



Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

Selected Dates: 12/12/2023 and 17/12/2023

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
<b>Silo: CL102</b>								
	13/12/2023 09:27 AM	0	0	0	0	Dosing	6.63	42
	13/12/2023 09:39 AM	0	0	0	0	Dosing	7.57	41
	13/12/2023 09:51 AM	0	0	0	0	Dosing	9.04	19
	13/12/2023 10:03 AM	0	0	0	0	Dosing	7.25	63
	13/12/2023 10:15 AM	0	0	0	0	Fumigation	7.16	43
	15/12/2023 02:09 PM	0	0	0	0	Fumigation	10.6	27
	15/12/2023 02:23 PM	0	15.7	0	0	Paused	10.41	50
	15/12/2023 02:30 PM	0	15.7	0	0	Paused	10.7	22
	15/12/2023 02:37 PM	0	15.7	0	0	Paused	10.11	22
	15/12/2023 02:44 PM	0	15.7	0	0	Paused	10.38	25
	15/12/2023 02:51 PM	0	15.7	0	0	Paused	11.39	24
	15/12/2023 02:58 PM	0	15.7	0	0	Paused	10.63	25
	15/12/2023 03:05 PM	0	15.7	0	0	Paused	10.42	23
	15/12/2023 03:12 PM	0	15.7	0	0	Paused	11.34	26
	15/12/2023 03:19 PM	0	15.7	0	0	Paused	11.65	24
	15/12/2023 03:26 PM	0	15.7	0	0	Paused	11.35	20
	15/12/2023 03:33 PM	0	15.7	0	0	Paused	10.12	15
	15/12/2023 03:40 PM	0	15.7	0	0	Paused	10.53	15
	15/12/2023 03:47 PM	0	15.7	0	0	Paused	10.82	21



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**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

15/12/2023 03:54 PM	0	15.7	0	0	Paused	10.34	22
15/12/2023 04:01 PM	0	15.7	0	0	Paused	10	20
15/12/2023 04:08 PM	0	15.7	0	0	Paused	9.4	41
15/12/2023 04:15 PM	0	15.7	0	0	Paused	9.91	42
15/12/2023 04:22 PM	0	15.7	0	0	Paused	9.77	17
15/12/2023 04:29 PM	0	15.7	0	0	Paused	9.97	17
15/12/2023 04:36 PM	0	15.7	0	0	Paused	9.32	63
15/12/2023 04:43 PM	0	15.7	0	0	Paused	9	64
15/12/2023 04:50 PM	0	15.7	0	0	Paused	10.17	38
15/12/2023 04:57 PM	0	15.7	0	0	Paused	10.8	39
15/12/2023 05:04 PM	0	15.7	0	0	Paused	10.42	63
15/12/2023 05:11 PM	0	15.7	0	0	Paused	11.09	64
15/12/2023 05:19 PM	0	15.7	0	0	Paused	10.95	61
15/12/2023 05:26 PM	0	15.7	0	0	Paused	10.89	43
15/12/2023 05:33 PM	0	15.7	0	0	Paused	11.19	20
15/12/2023 05:40 PM	0	15.7	0	0	Paused	10.28	33
15/12/2023 05:47 PM	0	15.7	0	0	Paused	11.44	37
15/12/2023 05:54 PM	0	15.7	0	0	Paused	12.8	19
15/12/2023 06:01 PM	0	15.7	0	0	Paused	12.71	23
15/12/2023 06:08 PM	0	15.7	0	0	Paused	13.4	27
15/12/2023 06:15 PM	0	15.7	0	0	Paused	12.93	50
15/12/2023 06:29 PM	0.274	503	0.138	0.015	Initial Purging	10.48	18
15/12/2023 06:36 PM	0.242	503	0.122	0.029	Initial Purging	10.7	62



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**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

15/12/2023 06:43 PM	0.254	503	0.128	0.043	Initial Purging	11.85	86
15/12/2023 06:50 PM	0.244	503	0.123	0.057	Initial Purging	11.72	61
15/12/2023 06:57 PM	0.232	503	0.117	0.07	Initial Purging	10.57	14
15/12/2023 07:04 PM	0.23	503	0.116	0.083	Initial Purging	11.11	38
15/12/2023 07:11 PM	0.241	503	0.121	0.096	Initial Purging	12.35	38
15/12/2023 07:18 PM	0.249	503	0.125	0.11	Initial Purging	12.13	37
15/12/2023 07:25 PM	0.235	503	0.118	0.123	Initial Purging	11.56	36
15/12/2023 07:32 PM	0.241	503	0.121	0.121	Initial Purging	10.8	34
15/12/2023 07:39 PM	0.257	503	0.129	0.122	Initial Purging	11.92	10
15/12/2023 07:46 PM	0.24	503	0.121	0.121	Initial Purging	12.55	34
15/12/2023 07:53 PM	0.267	503	0.134	0.122	Purging	12.73	32
15/12/2023 08:00 PM	0.241	503	0.121	0.123	Purging	12.77	55
15/12/2023 08:07 PM	0.236	503	0.119	0.123	Purging	13.62	58
15/12/2023 08:14 PM	0.207	503	0.104	0.121	Purging	13.16	56
15/12/2023 08:21 PM	0.211	503	0.106	0.119	Purging	12.07	31
15/12/2023 08:28 PM	0.243	503	0.122	0.12	Purging	11.63	10
15/12/2023 08:35 PM	0.386	503	0.194	0.128	Purging	11.79	8
15/12/2023 08:42 PM	0.794	503	0.399	0.158	Purging	10.91	15
15/12/2023 08:50 PM	0.789	503	0.397	0.189	Purging	10.32	16
15/12/2023 08:57 PM	0.503	503	0.253	0.202	Purging	10.27	31
15/12/2023 09:04 PM	0.66	503	0.332	0.225	Purging	10.03	56
15/12/2023 09:11 PM	0.942	503	0.474	0.265	Purging	10.4	79
15/12/2023 09:18 PM	0.346	503	0.174	0.272	Purging	10.82	55



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**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

15/12/2023 09:25 PM	0.332	503	0.167	0.279	Purging	11.25	30
15/12/2023 09:32 PM	0.31	503	0.156	0.283	Purging	10.97	76
15/12/2023 09:39 PM	0.494	503	0.248	0.289	Purging	9.71	53
15/12/2023 09:46 PM	0.481	503	0.242	0.271	Purging	9.69	28
15/12/2023 09:53 PM	0.73	503	0.367	0.268	Purging	8.87	50
15/12/2023 10:00 PM	0.711	503	0.358	0.28	Purging	7.33	97
15/12/2023 10:07 PM	0.558	503	0.281	0.274	Purging	6.77	99
15/12/2023 10:14 PM	1.003	503	0.505	0.278	Purging	6.88	74
15/12/2023 10:21 PM	0.326	503	0.164	0.276	Purging	6.56	73
15/12/2023 10:28 PM	0.34	503	0.171	0.277	Purging	6.6	53
15/12/2023 10:35 PM	0.345	503	0.174	0.279	Purging	7.53	51
15/12/2023 10:42 PM	0.617	503	0.31	0.286	Purging	8.11	51
15/12/2023 10:49 PM	0.376	503	0.189	0.28	Purging	6.8	98
15/12/2023 10:56 PM	0.69	503	0.347	0.278	Purging	6.15	124
15/12/2023 11:03 PM	0.425	503	0.214	0.262	Purging	6.63	148
15/12/2023 11:10 PM	0.593	503	0.298	0.264	Purging	6.85	123
15/12/2023 11:17 PM	0.485	503	0.244	0.235	Purging	5.71	142
15/12/2023 11:24 PM	0.486	503	0.244	0.243	Purging	4.77	245
15/12/2023 11:31 PM	1.003	503	0.505	0.281	Purging	4.29	308
15/12/2023 11:38 PM	0.237	503	0.119	0.275	Purging	4.38	204
15/12/2023 11:45 PM	0.343	503	0.173	0.259	Purging	4.83	98
15/12/2023 11:52 PM	0.73	503	0.367	0.279	Purging	4.9	166
15/12/2023 11:59 PM	0.531	503	0.267	0.27	Purging	5.46	232



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**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

16/12/2023 12:06 AM	0.908	503	0.457	0.297	Purging	4.75	186
16/12/2023 12:13 AM	0.965	503	0.485	0.318	Purging	3.51	223
16/12/2023 12:21 AM	0.414	503	0.208	0.314	Purging	3.47	282
16/12/2023 12:28 AM	0.3	503	0.151	0.304	Purging	3.88	304
16/12/2023 12:35 AM	0.363	503	0.183	0.268	Purging	3.87	283
16/12/2023 12:42 AM	0.568	503	0.286	0.286	Purging	4.07	291
16/12/2023 12:49 AM	0.318	503	0.16	0.285	Purging	4.08	296
16/12/2023 12:56 AM	0.861	503	0.433	0.292	Purging	4.06	287
16/12/2023 01:03 AM	0.671	503	0.338	0.3	Purging	3.45	280
16/12/2023 01:10 AM	0.838	503	0.422	0.296	Purging	2.67	327
16/12/2023 01:17 AM	0.658	503	0.331	0.279	Purging	2.17	265
16/12/2023 01:24 AM	0.448	503	0.225	0.281	Purging	1.84	268
16/12/2023 01:31 AM	0.711	503	0.358	0.304	Purging	1.71	325
16/12/2023 01:38 AM	0.648	503	0.326	0.32	Purging	1.59	241
16/12/2023 01:45 AM	0.761	503	0.383	0.331	Purging	2.15	143
16/12/2023 01:52 AM	0.43	503	0.216	0.337	Purging	2.85	81
16/12/2023 01:59 AM	0.684	503	0.344	0.327	Purging	2.82	147
16/12/2023 02:06 AM	0.978	503	0.492	0.344	Purging	3.18	147
16/12/2023 02:13 AM	0.31	503	0.156	0.315	Purging	2.34	174
16/12/2023 02:20 AM	0.284	503	0.143	0.294	Purging	1.24	160
16/12/2023 02:27 AM	0.319	503	0.16	0.286	Purging	1.19	210
16/12/2023 02:34 AM	0.791	503	0.398	0.291	Purging	1.75	217
16/12/2023 02:41 AM	0.839	503	0.422	0.302	Purging	2.49	117



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**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

16/12/2023 02:48 AM	0.843	503	0.424	0.306	Purging	2.38	36
16/12/2023 02:55 AM	0.628	503	0.316	0.317	Purging	2.41	13
16/12/2023 03:02 AM	0.668	503	0.336	0.316	Purging	2.51	148
16/12/2023 03:09 AM	0.807	503	0.406	0.307	Purging	2.05	268
16/12/2023 03:16 AM	0.775	503	0.39	0.333	Purging	1.81	259
16/12/2023 03:23 AM	0.688	503	0.346	0.355	Purging	2	247
16/12/2023 03:30 AM	0.452	503	0.227	0.363	Purging	2.57	165
16/12/2023 03:37 AM	0.367	503	0.185	0.339	Purging	2.68	81
16/12/2023 03:44 AM	0.532	503	0.268	0.322	Purging	2.9	40
16/12/2023 03:52 AM	0.871	503	0.438	0.324	Purging	3.28	60
16/12/2023 03:59 AM	0.795	503	0.4	0.333	Purging	4.3	57
16/12/2023 04:06 AM	0.879	503	0.442	0.345	Purging	5.58	30
16/12/2023 04:13 AM	0.767	503	0.386	0.342	Purging	5.94	30
16/12/2023 04:20 AM	0.71	503	0.357	0.339	Purging	4.75	32
16/12/2023 04:27 AM	0.953	503	0.479	0.353	Purging	3.45	101
16/12/2023 04:34 AM	0.328	503	0.165	0.346	Purging	3.33	244
16/12/2023 04:41 AM	0.251	503	0.126	0.34	Purging	3.55	322
16/12/2023 04:48 AM	0.299	503	0.15	0.327	Purging	2.61	307
16/12/2023 04:55 AM	0.511	503	0.257	0.307	Purging	2.78	304
16/12/2023 05:02 AM	0.706	503	0.355	0.302	Purging	3.52	306
16/12/2023 05:09 AM	0.905	503	0.455	0.303	Purging	3.31	171
16/12/2023 05:16 AM	0.797	503	0.401	0.305	Purging	2.55	127
16/12/2023 05:23 AM	0.827	503	0.416	0.312	Purging	2.24	184



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**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

16/12/2023 05:30 AM	0.781	503	0.393	0.302	Purging	3.12	251
16/12/2023 05:37 AM	0.932	503	0.469	0.336	Purging	5.39	291
16/12/2023 05:44 AM	0.88	503	0.443	0.371	Purging	6.31	282
16/12/2023 05:51 AM	0.611	503	0.307	0.388	Purging	5.34	281
16/12/2023 05:58 AM	0.88	503	0.443	0.409	Purging	3.6	281
16/12/2023 06:05 AM	0.725	503	0.365	0.41	Purging	2.27	283
16/12/2023 06:12 AM	0.592	503	0.298	0.393	Purging	1.82	201
16/12/2023 06:19 AM	0.57	503	0.287	0.38	Purging	2.36	172
16/12/2023 06:26 AM	0.767	503	0.386	0.377	Purging	3.19	127
16/12/2023 06:33 AM	0.852	503	0.429	0.381	Purging	3.49	57
16/12/2023 06:40 AM	0.665	503	0.334	0.365	Purging	3.16	114
16/12/2023 06:47 AM	0.84	503	0.423	0.363	Purging	2.52	139
16/12/2023 06:54 AM	0.665	503	0.334	0.366	Purging	2.23	95
16/12/2023 07:01 AM	0.649	503	0.326	0.353	Purging	2.2	55
16/12/2023 07:08 AM	0.759	503	0.382	0.355	Purging	2.17	61
16/12/2023 07:15 AM	0.582	503	0.293	0.355	Purging	1.85	63
16/12/2023 07:23 AM	0.833	503	0.419	0.369	Purging	1.25	108
16/12/2023 07:30 AM	0.864	503	0.435	0.375	Purging	1.45	204
16/12/2023 07:37 AM	0.83	503	0.417	0.374	Purging	3.11	267
16/12/2023 07:44 AM	0.852	503	0.429	0.384	Purging	6.42	285
16/12/2023 07:51 AM	0.539	503	0.271	0.367	Purging	8.82	293
16/12/2023 07:58 AM	0.849	503	0.427	0.378	Purging	10.07	296
16/12/2023 08:05 AM	0.825	503	0.415	0.388	Purging	10.35	290



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**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

16/12/2023 08:12 AM	0.808	503	0.406	0.39	Purging	9.37	288
16/12/2023 08:19 AM	0.803	503	0.404	0.403	Purging	9.59	288
16/12/2023 08:26 AM	0.776	503	0.39	0.399	Purging	9.6	285
16/12/2023 08:33 AM	0.652	503	0.328	0.388	Purging	8.7	284
16/12/2023 08:40 AM	0.722	503	0.363	0.382	Purging	7.55	285
16/12/2023 08:47 AM	0.62	503	0.312	0.369	Purging	7.27	282
16/12/2023 08:54 AM	0.639	503	0.321	0.374	Purging	5.31	266
16/12/2023 09:01 AM	0.689	503	0.347	0.365	Purging	3.93	250
16/12/2023 09:08 AM	0.62	503	0.312	0.354	Purging	4.81	212
16/12/2023 09:15 AM	0.77	503	0.387	0.352	Purging	5.6	218
16/12/2023 09:22 AM	0.719	503	0.362	0.347	Purging	5.82	255
16/12/2023 09:29 AM	0.57	503	0.287	0.335	Purging	5.83	242
16/12/2023 09:36 AM	0.712	503	0.358	0.339	Purging	6.28	221
16/12/2023 09:43 AM	0.66	503	0.332	0.335	Purging	5.13	217
16/12/2023 09:50 AM	0.631	503	0.317	0.336	Purging	5.41	240
16/12/2023 09:57 AM	0.6	503	0.302	0.334	Purging	6.56	244
16/12/2023 10:04 AM	0.686	503	0.345	0.334	Purging	7.03	218
16/12/2023 10:11 AM	0.641	503	0.322	0.335	Purging	6.63	235
16/12/2023 10:18 AM	0.611	503	0.307	0.326	Purging	9.37	285
16/12/2023 10:25 AM	0.598	503	0.301	0.319	Purging	12.95	299
16/12/2023 10:32 AM	0.603	503	0.303	0.321	Purging	12.08	292
16/12/2023 10:39 AM	0.587	503	0.295	0.314	Purging	10.87	288
16/12/2023 10:46 AM	0.627	503	0.315	0.312	Purging	9.02	287





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**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

16/12/2023 10:54 AM	0.528	503	0.266	0.306	Purging	8.82	285
16/12/2023 11:01 AM	0.603	503	0.303	0.306	Purging	9.24	284
16/12/2023 11:08 AM	0.515	503	0.259	0.297	Purging	8.85	281
16/12/2023 11:15 AM	0.611	503	0.307	0.295	Purging	11.31	289
16/12/2023 11:22 AM	0.562	503	0.283	0.292	Purging	9.84	278
16/12/2023 11:29 AM	0.551	503	0.277	0.29	Purging	9.02	267
16/12/2023 11:36 AM	0.548	503	0.276	0.287	Purging	10.64	259
16/12/2023 11:43 AM	0.512	503	0.258	0.283	Purging	10.67	261
16/12/2023 11:50 AM	0.618	503	0.311	0.282	Purging	11.35	279
16/12/2023 11:57 AM	0.584	503	0.294	0.285	Purging	10.36	285
16/12/2023 12:04 PM	0.538	503	0.271	0.282	Purging	8.34	273
16/12/2023 12:11 PM	0.57	503	0.287	0.285	Purging	6.04	258
16/12/2023 12:18 PM	0.588	503	0.296	0.283	Purging	6.39	268
16/12/2023 12:25 PM	0.546	503	0.275	0.282	Purging	8.93	269
16/12/2023 12:32 PM	0.55	503	0.277	0.282	Purging	9.93	253
16/12/2023 12:39 PM	0.568	503	0.286	0.283	Purging	9.93	239
16/12/2023 12:46 PM	0.529	503	0.266	0.284	Purging	8.65	213
16/12/2023 12:53 PM	0.523	503	0.263	0.279	Purging	7.6	205
16/12/2023 01:00 PM	0.526	503	0.265	0.276	Purging	6.9	217
16/12/2023 01:07 PM	0.491	503	0.247	0.273	Purging	8.86	249
16/12/2023 01:14 PM	0.507	503	0.255	0.27	Purging	9.47	274
16/12/2023 01:21 PM	0.501	503	0.252	0.265	Purging	8.4	278
16/12/2023 01:28 PM	0.49	503	0.246	0.262	Purging	9.83	279



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**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

16/12/2023 01:35 PM	0.512	503	0.258	0.26	Purging	11.47	268
16/12/2023 01:42 PM	0.482	503	0.242	0.255	Purging	10.06	253
16/12/2023 01:49 PM	0.437	503	0.22	0.25	Purging	9.95	268
16/12/2023 01:56 PM	0.417	503	0.21	0.244	Purging	8.42	271
16/12/2023 02:03 PM	0.411	503	0.207	0.237	Purging	7.9	267
16/12/2023 02:10 PM	0.379	503	0.191	0.231	Purging	6.33	271
16/12/2023 02:17 PM	0.404	503	0.203	0.225	Purging	4.61	275
16/12/2023 02:25 PM	0.384	503	0.193	0.219	Purging	8.47	245
16/12/2023 02:32 PM	0.356	503	0.179	0.211	Purging	8.61	237
16/12/2023 02:39 PM	0.353	503	0.178	0.203	Purging	6.66	262
16/12/2023 02:46 PM	0.348	503	0.175	0.195	Purging	7.27	271
16/12/2023 02:53 PM	0.317	503	0.159	0.188	Purging	6.89	229
16/12/2023 03:00 PM	0.611	503	0.307	0.199	Purging	6.42	193
16/12/2023 03:07 PM	0.583	503	0.293	0.209	Purging	9.93	175
16/12/2023 03:14 PM	0.522	503	0.263	0.217	Purging	8.42	114
16/12/2023 03:21 PM	0.471	503	0.237	0.221	Purging	4.98	117
16/12/2023 03:28 PM	0.425	503	0.214	0.223	Purging	4.42	113
16/12/2023 03:35 PM	0.464	503	0.233	0.229	Purging	3.62	101
16/12/2023 03:42 PM	0.397	503	0.2	0.231	Purging	3.56	126
16/12/2023 03:49 PM	0.377	503	0.19	0.233	Purging	3.45	125
16/12/2023 03:56 PM	0.358	503	0.18	0.235	Purging	3.88	117
16/12/2023 04:03 PM	0.329	503	0.165	0.219	Purging	4.02	124
16/12/2023 04:10 PM	0.312	503	0.157	0.204	Purging	3.97	108



Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

16/12/2023 04:17 PM	0.296	503	0.149	0.192	Purging	6.5	45
16/12/2023 04:24 PM	0.284	503	0.143	0.181	Purging	8.29	47
16/12/2023 04:31 PM	0.283	503	0.142	0.173	Purging	9.48	42
16/12/2023 04:38 PM	0.259	503	0.13	0.162	Purging	9.79	36
16/12/2023 04:45 PM	0.259	503	0.13	0.154	Purging	10.56	56
16/12/2023 04:52 PM	0.249	503	0.125	0.147	Purging	9.08	34
16/12/2023 04:59 PM	0.251	503	0.126	0.141	Purging	7.27	58
16/12/2023 05:06 PM	0.251	503	0.126	0.137	Purging	7.89	36
16/12/2023 05:13 PM	0.232	503	0.117	0.132	Purging	6.99	17
16/12/2023 05:20 PM	0.231	503	0.116	0.129	Purging	6.72	64
16/12/2023 05:27 PM	0.223	503	0.112	0.125	Purging	6.2	76
16/12/2023 05:34 PM	0.221	503	0.111	0.122	Purging	6.63	42
16/12/2023 05:41 PM	0.221	503	0.111	0.119	Purging	6.08	43
16/12/2023 05:48 PM	0.213	503	0.107	0.117	Purging	5.35	77
16/12/2023 05:56 PM	0.196	503	0.099	0.114	Purging	10.66	138
16/12/2023 06:03 PM	0.22	503	0.111	0.112	Purging	15.77	161
16/12/2023 06:10 PM	0.193	503	0.097	0.109	Purging	16.54	175
16/12/2023 06:17 PM	0.188	503	0.095	0.106	Purging	17.01	179
16/12/2023 06:24 PM	0.188	503	0.095	0.104	Purging	16.98	180
16/12/2023 06:31 PM	0.174	503	0.088	0.101	Purging	14.72	178
16/12/2023 06:38 PM	0.178	503	0.09	0.099	Purging	14.06	176
16/12/2023 06:45 PM	0.181	503	0.091	0.097	Purging	13.78	169
16/12/2023 06:52 PM	0.181	503	0.091	0.095	Purging	14.89	164



Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

16/12/2023 06:59 PM	0.181	503	0.091	0.094	Purging	14.52	166
16/12/2023 07:06 PM	0.167	503	0.084	0.091	Purging	14.27	171
16/12/2023 07:13 PM	0.165	503	0.083	0.09	Purging	14.62	166
16/12/2023 07:20 PM	0.161	503	0.081	0.088	Purging	12.74	163
16/12/2023 07:27 PM	0.161	503	0.081	0.087	Purging	12.27	161
16/12/2023 07:34 PM	0.165	503	0.083	0.086	Purging	12.8	162
16/12/2023 07:41 PM	0.158	503	0.079	0.085	Purging	12.98	168
16/12/2023 07:48 PM	0.157	503	0.079	0.084	Purging	14.04	162
16/12/2023 07:55 PM	0.149	503	0.075	0.082	Purging	14.26	158
16/12/2023 08:02 PM	0.154	503	0.077	0.08	Purging	15.09	161
16/12/2023 08:09 PM	0.149	503	0.075	0.079	Purging	14.8	157
16/12/2023 08:16 PM	0.149	503	0.075	0.078	Purging	13.35	157
16/12/2023 08:23 PM	0.151	503	0.076	0.078	Purging	13.63	155
16/12/2023 08:30 PM	0.142	503	0.071	0.077	Purging	13.56	148
16/12/2023 08:37 PM	0.141	503	0.071	0.075	Purging	12.51	147
16/12/2023 08:44 PM	0.137	503	0.069	0.074	Purging	11.52	154
16/12/2023 08:51 PM	0.133	503	0.067	0.073	Purging	11.41	149
16/12/2023 08:58 PM	0.133	503	0.067	0.072	Purging	11.12	146
16/12/2023 09:05 PM	0.133	503	0.067	0.071	Purging	11.8	143
16/12/2023 09:12 PM	0.132	503	0.066	0.07	Purging	12.42	135
16/12/2023 09:19 PM	0.132	503	0.066	0.069	Purging	12.05	138
16/12/2023 09:27 PM	0.13	503	0.065	0.068	Purging	10.85	146
16/12/2023 09:34 PM	0.13	503	0.065	0.067	Purging	11.31	144



Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

16/12/2023 09:41 PM	0.126	503	0.063	0.066	Purging	11.28	140
16/12/2023 09:48 PM	0.126	503	0.063	0.066	Purging	10.85	140
16/12/2023 09:55 PM	0.122	503	0.061	0.065	Purging	10.99	141
16/12/2023 10:02 PM	0.119	503	0.06	0.064	Purging	10.82	141
16/12/2023 10:09 PM	0.118	503	0.059	0.064	Purging	10.68	135
16/12/2023 10:16 PM	0.117	503	0.059	0.063	Purging	10.52	137
16/12/2023 10:23 PM	0.118	503	0.059	0.062	Purging	9.18	136
16/12/2023 10:30 PM	0.114	503	0.057	0.061	Purging	8.42	132
16/12/2023 10:37 PM	0.117	503	0.059	0.06	Purging	8.33	134
16/12/2023 10:44 PM	0.113	503	0.057	0.059	Purging	7.85	129
16/12/2023 10:51 PM	0.115	503	0.058	0.059	Purging	8.41	131
16/12/2023 10:58 PM	0.105	503	0.053	0.058	Purging	10.87	137
16/12/2023 11:05 PM	0.111	503	0.056	0.058	Purging	12.53	135
16/12/2023 11:12 PM	0.11	503	0.055	0.057	Purging	12.83	134
16/12/2023 11:19 PM	0.106	503	0.053	0.056	Purging	12	129
16/12/2023 11:26 PM	0.106	503	0.053	0.056	Purging	10.83	126
16/12/2023 11:33 PM	0.106	503	0.053	0.055	Purging	10.96	120
16/12/2023 11:40 PM	0.106	503	0.053	0.055	Purging	11.06	117
16/12/2023 11:47 PM	0.106	503	0.053	0.054	Purging	10.65	114
16/12/2023 11:54 PM	0.099	503	0.05	0.053	Purging	10.31	118
17/12/2023 12:01 AM	0.098	503	0.049	0.053	Purging	10.39	127
17/12/2023 12:08 AM	0.098	503	0.049	0.052	Purging	10.21	126
17/12/2023 12:15 AM	0.099	503	0.05	0.052	Purging	9.48	128



Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

17/12/2023 12:22 AM	0.098	503	0.049	0.051	Purging	8.82	128
17/12/2023 12:29 AM	0.094	503	0.047	0.05	Purging	9.13	117
17/12/2023 12:36 AM	0.099	503	0.05	0.05	Purging	10.56	109
17/12/2023 12:43 AM	0.095	503	0.048	0.049	Purging	11.21	107
17/12/2023 12:50 AM	0.094	503	0.047	0.049	Purging	10.55	106
17/12/2023 12:58 AM	0.091	503	0.046	0.048	Purging	10.11	109
17/12/2023 01:05 AM	0.094	503	0.047	0.048	Purging	10.41	108
17/12/2023 01:12 AM	0.094	503	0.047	0.048	Purging	10.5	106
17/12/2023 01:19 AM	0.091	503	0.046	0.047	Purging	10.87	103
17/12/2023 01:26 AM	0.091	503	0.046	0.047	Purging	12.09	102
17/12/2023 01:33 AM	0.091	503	0.046	0.047	Purging	12.66	101
17/12/2023 01:40 AM	0.086	503	0.043	0.046	Purging	11.95	97
17/12/2023 01:47 AM	0.082	503	0.041	0.045	Purging	11.57	99
17/12/2023 01:54 AM	0.091	503	0.046	0.045	Purging	10.79	101
17/12/2023 02:01 AM	0.082	503	0.041	0.045	Purging	9.93	97
17/12/2023 02:08 AM	0.082	503	0.041	0.044	Purging	10.25	95
17/12/2023 02:15 AM	0.082	503	0.041	0.043	Purging	9.12	91
17/12/2023 02:22 AM	0.082	503	0.041	0.043	Purging	7.3	79
17/12/2023 02:29 AM	0.087	503	0.044	0.043	Purging	6.66	63
17/12/2023 02:36 AM	0.082	503	0.041	0.042	Purging	5.57	61
17/12/2023 02:43 AM	0.082	503	0.041	0.042	Purging	5.59	72
17/12/2023 02:50 AM	0.081	503	0.041	0.042	Purging	5.8	81
17/12/2023 02:57 AM	0.082	503	0.041	0.041	Purging	5.65	64



Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

17/12/2023 03:04 AM	0.082	503	0.041	0.041	Purging	5.34	38
17/12/2023 03:11 AM	0.079	503	0.04	0.041	Purging	6.74	52
17/12/2023 03:18 AM	0.08	503	0.04	0.041	Purging	6.28	53
17/12/2023 03:25 AM	0.082	503	0.041	0.041	Purging	5.17	133
17/12/2023 03:32 AM	0.072	503	0.036	0.04	Purging	3.67	253
17/12/2023 03:39 AM	0.08	503	0.04	0.04	Purging	1.88	307
17/12/2023 03:46 AM	0.076	503	0.038	0.04	Purging	1.38	316
17/12/2023 03:53 AM	0.074	503	0.037	0.04	Purging	1.68	249
17/12/2023 04:00 AM	0.075	503	0.038	0.039	Purging	3.92	122
17/12/2023 04:07 AM	0.074	503	0.037	0.039	Purging	5.96	42
17/12/2023 04:14 AM	0.074	503	0.037	0.038	Purging	5.96	47
17/12/2023 04:21 AM	0.079	503	0.04	0.038	Purging	6.51	44
17/12/2023 04:29 AM	0.074	503	0.037	0.038	Purging	6.7	39
17/12/2023 04:36 AM	0.079	503	0.04	0.038	Purging	5.89	44
17/12/2023 04:43 AM	0.074	503	0.037	0.038	Purging	5.42	47
17/12/2023 04:50 AM	0.074	503	0.037	0.038	Purging	5.67	39
17/12/2023 04:57 AM	0.074	503	0.037	0.038	Purging	5.85	45
17/12/2023 05:04 AM	0.072	503	0.036	0.038	Purging	5.74	48
17/12/2023 05:11 AM	0.066	503	0.033	0.037	Purging	4.95	46
17/12/2023 05:18 AM	0.074	503	0.037	0.037	Purging	5.02	43
17/12/2023 05:25 AM	0.071	503	0.036	0.037	Purging	5.03	44
17/12/2023 05:32 AM	0.067	503	0.034	0.036	Purging	5.2	44
17/12/2023 05:39 AM	0.069	503	0.035	0.036	Purging	4.45	55



**Port Kembla Grain Terminal**

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

17/12/2023 05:46 AM	0.067	503	0.034	0.035	Purging	4.5	80
17/12/2023 05:53 AM	0.089	503	0.045	0.036	Purging	6.05	77
17/12/2023 06:00 AM	0.067	503	0.034	0.036	Purging	6.87	59
17/12/2023 06:07 AM	0.075	503	0.038	0.036	Purging	6.83	60
17/12/2023 06:14 AM	0.065	503	0.033	0.036	Purging	7.08	53
17/12/2023 06:21 AM	0.062	503	0.031	0.035	Purging	6.57	47
17/12/2023 06:28 AM	0.069	503	0.035	0.035	Purging	4.92	48
17/12/2023 06:35 AM	0.081	503	0.041	0.036	Purging	4.38	50
17/12/2023 06:42 AM	0.075	503	0.038	0.036	Purging	4.21	43
17/12/2023 06:49 AM	0.085	503	0.043	0.037	Purging	4.69	37
17/12/2023 06:56 AM	0.082	503	0.041	0.037	Purging	5.7	34
17/12/2023 07:03 AM	0.066	503	0.033	0.037	Purging	5.59	45
17/12/2023 07:10 AM	0.067	503	0.034	0.036	Purging	4.94	50
17/12/2023 07:17 AM	0.078	503	0.039	0.037	Purging	4.83	42
17/12/2023 07:24 AM	0.067	503	0.034	0.037	Purging	4.37	56
17/12/2023 07:31 AM	0.073	503	0.037	0.038	Purging	4.76	56
17/12/2023 07:38 AM	0.064	503	0.032	0.037	Purging	4.62	48
17/12/2023 07:45 AM	0.077	503	0.039	0.037	Purging	5.44	50
17/12/2023 07:52 AM	0.068	503	0.034	0.036	Purging	6.2	53
17/12/2023 08:00 AM	0.07	503	0.035	0.035	Purging	6.06	53
17/12/2023 08:07 AM	0.065	503	0.033	0.035	Purging	6.05	46
17/12/2023 08:14 AM	0.069	503	0.035	0.035	Purging	6.12	47
17/12/2023 08:21 AM	0.071	503	0.036	0.035	Purging	5.34	45





Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

17/12/2023 08:28 AM	0.081	503	0.041	0.036	Purging	5.72	37
17/12/2023 08:35 AM	0.063	503	0.032	0.035	Purging	6.37	30
17/12/2023 08:42 AM	0.07	503	0.035	0.035	Purging	5.91	28
17/12/2023 08:49 AM	0.073	503	0.037	0.035	Purging	4.45	23
17/12/2023 08:56 AM	0.058	503	0.029	0.035	Purging	4.28	157
17/12/2023 09:03 AM	0.065	503	0.033	0.035	Purging	4.36	295
17/12/2023 09:10 AM	0.059	503	0.03	0.034	Purging	4.2	283
17/12/2023 09:17 AM	0.055	503	0.028	0.033	Purging	3.74	210
17/12/2023 09:24 AM	0.052	503	0.026	0.032	Purging	3.22	176
17/12/2023 09:31 AM	0.055	503	0.028	0.031	Purging	1.99	179
17/12/2023 09:38 AM	0.059	503	0.03	0.03	Purging	2.61	113
17/12/2023 09:45 AM	0.056	503	0.028	0.03	Purging	3.18	68
17/12/2023 09:52 AM	0.05	503	0.025	0.028	Purging	3.31	51
17/12/2023 09:59 AM	0.054	503	0.027	0.028	Purging	3.27	70
17/12/2023 10:06 AM	0.051	503	0.026	0.027	Purging	3.55	83
17/12/2023 10:13 AM	0.055	503	0.028	0.027	Purging	3.74	45
17/12/2023 10:20 AM	0.056	503	0.028	0.027	Purging	3.68	31
17/12/2023 10:27 AM	0.051	503	0.026	0.027	Purging	3.6	53
17/12/2023 10:34 AM	0.059	503	0.03	0.027	Purging	5.73	53
17/12/2023 10:41 AM	0.051	503	0.026	0.027	Purging	7.87	32
17/12/2023 10:48 AM	0.055	503	0.028	0.027	Purging	7.96	30
17/12/2023 10:55 AM	0.051	503	0.026	0.027	Purging	8.3	30
17/12/2023 11:02 AM	0.054	503	0.027	0.027	Purging	8.03	31



Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

17/12/2023 11:09 AM	0.051	503	0.026	0.027	Purging	7.98	37
17/12/2023 11:16 AM	0.051	503	0.026	0.027	Purging	7.5	37
17/12/2023 11:23 AM	0.043	503	0.022	0.026	Purging	7.35	36
17/12/2023 11:31 AM	0.048	503	0.024	0.026	Purging	7.77	38
17/12/2023 11:38 AM	0.048	503	0.024	0.025	Purging	7.43	39
17/12/2023 11:45 AM	0.043	503	0.022	0.025	Purging	7.31	62
17/12/2023 11:52 AM	0.041	503	0.021	0.024	Purging	8.12	58
17/12/2023 11:59 AM	0.044	503	0.022	0.024	Purging	8.53	38
17/12/2023 12:06 PM	0.042	503	0.021	0.023	Purging	9.44	35
17/12/2023 12:13 PM	0.044	503	0.022	0.022	Purging	10.2	32
17/12/2023 12:20 PM	0.043	503	0.022	0.022	Purging	11.28	35
17/12/2023 12:27 PM	0.041	503	0.021	0.022	Purging	12.24	35
17/12/2023 12:34 PM	0.044	503	0.022	0.022	Purging	12.16	33
17/12/2023 12:41 PM	0.041	503	0.021	0.021	Purging	12.75	31
17/12/2023 12:48 PM	0.044	503	0.022	0.021	Purging	12.76	31
17/12/2023 12:55 PM	0.036	503	0.018	0.021	Purging	12.3	33
17/12/2023 01:02 PM	0.037	503	0.019	0.021	Purging	12.35	33
17/12/2023 01:09 PM	0.029	503	0.015	0.02	Purging	12.45	33
17/12/2023 01:16 PM	0.034	503	0.017	0.02	Purging	11.75	33
17/12/2023 01:23 PM	0.037	503	0.019	0.019	Purging	11.53	32
17/12/2023 01:30 PM	0.036	503	0.018	0.019	Purging	11.49	31
17/12/2023 01:37 PM	0.036	503	0.018	0.018	Purging	12.32	32
17/12/2023 01:44 PM	0.036	503	0.018	0.018	Purging	13.29	36



Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

17/12/2023 01:51 PM	0.032	503	0.016	0.018	Purging	12.27	35
17/12/2023 01:58 PM	0.032	503	0.016	0.017	Purging	12.52	32
17/12/2023 02:05 PM	0.036	503	0.018	0.017	Purging	13.3	31
17/12/2023 02:12 PM	0.036	503	0.018	0.018	Purging	12.24	27
17/12/2023 02:19 PM	0.036	503	0.018	0.018	Purging	11.8	28
17/12/2023 02:26 PM	0.037	503	0.019	0.018	Purging	10.16	26
17/12/2023 02:33 PM	0.036	503	0.018	0.018	Purging	10.09	23
17/12/2023 02:40 PM	0.041	503	0.021	0.018	Purging	12.07	25
17/12/2023 02:47 PM	0.036	503	0.018	0.018	Purging	13.6	30
17/12/2023 02:54 PM	0.032	503	0.016	0.018	Purging	12.8	32
17/12/2023 03:02 PM	0.038	503	0.019	0.018	Purging	12.9	33
17/12/2023 03:09 PM	0.034	503	0.017	0.018	Purging	13.97	32
17/12/2023 03:16 PM	0.037	503	0.019	0.018	Purging	12.61	47
17/12/2023 03:23 PM	0.032	503	0.016	0.018	Purging	12.16	44
17/12/2023 03:30 PM	0.036	503	0.018	0.018	Purging	12.81	52
17/12/2023 03:37 PM	0.032	503	0.016	0.018	Purging	13.07	32
17/12/2023 03:44 PM	0.029	503	0.015	0.017	Purging	12.67	31
17/12/2023 03:51 PM	0.036	503	0.018	0.017	Purging	11.99	35
17/12/2023 03:58 PM	0.031	503	0.016	0.017	Purging	12.8	34
17/12/2023 04:05 PM	0.036	503	0.018	0.017	Purging	12.64	31
17/12/2023 04:12 PM	0.036	503	0.018	0.017	Purging	12.81	30
17/12/2023 04:19 PM	0.036	503	0.018	0.017	Purging	13.05	31
17/12/2023 04:26 PM	0.032	503	0.016	0.017	Purging	13.33	29



Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

17/12/2023 04:33 PM	0.037	503	0.019	0.017	Purging	13.59	25
17/12/2023 04:40 PM	0.028	503	0.014	0.017	Purging	12.71	27
17/12/2023 04:47 PM	0.033	503	0.017	0.017	Purging	11.86	31
17/12/2023 04:54 PM	0.036	503	0.018	0.017	Purging	11.97	34
17/12/2023 05:01 PM	0.031	503	0.016	0.017	Purging	11.79	33
17/12/2023 05:08 PM	0.037	503	0.019	0.017	Purging	11.24	29
17/12/2023 05:15 PM	0.032	503	0.016	0.017	Purging	12.54	26
17/12/2023 05:22 PM	0.036	503	0.018	0.017	Purging	13.01	26
17/12/2023 05:29 PM	0.033	503	0.017	0.017	Purging	12.62	29
17/12/2023 05:36 PM	0.034	503	0.017	0.017	Purging	11.24	33
17/12/2023 05:43 PM	0.031	503	0.016	0.017	Purging	10.82	36
17/12/2023 05:50 PM	0.032	503	0.016	0.017	Purging	9.9	36
17/12/2023 05:57 PM	0.034	503	0.017	0.017	Purging	9.38	34
17/12/2023 06:04 PM	0.036	503	0.018	0.017	Purging	8.96	32
17/12/2023 06:11 PM	0.036	503	0.018	0.017	Purging	8.93	34
17/12/2023 06:18 PM	0.032	503	0.016	0.017	Purging	9.58	31
17/12/2023 06:25 PM	0.037	503	0.019	0.017	Purging	9.47	26
17/12/2023 06:33 PM	0.035	503	0.018	0.017	Purging	8.59	25
17/12/2023 06:40 PM	0.036	503	0.018	0.017	Purging	9.67	27
17/12/2023 06:47 PM	0.035	503	0.018	0.017	Purging	10.45	27
17/12/2023 06:54 PM	0.036	503	0.018	0.018	Purging	9.51	29
17/12/2023 07:01 PM	0.032	503	0.016	0.018	Purging	8.77	30
17/12/2023 07:08 PM	0.036	503	0.018	0.018	Purging	8.22	31



Port Kembla Grain Terminal

**Fumigation Gas Reading Log**

**Selected Dates: 12/12/2023 and 17/12/2023**

17/12/2023 07:15 PM	0.035	503	0.018	0.018	Purging	8.72	31
17/12/2023 07:22 PM	0.036	503	0.018	0.018	Purging	7.96	33
17/12/2023 07:29 PM	0.036	503	0.018	0.018	Purging	6.91	33
17/12/2023 07:36 PM	0	503	0	0.016	Purging	6.69	32