



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

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 2022 - March 2023

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-22	3	NAP1 Stack	16/05/2022	NOx	mg/m ³	Continuous	Continuous	9	657	615	2500	1	
	4	NAP2 Stack	16/05/2022	NOx	mg/m ³	Continuous	Continuous	105	992	575	2500	1	
	22	NAP3 Stack	16/05/2022	NOx	mg/m ³	Continuous	Continuous	30	818	410	2000	3	
May-22	3	NAP1 Stack	16/06/2022	NOx	mg/m ³	Continuous	Continuous	4	1662	615	2500	7	
	4	NAP2 Stack	16/06/2022	NOx	mg/m ³	Continuous	Continuous	173	659	575	2500	1	
	22	NAP3 Stack	16/06/2022	NOx	mg/m ³	Continuous	Continuous	47	742	410	2000	3	
Jun-22	3	NAP1 Stack	17/07/2022	NOx	mg/m ³	Continuous	Continuous	2	1252	615	2500	2	
	4	NAP2 Stack	17/07/2022	NOx	mg/m ³	Continuous	Continuous	5	1166	575	2500	4	
	22	NAP3 Stack	17/07/2022	NOx	mg/m ³	Continuous	Continuous	23	508	410	2000	2	
Jul-22	3	NAP1 Stack	11/08/2022	NOx	mg/m ³	Continuous	Continuous	2	1313	615	2500	6	
	4	NAP2 Stack	11/08/2022	NOx	mg/m ³	Continuous	Continuous	11	699	575	2500	1	
	22	NAP3 Stack	11/08/2022	NOx	mg/m ³	Continuous	Continuous	38	593	410	2000	1	
Aug-22	3	NAP1 Stack	16/09/2022	NOx	mg/m ³	Continuous	Continuous	94	114	615	2500	0	
	4	NAP2 Stack	16/09/2022	NOx	mg/m ³	Continuous	Continuous	40	762	575	2500	2	
	22	NAP3 Stack	16/09/2022	NOx	mg/m ³	Continuous	Continuous	23	744	410	2000	9	
Sep-22	3	NAP1 Stack	14/10/2022	NOx	mg/m ³	Continuous	Continuous	34	563	615	2500	0	
	4	NAP2 Stack	14/10/2022	NOx	mg/m ³	Continuous	Continuous	5	645	575	2500	1	
	22	NAP3 Stack	14/10/2022	NOx	mg/m ³	Continuous	Continuous	29	849	410	2000	3	
Oct-22	3	NAP1 Stack	16/11/2022	NOx	mg/m ³	Continuous	Continuous	5	1772	615	2500	10	
	4	NAP2 Stack	16/11/2022	NOx	mg/m ³	Continuous	Continuous	3	924	575	2500	2	
	22	NAP3 Stack	16/11/2022	NOx	mg/m ³	Continuous	Continuous	31	487	410	2000	1	
Nov-22	3	NAP1 Stack	15/12/2022	NOx	mg/m ³	Continuous	Continuous	0	1735	615	2500	5	
	4	NAP2 Stack	15/12/2022	NOx	mg/m ³	Continuous	Continuous	9	764	575	2500	2	
	22	NAP3 Stack	15/12/2022	NOx	mg/m ³	Continuous	Continuous	40	513	410	2000	2	
Dec-22	3	NAP1 Stack	11/01/2023	NOx	mg/m ³	Continuous	Continuous	0	1583	615	2500	4	
	4	NAP2 Stack	11/01/2023	NOx	mg/m ³	Continuous	Continuous	9	608	575	2500	1	
	22	NAP3 Stack	11/01/2023	NOx	mg/m ³	Continuous	Continuous	53	1280	410	2000	6	
Jan-23	3	NAP1 Stack	16/02/2023	NOx	mg/m ³	Continuous	Continuous	0	1205	615	2500	1	
	4	NAP2 Stack	16/02/2023	NOx	mg/m ³	Continuous	Continuous	30	806	575	2500	2	
	22	NAP3 Stack	16/02/2023	NOx	mg/m ³	Continuous	Continuous	57	563	410	2000	1	
Feb-23	3	NAP1 Stack	17/03/2023	NOx	mg/m ³	Continuous	Continuous	0	839	615	2500	4	
	4	NAP2 Stack	17/03/2023	NOx	mg/m ³	Continuous	Continuous	50	645	575	2500	1	
	22	NAP3 Stack	17/03/2023	NOx	mg/m ³	Continuous	Continuous	18	1127	410	2000	9	
Mar-23	3	NAP1 Stack	4/04/2023	NOx	mg/m ³	Continuous	Continuous	0	1308	615	2500	4	
	4	NAP2 Stack	4/04/2023	NOx	mg/m ³	Continuous	Continuous	210	1077	575	2500	3	
	22	NAP3 Stack	4/04/2023	NOx	mg/m ³	Continuous	Continuous	17	1588	410	2000	13	

* 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.

* License limits varied in accordance with License Variation 1590586.

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