



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

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: CL101								
	02/02/2024 10:57 AM	0	0	0	0	Dosing	12.23	144
	02/02/2024 11:09 AM	0	0	0	0	Dosing	10.65	139
	02/02/2024 11:21 AM	0	0	0	0	Dosing	10.83	143
	02/02/2024 11:33 AM	0	0	0	0	Dosing	9.41	138
	02/02/2024 11:45 AM	0	0	0	0	Dosing	9.85	136
	02/02/2024 11:57 AM	39.125	0	0	0	Fumigation	10.17	138
	02/02/2024 12:11 PM	37.55	0	0	0	Fumigation	9.44	131
	02/02/2024 12:25 PM	40.75	0	0	0	Fumigation	9.29	124
	02/02/2024 12:39 PM	44.4	0	0	0	Fumigation	10.89	126
	02/02/2024 12:54 PM	40.164	0	0	0	Fumigation	9.57	124
	02/02/2024 01:08 PM	33.114	0	0	0	Fumigation	8.76	121
	02/02/2024 01:22 PM	39.489	0	0	0	Fumigation	7.76	126
	02/02/2024 01:36 PM	38.914	0	0	0	Fumigation	8.94	129
	02/02/2024 01:50 PM	32.664	0	0	0	Fumigation	7.85	110
	02/02/2024 02:04 PM	39.214	0	0	0	Fumigation	7.88	106
	02/02/2024 02:18 PM	34.239	0	0	0	Fumigation	6.98	99
	02/02/2024 02:32 PM	31.039	0	0	0	Fumigation	9.54	86
	02/02/2024 02:46 PM	37.989	0	0	0	Fumigation	9.22	91
	02/02/2024 03:00 PM	31.339	0	0	0	Fumigation	7.76	70



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Selected Dates: 1/02/2024 and 5/02/2024

02/02/2024 03:14 PM	34.875	0	0	0	Fumigation	7.83	58
02/02/2024 03:28 PM	30.5	0	0	0	Fumigation	7.22	60
02/02/2024 03:42 PM	33.739	0	0	0	Fumigation	8.69	66
02/02/2024 03:56 PM	34.325	0	0	0	Fumigation	8.22	63
02/02/2024 04:10 PM	32.789	0	0	0	Fumigation	6.42	55
02/02/2024 04:25 PM	37.864	0	0	0	Fumigation	7.82	65
02/02/2024 04:39 PM	35.989	0	0	0	Fumigation	7.76	66
02/02/2024 04:53 PM	37.264	0	0	0	Fumigation	8.65	81
02/02/2024 05:07 PM	35.664	0	0	0	Fumigation	9.95	91
02/02/2024 05:21 PM	31.689	0	0	0	Fumigation	10.99	92
02/02/2024 05:35 PM	37.814	0	0	0	Fumigation	12.64	100
02/02/2024 05:49 PM	29.239	0	0	0	Fumigation	13.19	108
02/02/2024 06:03 PM	29.514	0	0	0	Fumigation	13.28	107
02/02/2024 06:17 PM	34.839	0	0	0	Fumigation	12.48	118
02/02/2024 06:31 PM	30.664	0	0	0	Fumigation	11.94	118
02/02/2024 06:45 PM	32.389	0	0	0	Fumigation	10.13	126
02/02/2024 06:59 PM	25.564	0	0	0	Fumigation	10.4	124
02/02/2024 07:13 PM	24.339	0	0	0	Fumigation	11.5	126
02/02/2024 07:27 PM	28.239	0	0	0	Fumigation	9.9	131
02/02/2024 07:41 PM	27.114	0	0	0	Fumigation	9.74	129
02/02/2024 07:56 PM	26.214	0	0	0	Fumigation	8.65	125
02/02/2024 08:10 PM	24.839	0	0	0	Fumigation	8.89	115
02/02/2024 08:24 PM	25.189	0	0	0	Fumigation	8.76	121



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Selected Dates: 1/02/2024 and 5/02/2024

02/02/2024 08:38 PM	26.164	0	0	0	Fumigation	7.02	128
02/02/2024 08:52 PM	31.514	0	0	0	Fumigation	6.62	132
02/02/2024 09:06 PM	30.614	0	0	0	Fumigation	6.26	108
02/02/2024 09:20 PM	33.714	0	0	0	Fumigation	5.84	105
02/02/2024 09:34 PM	29.414	0	0	0	Fumigation	3.43	115
02/02/2024 09:48 PM	23.514	0	0	0	Fumigation	3.7	60
02/02/2024 10:02 PM	32.964	0	0	0	Fumigation	5.24	107
02/02/2024 10:16 PM	26.714	0	0	0	Fumigation	6.62	110
02/02/2024 10:30 PM	28.675	0	0	0	Fumigation	6.35	112
02/02/2024 10:44 PM	26.464	0	0	0	Fumigation	4.74	100
02/02/2024 10:58 PM	30.4	0	0	0	Fumigation	7.54	100
02/02/2024 11:12 PM	34.075	0	0	0	Fumigation	5.78	102
02/02/2024 11:27 PM	29.175	0	0	0	Fumigation	5.62	117
02/02/2024 11:41 PM	34.414	0	0	0	Fumigation	6.42	105
02/02/2024 11:55 PM	28.875	0	0	0	Fumigation	5.65	86
03/02/2024 12:09 AM	33.539	0	0	0	Fumigation	5.32	75
03/02/2024 12:23 AM	34.525	0	0	0	Fumigation	5.38	88
03/02/2024 12:37 AM	35.514	0	0	0	Fumigation	5.33	79
03/02/2024 12:51 AM	31	0	0	0	Fumigation	3.7	81
03/02/2024 01:05 AM	30.639	0	0	0	Fumigation	4.7	82
03/02/2024 01:19 AM	27.764	0	0	0	Fumigation	4.14	97
03/02/2024 01:33 AM	28.264	0	0	0	Fumigation	4.2	89
03/02/2024 01:47 AM	33.739	0	0	0	Fumigation	3.94	89



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Selected Dates: 1/02/2024 and 5/02/2024

03/02/2024 02:01 AM	26.314	0	0	0	Fumigation	2.89	90
03/02/2024 02:15 AM	31.864	0	0	0	Fumigation	4.9	69
03/02/2024 02:29 AM	27.464	0	0	0	Fumigation	4.71	46
03/02/2024 02:43 AM	27.714	0	0	0	Fumigation	3.1	60
03/02/2024 02:58 AM	30.225	0	0	0	Fumigation	3.8	59
03/02/2024 03:12 AM	31	0	0	0	Fumigation	3.82	85
03/02/2024 03:26 AM	30.714	0	0	0	Fumigation	3.3	33
03/02/2024 03:40 AM	23.7	0	0	0	Fumigation	3.86	45
03/02/2024 03:54 AM	21.1	0	0	0	Fumigation	3.9	56
03/02/2024 04:08 AM	20.814	0	0	0	Fumigation	2.72	243
03/02/2024 04:22 AM	26.514	0	0	0	Fumigation	1.62	100
03/02/2024 04:36 AM	24.864	0	0	0	Fumigation	1.67	180
03/02/2024 04:50 AM	21.064	0	0	0	Fumigation	2.03	277
03/02/2024 05:04 AM	25.2	0	0	0	Fumigation	1.33	266
03/02/2024 05:18 AM	20.2	0	0	0	Fumigation	3.95	83
03/02/2024 05:32 AM	21.55	0	0	0	Fumigation	2.17	129
03/02/2024 05:46 AM	15.464	0	0	0	Fumigation	0.69	164
03/02/2024 06:00 AM	18.925	0	0	0	Fumigation	1.87	133
03/02/2024 06:14 AM	19.275	0	0	0	Fumigation	3.4	50
03/02/2024 06:29 AM	18.725	0	0	0	Fumigation	2.55	138
03/02/2024 06:43 AM	18.964	0	0	0	Fumigation	2.81	156
03/02/2024 06:57 AM	13.8	0	0	0	Fumigation	2.8	43
03/02/2024 07:11 AM	14.05	0	0	0	Fumigation	3.32	49



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Selected Dates: 1/02/2024 and 5/02/2024

03/02/2024 07:25 AM	21.7	0	0	0	Fumigation	3.48	124
03/02/2024 07:39 AM	20.364	0	0	0	Fumigation	2.1	240
03/02/2024 07:53 AM	15.45	0	0	0	Fumigation	4.55	83
03/02/2024 08:07 AM	15.125	0	0	0	Fumigation	2.31	42
03/02/2024 08:21 AM	14.8	0	0	0	Fumigation	2.68	85
03/02/2024 08:35 AM	13.064	0	0	0	Fumigation	3.34	106
03/02/2024 08:49 AM	14.025	0	0	0	Fumigation	2.16	214
03/02/2024 09:03 AM	15.714	0	0	0	Fumigation	2.64	186
03/02/2024 09:17 AM	15.925	0	0	0	Fumigation	3.09	103
03/02/2024 09:31 AM	11.425	0	0	0	Fumigation	4.48	58
03/02/2024 09:45 AM	19.525	0	0	0	Fumigation	5.34	14
03/02/2024 10:00 AM	11.814	0	0	0	Fumigation	4.83	59
03/02/2024 10:14 AM	16.375	0	0	0	Fumigation	5.75	44
03/02/2024 10:28 AM	10.664	0	0	0	Fumigation	6.38	60
03/02/2024 10:42 AM	16.85	0	0	0	Fumigation	6.09	40
03/02/2024 10:56 AM	15.375	0	0	0	Fumigation	8.37	14
03/02/2024 11:10 AM	16.3	0	0	0	Fumigation	9.01	53
03/02/2024 11:24 AM	14.575	0	0	0	Fumigation	7.75	63
03/02/2024 11:38 AM	12.525	0	0	0	Fumigation	7.63	129
03/02/2024 11:52 AM	12.1	0	0	0	Fumigation	8.9	33
03/02/2024 12:06 PM	0.284	503	0.143	0	Initial Purging	8.67	17
03/02/2024 12:20 PM	0.223	503	0.112	0	Initial Purging	10.88	62
03/02/2024 12:34 PM	0.172	503	0.087	0	Initial Purging	9.98	24



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03/02/2024 12:48 PM	0.2	503	0.101	0	Initial Purging	9.23	40
03/02/2024 12:55 PM	0.176	503	0.089	0	Initial Purging	9.28	88
03/02/2024 01:02 PM	0.185	503	0.093	0.109	Purging	8.85	88
03/02/2024 01:09 PM	0.315	503	0.158	0.111	Purging	9.51	45
03/02/2024 01:16 PM	0.413	503	0.208	0.119	Purging	9.58	66
03/02/2024 01:24 PM	0.374	503	0.188	0.129	Purging	9.19	43
03/02/2024 01:31 PM	0.404	503	0.203	0.14	Purging	11.23	22
03/02/2024 01:38 PM	0.394	503	0.198	0.154	Purging	11.07	70
03/02/2024 01:45 PM	0.359	503	0.181	0.166	Purging	11.02	69
03/02/2024 01:52 PM	0.391	503	0.197	0.178	Purging	12.02	23
03/02/2024 01:59 PM	0.383	503	0.193	0.191	Purging	12.19	24
03/02/2024 02:06 PM	0.418	503	0.21	0.197	Purging	10.51	26
03/02/2024 02:13 PM	0.416	503	0.209	0.197	Purging	10.71	30
03/02/2024 02:20 PM	0	503	0	0.174	Paused	10.97	27
03/02/2024 02:27 PM	0.753	503	0.379	0.196	Purging	10.22	22
03/02/2024 02:34 PM	0.714	503	0.359	0.216	Purging	9.13	44
03/02/2024 02:41 PM	0.748	503	0.376	0.24	Purging	9.97	43
03/02/2024 02:48 PM	0.722	503	0.363	0.261	Purging	10.95	36
03/02/2024 02:55 PM	0.728	503	0.366	0.283	Purging	10.23	13
03/02/2024 03:02 PM	0.7	503	0.352	0.301	Purging	10.2	36
03/02/2024 03:09 PM	0.728	503	0.366	0.32	Purging	10.7	36
03/02/2024 03:16 PM	0.805	503	0.405	0.371	Purging	11.64	11
03/02/2024 03:23 PM	0.756	503	0.38	0.371	Purging	11.26	14



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03/02/2024 03:30 PM	0.806	503	0.405	0.377	Purging	10.03	15
03/02/2024 03:37 PM	0.696	503	0.35	0.373	Purging	10.61	16
03/02/2024 03:44 PM	0.775	503	0.39	0.377	Purging	11.84	37
03/02/2024 03:51 PM	0.833	503	0.419	0.384	Purging	12.13	61
03/02/2024 03:58 PM	0.776	503	0.39	0.388	Purging	12.97	43
03/02/2024 04:05 PM	0.723	503	0.364	0.388	Purging	13.83	19
03/02/2024 04:12 PM	0.719	503	0.362	0.382	Purging	14.97	18
03/02/2024 04:19 PM	0.801	503	0.403	0.385	Purging	15.3	43
03/02/2024 04:26 PM	0.768	503	0.386	0.383	Purging	13.74	43
03/02/2024 04:33 PM	2.941	503	1.479	0.524	Purging	13.52	43
03/02/2024 04:40 PM	0.877	503	0.441	0.53	Purging	15.05	23
03/02/2024 04:47 PM	0	503	0	0.478	Paused	15.44	24
03/02/2024 04:55 PM	1.275	503	0.641	0.509	Purging	14.05	46
03/02/2024 05:02 PM	0.904	503	0.455	0.521	Purging	14.34	45
03/02/2024 05:09 PM	0.745	503	0.375	0.523	Purging	15.8	26
03/02/2024 05:16 PM	0.801	503	0.403	0.523	Purging	15.6	25
03/02/2024 05:23 PM	0.728	503	0.366	0.52	Purging	15.19	20
03/02/2024 05:30 PM	0.74	503	0.372	0.382	Purging	14.99	20
03/02/2024 05:37 PM	0.37	503	0.186	0.35	Purging	15.75	44
03/02/2024 05:44 PM	2.742	503	1.379	0.522	Purging	16.91	44
03/02/2024 05:51 PM	0.483	503	0.243	0.472	Purging	17.62	24
03/02/2024 05:58 PM	0.454	503	0.228	0.444	Purging	15.86	46
03/02/2024 06:05 PM	0.55	503	0.277	0.432	Purging	15.56	43



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03/02/2024 06:12 PM	0.537	503	0.27	0.415	Purging	16.34	19
03/02/2024 06:19 PM	0.605	503	0.304	0.407	Purging	16.78	17
03/02/2024 06:26 PM	0.705	503	0.355	0.405	Purging	16.52	39
03/02/2024 06:33 PM	0.641	503	0.322	0.422	Purging	15.9	38
03/02/2024 06:40 PM	0.68	503	0.342	0.293	Purging	15.16	12
03/02/2024 06:47 PM	0.597	503	0.3	0.3	Purging	15.43	56
03/02/2024 06:54 PM	0.672	503	0.338	0.314	Purging	15.54	57
03/02/2024 07:01 PM	0.634	503	0.319	0.319	Purging	15.95	10
03/02/2024 07:08 PM	0.636	503	0.32	0.325	Purging	16.11	11
03/02/2024 07:15 PM	0.638	503	0.321	0.327	Purging	16.96	14
03/02/2024 07:22 PM	0.618	503	0.311	0.322	Purging	17.23	34
03/02/2024 07:29 PM	0.573	503	0.288	0.317	Purging	17.45	32
03/02/2024 07:36 PM	0.572	503	0.288	0.311	Purging	17.36	10
03/02/2024 07:43 PM	0.651	503	0.327	0.314	Purging	16.4	13
03/02/2024 07:50 PM	0.648	503	0.326	0.313	Purging	16.8	13
03/02/2024 07:57 PM	0.584	503	0.294	0.309	Purging	15.54	12
03/02/2024 08:04 PM	0.355	503	0.179	0.292	Purging	14.13	12
03/02/2024 08:11 PM	2.494	503	1.254	0.408	Purging	14.71	15
03/02/2024 08:18 PM	0.577	503	0.29	0.406	Purging	15.39	14
03/02/2024 08:26 PM	0.437	503	0.22	0.397	Purging	16.19	10
03/02/2024 08:33 PM	0.393	503	0.198	0.386	Purging	15.13	10
03/02/2024 08:40 PM	0.457	503	0.23	0.374	Purging	15.14	31
03/02/2024 08:47 PM	0.697	503	0.351	0.377	Purging	15.28	55



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Selected Dates: 1/02/2024 and 5/02/2024

03/02/2024 08:54 PM	0.52	503	0.262	0.373	Purging	15.6	55
03/02/2024 09:01 PM	2.324	503	1.169	0.497	Purging	14.93	35
03/02/2024 09:08 PM	0.346	503	0.174	0.362	Purging	14.64	32
03/02/2024 09:15 PM	0.321	503	0.161	0.345	Purging	15.28	28
03/02/2024 09:22 PM	0.403	503	0.203	0.343	Purging	13.51	4
03/02/2024 09:29 PM	0.473	503	0.238	0.348	Purging	11.44	9
03/02/2024 09:36 PM	2.28	503	1.147	0.463	Purging	7.74	78
03/02/2024 09:43 PM	0.325	503	0.163	0.44	Purging	4.88	189
03/02/2024 09:50 PM	0.326	503	0.164	0.427	Purging	3.81	211
03/02/2024 09:57 PM	0.405	503	0.204	0.307	Purging	3.7	253
03/02/2024 10:04 PM	0.472	503	0.237	0.315	Purging	3.46	291
03/02/2024 10:11 PM	2.236	503	1.125	0.435	Purging	3.39	244
03/02/2024 10:18 PM	0.337	503	0.17	0.431	Purging	2.92	229
03/02/2024 10:25 PM	0.312	503	0.157	0.421	Purging	3.96	229
03/02/2024 10:32 PM	0.368	503	0.185	0.301	Purging	4.1	251
03/02/2024 10:39 PM	0.426	503	0.214	0.307	Purging	3.33	313
03/02/2024 10:46 PM	2.206	503	1.11	0.425	Purging	3.6	303
03/02/2024 10:53 PM	0.31	503	0.156	0.419	Purging	3.63	295
03/02/2024 11:00 PM	0.3	503	0.151	0.408	Purging	3.75	318
03/02/2024 11:07 PM	0.357	503	0.18	0.29	Purging	3.74	281
03/02/2024 11:14 PM	0.45	503	0.226	0.297	Purging	3.78	283
03/02/2024 11:21 PM	2.118	503	1.065	0.411	Purging	3.88	307
03/02/2024 11:28 PM	0.326	503	0.164	0.408	Purging	3.88	327



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Selected Dates: 1/02/2024 and 5/02/2024

03/02/2024 11:35 PM	0.292	503	0.147	0.4	Purging	3.6	284
03/02/2024 11:42 PM	0.377	503	0.19	0.285	Purging	3.44	263
03/02/2024 11:49 PM	0.406	503	0.204	0.291	Purging	3.56	302
03/02/2024 11:57 PM	2.083	503	1.048	0.403	Purging	3.45	300
04/02/2024 12:04 AM	0.306	503	0.154	0.4	Purging	3.25	301
04/02/2024 12:11 AM	0.283	503	0.142	0.389	Purging	3.4	319
04/02/2024 12:18 AM	0.338	503	0.17	0.277	Purging	3.64	315
04/02/2024 12:25 AM	0.427	503	0.215	0.284	Purging	3.93	320
04/02/2024 12:32 AM	2.052	503	1.032	0.394	Purging	4.08	323
04/02/2024 12:39 AM	0.295	503	0.148	0.389	Purging	4.26	324
04/02/2024 12:46 AM	0.29	503	0.146	0.382	Purging	4.63	303
04/02/2024 12:53 AM	0.308	503	0.155	0.27	Purging	4.24	302
04/02/2024 01:00 AM	0.433	503	0.218	0.278	Purging	3.96	304
04/02/2024 01:07 AM	1.984	503	0.998	0.385	Purging	3.53	325
04/02/2024 01:14 AM	0.279	503	0.14	0.381	Purging	3.77	312
04/02/2024 01:21 AM	0.274	503	0.138	0.372	Purging	3.86	317
04/02/2024 01:28 AM	0.341	503	0.172	0.264	Purging	3.94	319
04/02/2024 01:35 AM	0.408	503	0.205	0.271	Purging	3.99	277
04/02/2024 01:42 AM	1.919	503	0.965	0.374	Purging	3.98	281
04/02/2024 01:49 AM	0.289	503	0.145	0.373	Purging	4.32	300
04/02/2024 01:56 AM	0.271	503	0.136	0.362	Purging	5.09	320
04/02/2024 02:03 AM	0.3	503	0.151	0.257	Purging	4.77	325
04/02/2024 02:10 AM	0.422	503	0.212	0.266	Purging	4.26	325



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Selected Dates: 1/02/2024 and 5/02/2024

04/02/2024 02:17 AM	1.89	503	0.951	0.367	Purging	3.95	284
04/02/2024 02:24 AM	0.266	503	0.134	0.362	Purging	4.09	247
04/02/2024 02:31 AM	0.251	503	0.126	0.353	Purging	4.83	246
04/02/2024 02:38 AM	0.292	503	0.147	0.25	Purging	4.22	291
04/02/2024 02:45 AM	0.403	503	0.203	0.258	Purging	3.93	312
04/02/2024 02:52 AM	1.834	503	0.923	0.356	Purging	4.02	288
04/02/2024 02:59 AM	0.262	503	0.132	0.353	Purging	3.4	247
04/02/2024 03:06 AM	0.26	503	0.131	0.343	Purging	2.85	285
04/02/2024 03:13 AM	0.338	503	0.17	0.246	Purging	3.36	326
04/02/2024 03:20 AM	0.423	503	0.213	0.255	Purging	4.05	328
04/02/2024 03:28 AM	1.749	503	0.88	0.35	Purging	3.96	289
04/02/2024 03:35 AM	0.259	503	0.13	0.348	Purging	4.49	269
04/02/2024 03:42 AM	0.245	503	0.123	0.338	Purging	3.85	286
04/02/2024 03:49 AM	0.292	503	0.147	0.241	Purging	3.33	302
04/02/2024 03:56 AM	0.387	503	0.195	0.248	Purging	3.73	316
04/02/2024 04:03 AM	1.728	503	0.869	0.341	Purging	4.53	293
04/02/2024 04:10 AM	0.256	503	0.129	0.336	Purging	4.85	298
04/02/2024 04:17 AM	0.226	503	0.114	0.323	Purging	4.7	321
04/02/2024 04:24 AM	0.276	503	0.139	0.231	Purging	5.04	325
04/02/2024 04:31 AM	0.386	503	0.194	0.239	Purging	5.43	327
04/02/2024 04:38 AM	1.666	503	0.838	0.328	Purging	4.76	307
04/02/2024 04:45 AM	0.237	503	0.119	0.325	Purging	4.1	311
04/02/2024 04:52 AM	0.227	503	0.114	0.315	Purging	2.63	320



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

04/02/2024 04:59 AM	0.26	503	0.131	0.222	Purging	2.12	300
04/02/2024 05:06 AM	0.319	503	0.16	0.226	Purging	2.64	296
04/02/2024 05:13 AM	1.595	503	0.802	0.312	Purging	3.15	306
04/02/2024 05:20 AM	0.221	503	0.111	0.309	Purging	2.97	313
04/02/2024 05:27 AM	0.215	503	0.108	0.298	Purging	3.36	311
04/02/2024 05:34 AM	0.264	503	0.133	0.21	Purging	3.83	326
04/02/2024 05:41 AM	0.317	503	0.159	0.215	Purging	3.15	338
04/02/2024 05:48 AM	1.543	503	0.776	0.298	Purging	2.76	325
04/02/2024 05:55 AM	0.213	503	0.107	0.295	Purging	3.21	312
04/02/2024 06:02 AM	0.207	503	0.104	0.288	Purging	3.67	315
04/02/2024 06:09 AM	0.232	503	0.117	0.202	Purging	3.74	304
04/02/2024 06:16 AM	0.307	503	0.154	0.207	Purging	3.52	309
04/02/2024 06:23 AM	1.5	503	0.754	0.288	Purging	3.68	328
04/02/2024 06:30 AM	0.207	503	0.104	0.284	Purging	3.65	310
04/02/2024 06:37 AM	0.208	503	0.105	0.278	Purging	3.66	290
04/02/2024 06:44 AM	0.214	503	0.108	0.194	Purging	4.34	269
04/02/2024 06:51 AM	0.32	503	0.161	0.201	Purging	5.12	248
04/02/2024 06:59 AM	1.434	503	0.721	0.278	Purging	5.83	248
04/02/2024 07:06 AM	0.213	503	0.107	0.277	Purging	5.41	247
04/02/2024 07:13 AM	0.216	503	0.109	0.271	Purging	4.41	187
04/02/2024 07:20 AM	0.224	503	0.113	0.191	Purging	4.25	249
04/02/2024 07:27 AM	0.291	503	0.146	0.196	Purging	4.09	327
04/02/2024 07:34 AM	1.35	503	0.679	0.268	Purging	3.69	321



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

04/02/2024 07:41 AM	0.202	503	0.102	0.267	Purging	4.35	281
04/02/2024 07:48 AM	0.203	503	0.102	0.26	Purging	4.5	269
04/02/2024 07:55 AM	0.217	503	0.109	0.183	Purging	4.9	229
04/02/2024 08:02 AM	0.271	503	0.136	0.187	Purging	4.97	246
04/02/2024 08:09 AM	1.332	503	0.67	0.257	Purging	3.96	333
04/02/2024 08:16 AM	0.2	503	0.101	0.256	Purging	4.07	267
04/02/2024 08:23 AM	0.194	503	0.098	0.25	Purging	4.19	182
04/02/2024 08:30 AM	0.203	503	0.102	0.177	Purging	4.25	101
04/02/2024 08:37 AM	1.269	503	0.638	0.244	Purging	3.89	62
04/02/2024 08:44 AM	0.19	503	0.096	0.244	Purging	4.42	84
04/02/2024 08:51 AM	0	503	0	0.23	Paused	4.55	87
04/02/2024 08:58 AM	0	503	0	0.213	Paused	4.25	39
04/02/2024 09:05 AM	0	503	0	0.129	Paused	4.75	42
04/02/2024 09:12 AM	1.211	503	0.609	0.193	Purging	5.66	43
04/02/2024 09:19 AM	0	503	0	0.181	Paused	6.38	38
04/02/2024 09:26 AM	0.396	503	0.199	0.193	Purging	7.52	40
04/02/2024 09:33 AM	1.163	503	0.585	0.186	Purging	8.8	45
04/02/2024 09:40 AM	0.181	503	0.091	0.186	Purging	9.57	43
04/02/2024 09:47 AM	0.16	503	0.08	0.196	Purging	8.97	42
04/02/2024 09:54 AM	0.172	503	0.087	0.206	Purging	8.05	19
04/02/2024 10:01 AM	0.228	503	0.115	0.221	Purging	8.42	12
04/02/2024 10:08 AM	1.1	503	0.553	0.214	Purging	9.27	35
04/02/2024 10:15 AM	0.167	503	0.084	0.224	Purging	8.71	35



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

04/02/2024 10:22 AM	0.159	503	0.08	0.209	Purging	8.27	81
04/02/2024 10:30 AM	0.149	503	0.075	0.146	Purging	8.4	82
04/02/2024 10:37 AM	0.246	503	0.124	0.15	Purging	8.82	60
04/02/2024 10:44 AM	1.039	503	0.523	0.205	Purging	8.37	43
04/02/2024 10:51 AM	0.814	503	0.409	0.245	Purging	8.09	41
04/02/2024 10:58 AM	0.794	503	0.399	0.281	Purging	9.24	61
04/02/2024 11:05 AM	0.801	503	0.403	0.262	Purging	10.44	42
04/02/2024 11:12 AM	0.903	503	0.454	0.308	Purging	9.42	18
04/02/2024 11:19 AM	0.753	503	0.379	0.346	Purging	9.91	17
04/02/2024 11:26 AM	0.79	503	0.397	0.386	Purging	9.68	21
04/02/2024 11:33 AM	0.729	503	0.367	0.416	Purging	9.67	22
04/02/2024 11:40 AM	0.759	503	0.382	0.399	Purging	10.21	45
04/02/2024 11:47 AM	0.757	503	0.381	0.395	Purging	9.43	43
04/02/2024 11:54 AM	0.699	503	0.352	0.389	Purging	9.3	21
04/02/2024 12:01 PM	0.73	503	0.367	0.385	Purging	9.57	22
04/02/2024 12:08 PM	0.688	503	0.346	0.371	Purging	10.29	21
04/02/2024 12:15 PM	0.689	503	0.347	0.367	Purging	9.98	42
04/02/2024 12:22 PM	0.631	503	0.317	0.357	Purging	9.87	36
04/02/2024 12:29 PM	0.667	503	0.336	0.353	Purging	9.21	56
04/02/2024 12:36 PM	0.62	503	0.312	0.345	Purging	11.27	78
04/02/2024 12:43 PM	0.642	503	0.323	0.337	Purging	11.32	32
04/02/2024 12:50 PM	0.678	503	0.341	0.336	Purging	8.08	55
04/02/2024 12:57 PM	0.68	503	0.342	0.333	Purging	7.6	54



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

04/02/2024 01:04 PM	0.562	503	0.283	0.325	Purging	8.72	9
04/02/2024 01:11 PM	0.562	503	0.283	0.317	Purging	9.47	59
04/02/2024 01:18 PM	0.642	503	0.323	0.318	Purging	8.62	64
04/02/2024 01:25 PM	0.504	503	0.254	0.307	Purging	9	37
04/02/2024 01:32 PM	0.602	503	0.303	0.306	Purging	9	57
04/02/2024 01:39 PM	0.582	503	0.293	0.303	Purging	7.95	81
04/02/2024 01:46 PM	0.595	503	0.299	0.297	Purging	8.91	56
04/02/2024 01:53 PM	0.592	503	0.298	0.292	Purging	9.95	31
04/02/2024 02:01 PM	0.541	503	0.272	0.29	Purging	8.66	30
04/02/2024 02:08 PM	0.561	503	0.282	0.29	Purging	8.96	6
04/02/2024 02:15 PM	0.555	503	0.279	0.285	Purging	8.9	29
04/02/2024 02:22 PM	0.537	503	0.27	0.287	Purging	8.53	31
04/02/2024 02:29 PM	0.501	503	0.252	0.281	Purging	8.88	34
04/02/2024 02:36 PM	0.501	503	0.252	0.276	Purging	8.9	35
04/02/2024 02:43 PM	0.482	503	0.242	0.268	Purging	9.63	34
04/02/2024 02:50 PM	0.495	503	0.249	0.262	Purging	9.5	57
04/02/2024 02:57 PM	0.489	503	0.246	0.259	Purging	9.41	80
04/02/2024 03:04 PM	0.458	503	0.23	0.253	Purging	10.89	54
04/02/2024 03:11 PM	0.449	503	0.226	0.246	Purging	12.3	31
04/02/2024 03:18 PM	0.47	503	0.236	0.242	Purging	11.71	56
04/02/2024 03:25 PM	0.452	503	0.227	0.239	Purging	11.79	57
04/02/2024 03:32 PM	0.439	503	0.221	0.235	Purging	11.68	33
04/02/2024 03:39 PM	0.429	503	0.216	0.231	Purging	10.54	33



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

04/02/2024 03:46 PM	0.395	503	0.199	0.225	Purging	11.75	32
04/02/2024 03:53 PM	0.402	503	0.202	0.22	Purging	12.64	29
04/02/2024 04:00 PM	0.403	503	0.203	0.216	Purging	10.94	30
04/02/2024 04:07 PM	0.39	503	0.196	0.212	Purging	9.35	103
04/02/2024 04:14 PM	0.375	503	0.189	0.206	Purging	9.4	149
04/02/2024 04:21 PM	0.392	503	0.197	0.203	Purging	10.53	55
04/02/2024 04:28 PM	0.359	503	0.181	0.198	Purging	11.35	32
04/02/2024 04:35 PM	0.356	503	0.179	0.193	Purging	9.89	55
04/02/2024 04:42 PM	0.347	503	0.175	0.19	Purging	8.83	56
04/02/2024 04:49 PM	0.316	503	0.159	0.185	Purging	9.37	60
04/02/2024 04:56 PM	0.316	503	0.159	0.179	Purging	8.59	61
04/02/2024 05:03 PM	0.329	503	0.165	0.175	Purging	7.65	58
04/02/2024 05:10 PM	0.316	503	0.159	0.172	Purging	9.53	55
04/02/2024 05:17 PM	0.321	503	0.161	0.167	Purging	11.32	55
04/02/2024 05:24 PM	0.308	503	0.155	0.164	Purging	11.1	55
04/02/2024 05:32 PM	0.316	503	0.159	0.161	Purging	11.19	31
04/02/2024 05:39 PM	0.307	503	0.154	0.159	Purging	10.23	31
04/02/2024 05:46 PM	0.303	503	0.152	0.158	Purging	8.71	101
04/02/2024 05:53 PM	0.288	503	0.145	0.156	Purging	8.02	76
04/02/2024 06:00 PM	0.284	503	0.143	0.154	Purging	7.57	54
04/02/2024 06:07 PM	0.28	503	0.141	0.151	Purging	6.61	37
04/02/2024 06:14 PM	0.281	503	0.141	0.149	Purging	5.62	17
04/02/2024 06:21 PM	0.276	503	0.139	0.147	Purging	5.63	37



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

04/02/2024 06:28 PM	0.265	503	0.133	0.144	Purging	5.6	106
04/02/2024 06:35 PM	0.264	503	0.133	0.141	Purging	6.04	149
04/02/2024 06:42 PM	0.254	503	0.128	0.138	Purging	6.32	104
04/02/2024 06:49 PM	0.258	503	0.13	0.136	Purging	8.06	61
04/02/2024 06:56 PM	0.241	503	0.121	0.133	Purging	11.07	60
04/02/2024 07:03 PM	0.235	503	0.118	0.13	Purging	12.49	58
04/02/2024 07:10 PM	0.241	503	0.121	0.128	Purging	12.15	77
04/02/2024 07:17 PM	0.232	503	0.117	0.125	Purging	12.1	53
04/02/2024 07:24 PM	0.231	503	0.116	0.123	Purging	11.88	74
04/02/2024 07:31 PM	0.224	503	0.113	0.121	Purging	10.99	124
04/02/2024 07:38 PM	0.209	503	0.105	0.118	Purging	9.76	107
04/02/2024 07:45 PM	0.195	503	0.098	0.114	Purging	9.15	57
04/02/2024 07:52 PM	0.189	503	0.095	0.111	Purging	9.26	29
04/02/2024 07:59 PM	0.188	503	0.095	0.107	Purging	9.39	6
04/02/2024 08:06 PM	0.179	503	0.09	0.104	Purging	8.99	30
04/02/2024 08:13 PM	0.183	503	0.092	0.101	Purging	8.65	77
04/02/2024 08:20 PM	0.176	503	0.089	0.097	Purging	9.04	78
04/02/2024 08:27 PM	0.18	503	0.091	0.094	Purging	9.88	52
04/02/2024 08:34 PM	0.169	503	0.085	0.092	Purging	11.05	29
04/02/2024 08:41 PM	0.169	503	0.085	0.09	Purging	10.3	30
04/02/2024 08:48 PM	0.166	503	0.083	0.089	Purging	8.71	76
04/02/2024 08:55 PM	0.163	503	0.082	0.087	Purging	8.11	76
04/02/2024 09:03 PM	0.164	503	0.082	0.086	Purging	8.21	54



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

04/02/2024 09:10 PM	0.163	503	0.082	0.085	Purging	8.44	30
04/02/2024 09:17 PM	0.16	503	0.08	0.084	Purging	7.25	29
04/02/2024 09:24 PM	0.156	503	0.078	0.082	Purging	7.53	74
04/02/2024 09:31 PM	0.159	503	0.08	0.082	Purging	7.94	97
04/02/2024 09:38 PM	0.144	503	0.072	0.08	Purging	7.35	28
04/02/2024 09:45 PM	0.146	503	0.073	0.079	Purging	7.42	9
04/02/2024 09:52 PM	0.145	503	0.073	0.078	Purging	7.98	33
04/02/2024 09:59 PM	0.139	503	0.07	0.076	Purging	7.56	124
04/02/2024 10:06 PM	0.14	503	0.07	0.075	Purging	6.35	190
04/02/2024 10:13 PM	0.134	503	0.067	0.073	Purging	6.2	96
04/02/2024 10:20 PM	0.141	503	0.071	0.072	Purging	8.15	28
04/02/2024 10:27 PM	0.136	503	0.068	0.071	Purging	8.89	52
04/02/2024 10:34 PM	0.128	503	0.064	0.07	Purging	8.96	75
04/02/2024 10:41 PM	0.135	503	0.068	0.069	Purging	7.88	99
04/02/2024 10:48 PM	0.128	503	0.064	0.068	Purging	5.98	144
04/02/2024 10:55 PM	0.133	503	0.067	0.068	Purging	3.54	211
04/02/2024 11:02 PM	0.129	503	0.065	0.067	Purging	2.32	210
04/02/2024 11:09 PM	0.121	503	0.061	0.066	Purging	2.35	149
04/02/2024 11:16 PM	0.124	503	0.062	0.065	Purging	3.15	69
04/02/2024 11:23 PM	0.124	503	0.062	0.064	Purging	4.17	29
04/02/2024 11:30 PM	0.116	503	0.058	0.064	Purging	5.12	27
04/02/2024 11:37 PM	0.119	503	0.06	0.063	Purging	5.51	20
04/02/2024 11:44 PM	0.117	503	0.059	0.062	Purging	4.45	60



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

04/02/2024 11:51 PM	0.115	503	0.058	0.061	Purging	3.98	82
04/02/2024 11:58 PM	0.111	503	0.056	0.059	Purging	4.1	85
05/02/2024 12:05 AM	0.103	503	0.052	0.058	Purging	4.53	37
05/02/2024 12:12 AM	0.113	503	0.057	0.058	Purging	4.29	31
05/02/2024 12:19 AM	0.111	503	0.056	0.057	Purging	3.85	53
05/02/2024 12:26 AM	0.103	503	0.052	0.056	Purging	2.92	75
05/02/2024 12:34 AM	0.103	503	0.052	0.055	Purging	2	164
05/02/2024 12:41 AM	0.104	503	0.052	0.054	Purging	1.31	168
05/02/2024 12:48 AM	0.105	503	0.053	0.054	Purging	1.87	65
05/02/2024 12:55 AM	0.101	503	0.051	0.053	Purging	3.24	46
05/02/2024 01:02 AM	0.098	503	0.049	0.053	Purging	3.88	39
05/02/2024 01:09 AM	0.101	503	0.051	0.052	Purging	3.42	55
05/02/2024 01:16 AM	0.1	503	0.05	0.051	Purging	3.49	80
05/02/2024 01:23 AM	0.1	503	0.05	0.051	Purging	3.19	59
05/02/2024 01:30 AM	0.091	503	0.046	0.05	Purging	2.74	34
05/02/2024 01:37 AM	0.092	503	0.046	0.05	Purging	2.77	41
05/02/2024 01:44 AM	0.094	503	0.047	0.049	Purging	3.04	50
05/02/2024 01:51 AM	0.09	503	0.045	0.048	Purging	3.25	52
05/02/2024 01:58 AM	0.101	503	0.051	0.048	Purging	3.3	52
05/02/2024 02:05 AM	0.094	503	0.047	0.048	Purging	3.33	48
05/02/2024 02:12 AM	0.084	503	0.042	0.047	Purging	3.3	83
05/02/2024 02:19 AM	0.092	503	0.046	0.046	Purging	3.58	79
05/02/2024 02:26 AM	0.09	503	0.045	0.046	Purging	3.2	56



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

05/02/2024 02:33 AM	0.082	503	0.041	0.046	Purging	3.21	13
05/02/2024 02:40 AM	0.088	503	0.044	0.045	Purging	3.64	14
05/02/2024 02:47 AM	0.086	503	0.043	0.045	Purging	3.51	60
05/02/2024 02:54 AM	0.091	503	0.046	0.044	Purging	2.99	103
05/02/2024 03:01 AM	0.088	503	0.044	0.044	Purging	2.52	136
05/02/2024 03:08 AM	0.079	503	0.04	0.044	Purging	1.81	171
05/02/2024 03:15 AM	0.077	503	0.039	0.043	Purging	3.25	189
05/02/2024 03:22 AM	0.081	503	0.041	0.042	Purging	15.76	243
05/02/2024 03:29 AM	0.078	503	0.039	0.042	Purging	16.1	211
05/02/2024 03:36 AM	0.085	503	0.043	0.042	Purging	7.74	150
05/02/2024 03:43 AM	0.072	503	0.036	0.041	Purging	4.12	88
05/02/2024 03:50 AM	0.084	503	0.042	0.041	Purging	4.68	60
05/02/2024 03:57 AM	0.068	503	0.034	0.039	Purging	4.51	43
05/02/2024 04:05 AM	0.078	503	0.039	0.039	Purging	4.93	30
05/02/2024 04:12 AM	0.073	503	0.037	0.039	Purging	4.15	141
05/02/2024 04:19 AM	0.07	503	0.035	0.038	Purging	2.19	219
05/02/2024 04:26 AM	0.069	503	0.035	0.038	Purging	1.64	156
05/02/2024 04:33 AM	0.071	503	0.036	0.037	Purging	2.33	82
05/02/2024 04:40 AM	0.076	503	0.038	0.037	Purging	3.28	54
05/02/2024 04:47 AM	0.068	503	0.034	0.036	Purging	3.97	27
05/02/2024 04:54 AM	0.072	503	0.036	0.036	Purging	3.88	13
05/02/2024 05:01 AM	0.068	503	0.034	0.036	Purging	3.67	47
05/02/2024 05:08 AM	0.072	503	0.036	0.035	Purging	3.72	179



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

05/02/2024 05:15 AM	0.072	503	0.036	0.036	Purging	4.01	297
05/02/2024 05:22 AM	0.071	503	0.036	0.036	Purging	3.6	268
05/02/2024 05:29 AM	0.067	503	0.034	0.036	Purging	3.28	244
05/02/2024 05:36 AM	0.065	503	0.033	0.035	Purging	3.06	238
05/02/2024 05:43 AM	0.061	503	0.031	0.035	Purging	4.31	257
05/02/2024 05:50 AM	0.061	503	0.031	0.034	Purging	4.72	266
05/02/2024 05:57 AM	0.063	503	0.032	0.033	Purging	3.75	279
05/02/2024 06:04 AM	0.062	503	0.031	0.033	Purging	2.64	239
05/02/2024 06:11 AM	0.066	503	0.033	0.032	Purging	3.21	140
05/02/2024 06:18 AM	0.053	503	0.027	0.031	Purging	2.89	105
05/02/2024 06:25 AM	0.055	503	0.028	0.03	Purging	2.35	170
05/02/2024 06:32 AM	0.055	503	0.028	0.03	Purging	2.07	239
05/02/2024 06:39 AM	0.061	503	0.031	0.03	Purging	2.06	196
05/02/2024 06:46 AM	0.051	503	0.026	0.029	Purging	2.41	113
05/02/2024 06:53 AM	0.052	503	0.026	0.029	Purging	2.24	93
05/02/2024 07:00 AM	0.047	503	0.024	0.028	Purging	2.66	94
05/02/2024 07:07 AM	0.054	503	0.027	0.027	Purging	4.38	88
05/02/2024 07:14 AM	0.055	503	0.028	0.027	Purging	4.3	90
05/02/2024 07:21 AM	0.058	503	0.029	0.027	Purging	3.11	100
05/02/2024 07:28 AM	0.046	503	0.023	0.027	Purging	3.47	92
05/02/2024 07:36 AM	0.058	503	0.029	0.026	Purging	4.24	93
05/02/2024 07:43 AM	0.046	503	0.023	0.026	Purging	3.76	142
05/02/2024 07:50 AM	0.041	503	0.021	0.025	Purging	2.91	167



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 1/02/2024 and 5/02/2024

05/02/2024 07:57 AM	0.048	503	0.024	0.026	Purging	2.06	186
05/02/2024 08:04 AM	0.046	503	0.023	0.025	Purging	2.58	151
05/02/2024 08:11 AM	0.044	503	0.022	0.024	Purging	2.63	103
05/02/2024 08:18 AM	0.051	503	0.026	0.024	Purging	1.78	93
05/02/2024 08:25 AM	0.047	503	0.024	0.024	Purging	1.46	85
05/02/2024 08:32 AM	0.053	503	0.027	0.024	Purging	1.78	90
05/02/2024 08:39 AM	0.035	503	0.018	0.023	Purging	2.38	94
05/02/2024 08:46 AM	0	503	0	0.02	Purging	1.66	131