fumigation	2.87	248
22/03/2024 07:22 AM	20.2	0	0	0	Fumigation	3.5	236
22/03/2024 07:34 AM	21.489	0	0	0	Fumigation	3.39	232
22/03/2024 07:46 AM	26.139	0	0	0	Fumigation	2.63	235
22/03/2024 07:58 AM	21.65	0	0	0	Fumigation	2.75	245
22/03/2024 08:10 AM	25.825	0	0	0	Fumigation	3	236
22/03/2024 08:22 AM	20.814	0	0	0	Fumigation	2.21	239
22/03/2024 08:34 AM	20.914	0	0	0	Fumigation	2.3	232
22/03/2024 08:46 AM	12.275	0	0	0	Fumigation	1.4	250
22/03/2024 08:58 AM	11.714	0	0	0	Fumigation	2.31	227
22/03/2024 09:10 AM	13.4	0	0	0	Fumigation	4.48	205
22/03/2024 09:22 AM	15.475	0	0	0	Fumigation	3.76	191
22/03/2024 09:34 AM	17.4	0	0	0	Fumigation	4.25	185
22/03/2024 09:46 AM	20.964	0	0	0	Fumigation	4.22	191



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Selected Dates: 20/03/2024 and 25/03/2024

22/03/2024 09:58 AM	16.075	0	0	0	Fumigation	3.99	175
22/03/2024 10:10 AM	19.2	0	0	0	Fumigation	3.46	172
22/03/2024 10:22 AM	15.375	0	0	0	Fumigation	3.55	158
22/03/2024 10:34 AM	11.389	0	0	0	Fumigation	3.57	124
22/03/2024 10:46 AM	11.95	0	0	0	Fumigation	4.2	121
22/03/2024 10:58 AM	10.675	0	0	0	Fumigation	4.01	106
22/03/2024 11:10 AM	17.475	0	0	0	Fumigation	4.26	102
22/03/2024 11:22 AM	14.25	0	0	0	Fumigation	4.09	95
22/03/2024 11:34 AM	15.85	0	0	0	Fumigation	3.75	99
22/03/2024 11:46 AM	12.3	0	0	0	Fumigation	3.55	89
22/03/2024 11:58 AM	10.85	0	0	0	Fumigation	3.12	79
22/03/2024 12:10 PM	16.564	0	0	0	Fumigation	3.29	79
22/03/2024 12:22 PM	9.875	0	0	0	Fumigation	3.23	43
22/03/2024 12:34 PM	14.4	0	0	0	Fumigation	3.36	31
22/03/2024 12:47 PM	9.225	0	0	0	Fumigation	3.22	53
22/03/2024 12:59 PM	10.375	0	0	0	Fumigation	3.55	39
22/03/2024 01:11 PM	11.95	0	0	0	Fumigation	3.44	33
22/03/2024 01:23 PM	12	0	0	0	Fumigation	3.77	38
22/03/2024 01:35 PM	7.75	0	0	0	Fumigation	4.54	48
22/03/2024 01:47 PM	10.214	0	0	0	Fumigation	4.81	50
22/03/2024 01:59 PM	14.85	0	0	0	Fumigation	3.92	72
22/03/2024 02:11 PM	9.05	0	0	0	Fumigation	3.41	78
22/03/2024 02:23 PM	15.9	0	0	0	Fumigation	3.21	42



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Selected Dates: 20/03/2024 and 25/03/2024

22/03/2024 02:35 PM	9.6	0	0	0	Fumigation	4.01	49
22/03/2024 02:47 PM	10.125	0	0	0	Fumigation	3.93	41
22/03/2024 02:59 PM	11.125	0	0	0	Fumigation	4.46	28
22/03/2024 03:11 PM	8.175	0	0	0	Fumigation	4.57	35
22/03/2024 03:23 PM	12.275	0	0	0	Fumigation	4.05	36
22/03/2024 03:35 PM	11.95	0	0	0	Fumigation	4.67	42
22/03/2024 03:47 PM	9.325	0	0	0	Fumigation	5.53	39
22/03/2024 03:59 PM	10.65	0	0	0	Fumigation	4.67	43
22/03/2024 04:11 PM	11.275	0	0	0	Fumigation	5.01	35
22/03/2024 04:23 PM	13.4	0	0	0	Fumigation	6.4	38
22/03/2024 04:35 PM	13.55	0	0	0	Fumigation	6.73	43
22/03/2024 04:47 PM	14.25	0	0	0	Fumigation	5.41	49
22/03/2024 04:59 PM	13.375	0	0	0	Fumigation	5.32	34
22/03/2024 05:11 PM	9.65	0	0	0	Fumigation	5.23	23
22/03/2024 05:23 PM	8.35	0	0	0	Fumigation	5.11	89
22/03/2024 05:35 PM	6.9	0	0	0	Fumigation	4.45	78
22/03/2024 05:47 PM	8.5	0	0	0	Fumigation	5.31	38
22/03/2024 05:59 PM	9.075	0	0	0	Fumigation	5.88	54
22/03/2024 06:11 PM	9.9	0	0	0	Fumigation	5.19	100
22/03/2024 06:20 PM	8.825	0	0	0	Fumigation	4.98	16
22/03/2024 06:34 PM	10.75	0	0	0	Fumigation	4.84	33
22/03/2024 06:48 PM	9.525	0	0	0	Fumigation	5.98	79
22/03/2024 07:02 PM	7.5	0	0	0	Fumigation	5.26	52



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Selected Dates: 20/03/2024 and 25/03/2024

22/03/2024 07:16 PM	9.5	0	0	0	Fumigation	5.45	99
22/03/2024 07:30 PM	10.85	0	0	0	Fumigation	2.96	228
22/03/2024 07:44 PM	9.05	0	0	0	Fumigation	2.57	289
22/03/2024 07:58 PM	9.4	0	0	0	Fumigation	1.76	266
22/03/2024 08:12 PM	8.575	0	0	0	Fumigation	1.97	335
22/03/2024 08:26 PM	7.15	0	0	0	Fumigation	2.23	227
22/03/2024 08:40 PM	9.1	0	0	0	Fumigation	1.84	303
22/03/2024 08:54 PM	10.225	0	0	0	Fumigation	2.13	295
22/03/2024 09:09 PM	7.875	0	0	0	Fumigation	2.14	273
22/03/2024 09:23 PM	8.475	0	0	0	Fumigation	2.32	316
22/03/2024 09:37 PM	0.143	1696	0.243	0	Initial Purging	2.18	309
22/03/2024 09:51 PM	0.176	1696	0.298	0	Initial Purging	3.88	301
22/03/2024 10:05 PM	0.189	1696	0.321	0	Initial Purging	3.75	316
22/03/2024 10:19 PM	0.199	1696	0.338	0	Initial Purging	4.61	251
22/03/2024 10:33 PM	0.222	1696	0.377	0.3	Initial Purging	3.65	307
22/03/2024 10:47 PM	0.235	1696	0.399	0.336	Initial Purging	3.93	209
22/03/2024 11:01 PM	0.258	1696	0.438	0.366	Initial Purging	4.24	142
22/03/2024 11:15 PM	0.287	1696	0.487	0.402	Initial Purging	4.94	30
22/03/2024 11:29 PM	0.307	1696	0.521	0.443	Initial Purging	2.74	221
22/03/2024 11:43 PM	0.319	1696	0.541	0.479	Initial Purging	3.88	316
22/03/2024 11:57 PM	0.328	1696	0.556	0.511	Initial Purging	3.87	307
23/03/2024 12:11 AM	0.326	1696	0.553	0.534	Initial Purging	4.96	310
23/03/2024 12:25 AM	0.314	1696	0.533	0.544	Initial Purging	6.84	307



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Selected Dates: 20/03/2024 and 25/03/2024

23/03/2024 12:40 AM	0.298	1696	0.505	0.541	Initial Purging	4.76	324
23/03/2024 12:54 AM	0.322	1696	0.546	0.535	Initial Purging	4.75	270
23/03/2024 01:08 AM	0.273	1696	0.463	0.523	Initial Purging	5.94	304
23/03/2024 01:22 AM	0.256	1696	0.434	0.499	Initial Purging	6.14	272
23/03/2024 01:36 AM	0.257	1696	0.436	0.479	Initial Purging	7.44	212
23/03/2024 01:50 AM	0.268	1696	0.455	0.459	Initial Purging	6.61	168
23/03/2024 02:04 AM	0.239	1696	0.405	0.44	Initial Purging	5.33	189
23/03/2024 02:18 AM	0.245	1696	0.416	0.43	Initial Purging	7.01	119
23/03/2024 02:32 AM	0.241	1696	0.409	0.425	Initial Purging	7.63	190
23/03/2024 02:46 AM	0.227	1696	0.385	0.412	Initial Purging	3.79	273
23/03/2024 03:00 AM	0.222	1696	0.377	0.4	Initial Purging	3.85	243
23/03/2024 03:07 AM	0.05	1696	0.085	0.36	Initial Purging	3.58	200
23/03/2024 03:14 AM	0.037	1696	0.063	0.316	Initial Purging	3.69	163
23/03/2024 03:21 AM	0.021	1696	0.036	0.268	Initial Purging	3.5	168
23/03/2024 03:28 AM	0.027	1696	0.046	0.223	Initial Purging	3.47	236
23/03/2024 03:35 AM	0.021	1696	0.036	0.176	Initial Purging	3.5	278
23/03/2024 03:42 AM	0.017	1696	0.029	0.132	Initial Purging	2.99	272
23/03/2024 03:49 AM	0.008	1696	0.014	0.085	Initial Purging	2.91	274
23/03/2024 03:56 AM	0.016	1696	0.027	0.042	Initial Purging	2.94	304
23/03/2024 04:04 AM	0.014	1696	0.024	0.034	Initial Purging	2.22	300
23/03/2024 04:11 AM	0.006	1696	0.01	0.028	Purging	2.17	306
23/03/2024 04:18 AM	0.016	1696	0.027	0.026	Purging	2.82	304
23/03/2024 04:25 AM	0.001	1696	0.002	0.021	Purging	3.19	295



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Selected Dates: 20/03/2024 and 25/03/2024

23/03/2024 04:32 AM	0	1696	0	0.016	Purging	2.84	297
23/03/2024 04:39 AM	0.008	1696	0.014	0.015	Purging	2.71	288
23/03/2024 04:46 AM	0	1696	0	0.013	Purging	2.68	282
23/03/2024 04:53 AM	0.006	1696	0.01	0.011	Purging	2.51	281
23/03/2024 05:00 AM	0.008	1696	0.014	0.01	Purging	2.46	281
23/03/2024 05:07 AM	0	1696	0	0.008	Purging	2.48	273
23/03/2024 05:14 AM	0.01	1696	0.017	0.007	Purging	2.05	258
23/03/2024 05:21 AM	0.052	1696	0.088	0.018	Purging	1.84	242
23/03/2024 05:28 AM	0.1	1696	0.17	0.039	Purging	1.77	232
23/03/2024 05:35 AM	0.126	1696	0.214	0.064	Purging	1.93	234
23/03/2024 05:49 AM	0.28	1696	0.475	0.149	Purging	1.55	240
23/03/2024 06:03 AM	0.307	1696	0.521	0.271	Purging	2.64	261
23/03/2024 06:17 AM	0.323	1696	0.548	0.392	Purging	2.25	225
23/03/2024 06:31 AM	0.329	1696	0.558	0.482	Purging	2.99	244
23/03/2024 06:45 AM	0.352	1696	0.597	0.54	Purging	2.22	253
23/03/2024 06:59 AM	0.353	1696	0.599	0.565	Purging	2.11	228
23/03/2024 07:13 AM	0.356	1696	0.604	0.582	Purging	2.98	222
23/03/2024 07:27 AM	0.359	1696	0.609	0.596	Purging	3.23	219
23/03/2024 07:42 AM	0.389	1696	0.66	0.61	Purging	4.15	220
23/03/2024 07:56 AM	0.21	1696	0.356	0.587	Purging	2.99	224
23/03/2024 08:10 AM	0.214	1696	0.363	0.527	Purging	5.26	202
23/03/2024 08:24 AM	0.277	1696	0.47	0.479	Purging	8.05	197
23/03/2024 08:38 AM	0.259	1696	0.439	0.434	Purging	6.66	201



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Selected Dates: 20/03/2024 and 25/03/2024

23/03/2024 08:52 AM	0.242	1696	0.41	0.414	Purging	5.45	205
23/03/2024 09:06 AM	0.22	1696	0.373	0.422	Purging	5.12	176
23/03/2024 09:20 AM	0.342	1696	0.58	0.437	Purging	4.59	200
23/03/2024 09:34 AM	0.369	1696	0.626	0.474	Purging	5.77	178
23/03/2024 09:48 AM	0.346	1696	0.587	0.519	Purging	5.16	164
23/03/2024 10:02 AM	0.313	1696	0.531	0.561	Purging	7.27	155
23/03/2024 10:16 AM	0.339	1696	0.575	0.58	Purging	7.64	180
23/03/2024 10:30 AM	0.352	1696	0.597	0.576	Purging	6.96	192
23/03/2024 10:44 AM	0.328	1696	0.556	0.568	Purging	6.71	195
23/03/2024 10:58 AM	0.323	1696	0.548	0.567	Purging	5.26	203
23/03/2024 11:13 AM	0.358	1696	0.607	0.573	Purging	5.25	156
23/03/2024 11:27 AM	0.367	1696	0.622	0.58	Purging	7.14	134
23/03/2024 11:41 AM	0.348	1696	0.59	0.588	Purging	9.05	126
23/03/2024 11:55 AM	0.366	1696	0.621	0.601	Purging	10.34	139
23/03/2024 12:09 PM	0.341	1696	0.578	0.607	Purging	10.27	132
23/03/2024 12:16 PM	0.201	1696	0.341	0.573	Purging	10.48	136
23/03/2024 12:23 PM	0.191	1696	0.324	0.536	Purging	11.67	142
23/03/2024 12:30 PM	0.214	1696	0.363	0.504	Purging	12.15	148
23/03/2024 12:37 PM	0.215	1696	0.365	0.475	Purging	12.14	153
23/03/2024 12:44 PM	0.249	1696	0.422	0.455	Purging	11.61	147
23/03/2024 12:51 PM	0.26	1696	0.441	0.432	Purging	11.9	147
23/03/2024 12:58 PM	0.253	1696	0.429	0.408	Purging	13.35	150
23/03/2024 01:05 PM	0.258	1696	0.438	0.39	Purging	14.8	154



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Selected Dates: 20/03/2024 and 25/03/2024

23/03/2024 01:12 PM	0.231	1696	0.392	0.397	Purging	15.1	153
23/03/2024 01:19 PM	0.214	1696	0.363	0.402	Purging	15.43	147
23/03/2024 01:26 PM	0.246	1696	0.417	0.408	Purging	15	148
23/03/2024 01:33 PM	0.283	1696	0.48	0.423	Purging	15.23	151
23/03/2024 01:40 PM	0.268	1696	0.455	0.427	Purging	15.79	148
23/03/2024 01:47 PM	0.271	1696	0.46	0.429	Purging	16.14	145
23/03/2024 01:54 PM	0.25	1696	0.424	0.428	Purging	16.5	142
23/03/2024 02:01 PM	0.261	1696	0.443	0.429	Purging	16.04	145
23/03/2024 02:08 PM	0.277	1696	0.47	0.439	Purging	15.77	151
23/03/2024 02:15 PM	0.258	1696	0.438	0.448	Purging	16.53	151
23/03/2024 02:22 PM	0.247	1696	0.419	0.448	Purging	16.48	151
23/03/2024 02:29 PM	0.275	1696	0.466	0.447	Purging	16.54	154
23/03/2024 02:37 PM	0.237	1696	0.402	0.44	Purging	17.08	153
23/03/2024 02:44 PM	0.252	1696	0.427	0.436	Purging	16.59	145
23/03/2024 02:51 PM	0.254	1696	0.431	0.437	Purging	15.26	143
23/03/2024 02:58 PM	0.244	1696	0.414	0.433	Purging	15.48	141
23/03/2024 03:05 PM	0.272	1696	0.461	0.432	Purging	16.46	140
23/03/2024 03:12 PM	0.265	1696	0.449	0.434	Purging	16.6	144
23/03/2024 03:19 PM	0.248	1696	0.421	0.434	Purging	15.61	150
23/03/2024 03:26 PM	0.247	1696	0.419	0.428	Purging	15.07	156
23/03/2024 03:33 PM	0.252	1696	0.427	0.431	Purging	15.55	149
23/03/2024 03:40 PM	0.242	1696	0.41	0.429	Purging	14.21	149
23/03/2024 03:47 PM	0.233	1696	0.395	0.425	Purging	13.69	153



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 20/03/2024 and 25/03/2024

23/03/2024 03:54 PM	0.257	1696	0.436	0.427	Purging	13.02	154
23/03/2024 04:01 PM	0.238	1696	0.404	0.42	Purging	11.1	151
23/03/2024 04:08 PM	0.234	1696	0.397	0.414	Purging	11.67	150
23/03/2024 04:15 PM	0.23	1696	0.39	0.41	Purging	13.29	152
23/03/2024 04:22 PM	0.257	1696	0.436	0.412	Purging	12.26	155
23/03/2024 04:29 PM	0.24	1696	0.407	0.409	Purging	10.35	159
23/03/2024 04:36 PM	0.227	1696	0.385	0.406	Purging	10.3	156
23/03/2024 04:43 PM	0.227	1696	0.385	0.405	Purging	9.89	158
23/03/2024 04:50 PM	0.234	1696	0.397	0.4	Purging	9.8	158
23/03/2024 04:57 PM	0.25	1696	0.424	0.402	Purging	9.75	150
23/03/2024 05:04 PM	0.238	1696	0.404	0.403	Purging	9.55	148
23/03/2024 05:11 PM	0.241	1696	0.409	0.406	Purging	9.83	151
23/03/2024 05:18 PM	0.233	1696	0.395	0.401	Purging	10.48	156
23/03/2024 05:25 PM	0.233	1696	0.395	0.399	Purging	10.74	160
23/03/2024 05:32 PM	0.238	1696	0.404	0.402	Purging	10.01	154
23/03/2024 05:39 PM	0.234	1696	0.397	0.403	Purging	9.71	153
23/03/2024 05:46 PM	0.233	1696	0.395	0.403	Purging	9.15	154
23/03/2024 05:53 PM	0.226	1696	0.383	0.398	Purging	9.59	157
23/03/2024 06:00 PM	0.233	1696	0.395	0.397	Purging	10.11	155
23/03/2024 06:08 PM	0.226	1696	0.383	0.394	Purging	10.11	154
23/03/2024 06:15 PM	0.245	1696	0.416	0.396	Purging	10.49	153
23/03/2024 06:22 PM	0.241	1696	0.409	0.398	Purging	9.65	155
23/03/2024 06:29 PM	0.222	1696	0.377	0.394	Purging	8.05	150



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 20/03/2024 and 25/03/2024

23/03/2024 06:36 PM	0.231	1696	0.392	0.394	Purging	7.79	147
23/03/2024 06:43 PM	0.241	1696	0.409	0.395	Purging	7.63	152
23/03/2024 06:50 PM	0.229	1696	0.388	0.396	Purging	6.82	153
23/03/2024 06:57 PM	0.214	1696	0.363	0.392	Purging	7.06	142
23/03/2024 07:04 PM	0.233	1696	0.395	0.394	Purging	6.53	151
23/03/2024 07:11 PM	0.233	1696	0.395	0.391	Purging	6.3	158
23/03/2024 07:18 PM	0.24	1696	0.407	0.391	Purging	7.02	156
23/03/2024 07:25 PM	0.241	1696	0.409	0.395	Purging	8.07	149
23/03/2024 07:32 PM	0.24	1696	0.407	0.397	Purging	6.9	143
23/03/2024 07:39 PM	0.226	1696	0.383	0.394	Purging	5.95	147
23/03/2024 07:46 PM	0.275	1696	0.466	0.404	Purging	6.28	153
23/03/2024 07:53 PM	0.306	1696	0.519	0.423	Purging	6.16	151
23/03/2024 08:00 PM	0.347	1696	0.589	0.447	Purging	5.47	157
23/03/2024 08:07 PM	0	1696	0	0.398	Paused	5.57	162
23/03/2024 08:14 PM	0.434	1696	0.736	0.439	Purging	5.99	157
23/03/2024 08:21 PM	0	1696	0	0.388	Paused	5.59	157
23/03/2024 08:28 PM	0	1696	0	0.337	Paused	5.36	159
23/03/2024 08:35 PM	0.4	1696	0.678	0.374	Purging	6.09	155
23/03/2024 08:42 PM	0.333	1696	0.565	0.386	Purging	6.52	159
23/03/2024 08:49 PM	0.279	1696	0.473	0.38	Purging	5.69	163
23/03/2024 08:56 PM	0.309	1696	0.524	0.372	Purging	5.11	162
23/03/2024 09:03 PM	0.274	1696	0.465	0.43	Purging	5.35	159
23/03/2024 09:10 PM	0.29	1696	0.492	0.399	Purging	5.78	154



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 20/03/2024 and 25/03/2024

23/03/2024 09:17 PM	0.248	1696	0.421	0.452	Purging	5.99	152
23/03/2024 09:24 PM	0.242	1696	0.41	0.503	Purging	5.73	156
23/03/2024 09:31 PM	0.249	1696	0.422	0.471	Purging	4.88	164
23/03/2024 09:39 PM	0.239	1696	0.405	0.451	Purging	4.03	165
23/03/2024 09:46 PM	0.227	1696	0.385	0.44	Purging	3.53	185
23/03/2024 09:53 PM	0.214	1696	0.363	0.42	Purging	2.31	238
23/03/2024 10:00 PM	0.208	1696	0.353	0.406	Purging	1.23	262
23/03/2024 10:07 PM	0.961	1696	1.63	0.548	Purging	1.3	260
23/03/2024 10:14 PM	0.227	1696	0.385	0.544	Purging	1.22	243
23/03/2024 10:21 PM	0.179	1696	0.304	0.531	Purging	1.22	250
23/03/2024 10:28 PM	0.171	1696	0.29	0.514	Purging	1.88	266
23/03/2024 10:35 PM	0.164	1696	0.278	0.498	Purging	1.79	260
23/03/2024 10:42 PM	0.147	1696	0.249	0.481	Purging	1.79	252
23/03/2024 10:49 PM	0.162	1696	0.275	0.47	Purging	2.07	242
23/03/2024 10:56 PM	0.147	1696	0.249	0.457	Purging	1.77	240
23/03/2024 11:03 PM	0.185	1696	0.314	0.293	Purging	2.34	240
23/03/2024 11:10 PM	0.727	1696	1.233	0.399	Purging	2.43	246
23/03/2024 11:17 PM	0.159	1696	0.27	0.395	Purging	2.02	248
23/03/2024 11:24 PM	0.121	1696	0.205	0.384	Purging	1.72	249
23/03/2024 11:31 PM	0.108	1696	0.183	0.372	Purging	2.2	238
23/03/2024 11:38 PM	0.119	1696	0.202	0.366	Purging	2.9	227
23/03/2024 11:45 PM	0.113	1696	0.192	0.356	Purging	2.85	226
23/03/2024 11:52 PM	0.102	1696	0.173	0.346	Purging	4.04	220



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 20/03/2024 and 25/03/2024

23/03/2024 11:59 PM	0.108	1696	0.183	0.33	Purging	4.42	214
24/03/2024 12:06 AM	0.587	1696	0.996	0.3	Purging	3.08	226
24/03/2024 12:13 AM	0.124	1696	0.21	0.293	Purging	2.38	235
24/03/2024 12:20 AM	0.088	1696	0.149	0.286	Purging	3.04	232
24/03/2024 12:27 AM	0.084	1696	0.142	0.281	Purging	3.54	225
24/03/2024 12:34 AM	0.079	1696	0.134	0.273	Purging	3.47	231
24/03/2024 12:41 AM	0.073	1696	0.124	0.264	Purging	3.25	238
24/03/2024 12:48 AM	0.079	1696	0.134	0.259	Purging	2.69	250
24/03/2024 12:55 AM	0.095	1696	0.161	0.257	Purging	2.41	256
24/03/2024 01:02 AM	0.103	1696	0.175	0.154	Purging	2.41	248
24/03/2024 01:10 AM	0.498	1696	0.845	0.233	Purging	2.49	242
24/03/2024 01:17 AM	0.099	1696	0.168	0.235	Purging	1.93	250
24/03/2024 01:24 AM	0.065	1696	0.11	0.231	Purging	1.65	265
24/03/2024 01:31 AM	0.062	1696	0.105	0.228	Purging	1.66	253
24/03/2024 01:38 AM	0.396	1696	0.672	0.296	Purging	2.39	253
24/03/2024 01:45 AM	0.088	1696	0.149	0.298	Purging	3.23	274
24/03/2024 01:52 AM	0.376	1696	0.638	0.357	Purging	3.96	286
24/03/2024 01:59 AM	0.373	1696	0.633	0.415	Purging	3.82	282
24/03/2024 02:06 AM	0.355	1696	0.602	0.384	Purging	3.18	274
24/03/2024 02:13 AM	0.342	1696	0.58	0.436	Purging	3.68	274
24/03/2024 02:20 AM	0.333	1696	0.565	0.493	Purging	4.25	269
24/03/2024 02:27 AM	0.318	1696	0.539	0.547	Purging	4.03	266
24/03/2024 02:34 AM	0.304	1696	0.516	0.528	Purging	3.72	251



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 20/03/2024 and 25/03/2024

24/03/2024 02:41 AM	0.295	1696	0.5	0.572	Purging	3.49	247
24/03/2024 02:48 AM	0.284	1696	0.482	0.552	Purging	3.52	262
24/03/2024 02:55 AM	0.278	1696	0.471	0.532	Purging	3.32	270
24/03/2024 03:02 AM	0.261	1696	0.443	0.512	Purging	3.07	264
24/03/2024 03:09 AM	0.248	1696	0.421	0.492	Purging	3.05	266
24/03/2024 03:16 AM	0.242	1696	0.41	0.473	Purging	3.05	272
24/03/2024 03:23 AM	0.229	1696	0.388	0.454	Purging	3.25	262
24/03/2024 03:30 AM	0.226	1696	0.383	0.437	Purging	3.16	260
24/03/2024 03:37 AM	0.213	1696	0.361	0.42	Purging	3.06	265
24/03/2024 03:44 AM	0.221	1696	0.375	0.407	Purging	3.15	272
24/03/2024 03:51 AM	0.214	1696	0.363	0.393	Purging	3.43	275
24/03/2024 03:58 AM	0.198	1696	0.336	0.38	Purging	4.15	277
24/03/2024 04:05 AM	0.191	1696	0.324	0.368	Purging	3.88	271
24/03/2024 04:12 AM	0.183	1696	0.31	0.355	Purging	3.3	268
24/03/2024 04:19 AM	0.179	1696	0.304	0.344	Purging	3.33	273
24/03/2024 04:26 AM	0.175	1696	0.297	0.334	Purging	3.57	283
24/03/2024 04:33 AM	0.166	1696	0.282	0.324	Purging	3.1	267
24/03/2024 04:41 AM	0.164	1696	0.278	0.312	Purging	2.53	247
24/03/2024 04:48 AM	0.16	1696	0.271	0.3	Purging	2.27	242
24/03/2024 04:55 AM	0.148	1696	0.251	0.29	Purging	2.46	237
24/03/2024 05:02 AM	0.145	1696	0.246	0.28	Purging	3.73	246
24/03/2024 05:09 AM	0.141	1696	0.239	0.271	Purging	4.24	261
24/03/2024 05:16 AM	0.136	1696	0.231	0.262	Purging	2.99	267



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 20/03/2024 and 25/03/2024

24/03/2024 05:23 AM	0.129	1696	0.219	0.252	Purging	2.29	255
24/03/2024 05:30 AM	0.129	1696	0.219	0.244	Purging	2.21	230
24/03/2024 05:37 AM	0.126	1696	0.214	0.236	Purging	2.45	212
24/03/2024 05:44 AM	0.117	1696	0.198	0.227	Purging	3.01	213
24/03/2024 05:51 AM	0.114	1696	0.193	0.22	Purging	3.43	231
24/03/2024 05:58 AM	0.109	1696	0.185	0.212	Purging	2.85	250
24/03/2024 06:05 AM	0.11	1696	0.187	0.206	Purging	2.42	270
24/03/2024 06:12 AM	0.1	1696	0.17	0.198	Purging	2.36	256
24/03/2024 06:19 AM	0.102	1696	0.173	0.193	Purging	2.64	219
24/03/2024 06:26 AM	0.094	1696	0.159	0.185	Purging	3.02	223
24/03/2024 06:33 AM	0.098	1696	0.166	0.179	Purging	2.34	242
24/03/2024 06:40 AM	0.095	1696	0.161	0.174	Purging	1.78	231
24/03/2024 06:47 AM	0.091	1696	0.154	0.17	Purging	1.59	245
24/03/2024 06:54 AM	0.087	1696	0.148	0.165	Purging	1.63	275
24/03/2024 07:01 AM	0.084	1696	0.142	0.159	Purging	1.71	264
24/03/2024 07:08 AM	0.084	1696	0.142	0.156	Purging	1.86	247
24/03/2024 07:15 AM	0.082	1696	0.139	0.151	Purging	2.05	212
24/03/2024 07:22 AM	0.075	1696	0.127	0.147	Purging	2.29	244
24/03/2024 07:29 AM	0.078	1696	0.132	0.143	Purging	2.79	302
24/03/2024 07:36 AM	0.068	1696	0.115	0.138	Purging	2.7	303
24/03/2024 07:43 AM	0.075	1696	0.127	0.134	Purging	2.19	314
24/03/2024 07:50 AM	0.081	1696	0.137	0.133	Purging	1.99	318
24/03/2024 07:57 AM	0.07	1696	0.119	0.13	Purging	2.48	305



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 20/03/2024 and 25/03/2024

24/03/2024 08:04 AM	0.071	1696	0.12	0.127	Purging	2.58	302
24/03/2024 08:12 AM	0.071	1696	0.12	0.125	Purging	2.26	291
24/03/2024 08:19 AM	0.074	1696	0.126	0.125	Purging	1.46	261
24/03/2024 08:26 AM	0.063	1696	0.107	0.121	Purging	0.96	255
24/03/2024 08:33 AM	0.068	1696	0.115	0.121	Purging	1.01	255
24/03/2024 08:40 AM	0.077	1696	0.131	0.122	Purging	1.19	173
24/03/2024 08:47 AM	0.054	1696	0.092	0.116	Purging	1.53	178
24/03/2024 08:54 AM	0.065	1696	0.11	0.115	Purging	1.1	287
24/03/2024 09:01 AM	0.07	1696	0.119	0.115	Purging	1.35	275
24/03/2024 09:08 AM	0.07	1696	0.119	0.115	Purging	1.56	237
24/03/2024 09:15 AM	0.049	1696	0.083	0.109	Purging	1.42	215
24/03/2024 09:22 AM	0.064	1696	0.109	0.109	Purging	1.28	261
24/03/2024 09:29 AM	0.063	1696	0.107	0.108	Purging	1.95	194
24/03/2024 09:36 AM	0.06	1696	0.102	0.105	Purging	2.97	79
24/03/2024 09:43 AM	0.059	1696	0.1	0.106	Purging	3.23	48
24/03/2024 09:50 AM	0.041	1696	0.07	0.101	Purging	3.35	53
24/03/2024 09:57 AM	0.042	1696	0.071	0.095	Purging	3.15	25
24/03/2024 10:04 AM	0.049	1696	0.083	0.091	Purging	3.17	43
24/03/2024 10:11 AM	0.036	1696	0.061	0.088	Purging	3.56	53
24/03/2024 10:18 AM	0.039	1696	0.066	0.083	Purging	3.45	35
24/03/2024 10:25 AM	0.042	1696	0.071	0.078	Purging	2.92	41
24/03/2024 10:32 AM	0.038	1696	0.064	0.073	Purging	3.13	53
24/03/2024 10:39 AM	0.037	1696	0.063	0.069	Purging	4.04	48



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 20/03/2024 and 25/03/2024

24/03/2024 10:46 AM	0.038	1696	0.064	0.068	Purging	4.5	42
24/03/2024 10:53 AM	0.029	1696	0.049	0.065	Purging	4.69	56
24/03/2024 11:00 AM	0.029	1696	0.049	0.061	Purging	5.1	55
24/03/2024 11:07 AM	0.029	1696	0.049	0.06	Purging	4.89	57
24/03/2024 11:14 AM	0.025	1696	0.042	0.057	Purging	4.67	33
24/03/2024 11:21 AM	0.025	1696	0.042	0.053	Purging	4.61	34
24/03/2024 11:28 AM	0.025	1696	0.042	0.05	Purging	4.45	42
24/03/2024 11:35 AM	0.026	1696	0.044	0.048	Purging	4.69	47
24/03/2024 11:43 AM	0.03	1696	0.051	0.046	Purging	5.42	40
24/03/2024 11:50 AM	0.026	1696	0.044	0.046	Purging	5.57	41
24/03/2024 11:57 AM	0.026	1696	0.044	0.045	Purging	5.45	42
24/03/2024 12:04 PM	0.025	1696	0.042	0.044	Purging	6.56	42
24/03/2024 12:11 PM	0.026	1696	0.044	0.044	Purging	6.97	46
24/03/2024 12:18 PM	0.023	1696	0.039	0.044	Purging	6.39	47
24/03/2024 12:25 PM	0.023	1696	0.039	0.043	Purging	6.79	50
24/03/2024 12:32 PM	0.023	1696	0.039	0.043	Purging	6.46	51
24/03/2024 12:39 PM	0.016	1696	0.027	0.04	Purging	6.86	52
24/03/2024 12:46 PM	0.018	1696	0.031	0.038	Purging	7.14	58
24/03/2024 12:53 PM	0.018	1696	0.031	0.037	Purging	7.3	56
24/03/2024 01:00 PM	0.019	1696	0.032	0.035	Purging	7.78	46