



## Orica Kooragang Island Monitoring Points 3, 4 and 22

### Details of Licence Conditions

**EPA Licence No:** 828

**Link to full license on EPA website:** <http://www.epa.nsw.gov.au/prpoeapp/Detail.aspx?instid=828&id=828&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>

**Licensee Name:** ORICA AUSTRALIA PTY LTD

**Licensee Address:** 15 Greenleaf Rd, KOORAGANG NSW 2304

**Location of Monitoring Points (see licence reference P1.1):** [http://www.orica.com/images/UserUploadedImages/495/2013\\_Orica-KI\\_monitoring\\_locations.jpg](http://www.orica.com/images/UserUploadedImages/495/2013_Orica-KI_monitoring_locations.jpg)

**Concentration Limit:** see licence L.3.5

For Kooragang Island air emissions both monthly and annual reports are required. The monthly summary will be for monitoring points 3,4 and 22. Annual for other points

### Monthly Summary: April 2021 - March 2022

Sampling/Monitoring Period	Monitoring Point	Location of Monitoring Point	Date Published	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	No. of Times measured during month	Min.	Max.	99%ile Limit	100%ile Limit	No of Hours Over 99 %ile Limit	Comments on Exceedences
Apr-21	3	NAP1 Stack	10/05/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	7	1901	615	2500	5	
	4	NAP2 Stack	10/05/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	26	965	575	2500	2	
	22	NAP3 Stack	10/05/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	44	449	410	2000	1	
May-21	3	NAP1 Stack	7/06/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	0	1260	615	2500	4	
	4	NAP2 Stack	7/06/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	32	615	575	2500	1	
	22	NAP3 Stack	7/06/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	31	358	410	2000	0	
Jun-21	3	NAP1 Stack	2/07/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	8	546	615	2500	0	
	4	NAP2 Stack	2/07/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	48	563	575	2500	0	
	22	NAP3 Stack	2/07/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	59	145	410	2000	0	
Jul-21	3	NAP1 Stack	13/08/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	0	691	615	2500	3	
	4	NAP2 Stack	13/08/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	295	1286	575	2500	1	
	22	NAP3 Stack	13/08/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	32	690	410	2000	3	
Aug-21	3	NAP1 Stack	15/09/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	7	1615	615	2500	3	
	4	NAP2 Stack	15/09/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	301	505	575	2500	0	
	22	NAP3 Stack	15/09/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	56	171	410	2000	0	
Sep-21	3	NAP1 Stack	11/10/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	0	1000	615	2500	6	
	4	NAP2 Stack	11/10/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	1	902	575	2500	2	
	22	NAP3 Stack	11/10/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	64	125	410	2000	0	
Oct-21	3	NAP1 Stack	12/11/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	0	924	615	2500	0	
	4	NAP2 Stack	12/11/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	14	1165	575	2500	14	
	22	NAP3 Stack	12/11/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	2	824	410	2000	2	
Nov-21	3	NAP1 Stack	10/12/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	0	1310	615	2500	11	
	4	NAP2 Stack	10/12/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	10	1304	575	2500	3	
	22	NAP3 Stack	10/12/2021	NOx	mg/m <sup>3</sup>	Continuous	Continuous	47	187	410	2000	0	
Dec-21	3	NAP1 Stack	18/01/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	3	1008	615	2500	4	
	4	NAP2 Stack	18/01/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	6	740	575	2500	4	
	22	NAP3 Stack	18/01/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	27	500	410	2000	2	
Jan-22	3	NAP1 Stack	18/02/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	14	840	615	2500	2	
	4	NAP2 Stack	18/02/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	3	1150	575	2500	2	
	22	NAP3 Stack	18/02/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	59	879	410	2000	2	
Feb-22	3	NAP1 Stack	16/03/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	21	1212	615	2500	4	
	4	NAP2 Stack	16/03/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	193	1068	575	2500	1	
	22	NAP3 Stack	16/03/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	48	452	410	2000	2	
Mar-22	3	NAP1 Stack	6/04/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	7	1100	615	2500	5	
	4	NAP2 Stack	6/04/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	3	1128	575	2500	4	
	22	NAP3 Stack	6/04/2022	NOx	mg/m <sup>3</sup>	Continuous	Continuous	40	710	410	2000	6	

\* Note: Nitrogen oxides means nitrogen dioxide (NO2) or nitric oxide (NO) or both, as NO2 equivalent.

\* Reference conditions: Dry, 273K, 101.3kPa. Oxygen correction: N/A. Averaging period: 1 Hour Block.

\* Licence limits varied in accordance with License Variation 1590586.

\* 100%ile limits in alignment with *Environment Operations (Clean Air) Regulation 2010*.