



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/prpoeoapp/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 2020 - March 2021

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-20	3	NAP1 Stack	13/05/2020	NOx	mg/m ³	Continuous	Continuous	5	674	615	2500	1	
	4	NAP2 Stack	13/05/2020	NOx	mg/m ³	Continuous	Continuous	14	721	575	2500	1	
	22	NAP3 Stack	13/05/2020	NOx	mg/m ³	Continuous	Continuous	14	1046	410	2000	6	
May-20	3	NAP1 Stack	18/06/2020	NOx	mg/m ³	Continuous	Continuous	7	923	615	2500	3	
	4	NAP2 Stack	18/06/2020	NOx	mg/m ³	Continuous	Continuous	41	612	575	2500	1	
	22	NAP3 Stack	18/06/2020	NOx	mg/m ³	Continuous	Continuous	14	634	410	2000	3	
Jun-20	3	NAP1 Stack	14/07/2020	NOx	mg/m ³	Continuous	Continuous	40	522	615	2500	0	
	4	NAP2 Stack	14/07/2020	NOx	mg/m ³	Continuous	Continuous	10	861	575	2500	2	
	22	NAP3 Stack	14/07/2020	NOx	mg/m ³	Continuous	Continuous	26	1195	410	2000	2	
Jul-20	3	NAP1 Stack	12/08/2020	NOx	mg/m ³	Continuous	Continuous	7	524	615	2500	0	
	4	NAP2 Stack	12/08/2020	NOx	mg/m ³	Continuous	Continuous	12	550	575	2500	0	
	22	NAP3 Stack	12/08/2020	NOx	mg/m ³	Continuous	Continuous	15	296	410	2000	0	
Aug-20	3	NAP1 Stack	7/09/2020	NOx	mg/m ³	Continuous	Continuous	0	586	615	2500	0	
	4	NAP2 Stack	7/09/2020	NOx	mg/m ³	Continuous	Continuous	211	1067	575	2500	1	
	22	NAP3 Stack	7/09/2020	NOx	mg/m ³	Continuous	Continuous	25	847	410	2000	4	
Sep-20	3	NAP1 Stack	13/10/2020	NOx	mg/m ³	Continuous	Continuous	6	1631	615	2500	4	
	4	NAP2 Stack	13/10/2020	NOx	mg/m ³	Continuous	Continuous	7	732	575	2500	4	
	22	NAP3 Stack	13/10/2020	NOx	mg/m ³	Continuous	Continuous	57	622	410	2000	3	
Oct-20	3	NAP1 Stack	12/11/2020	NOx	mg/m ³	Continuous	Continuous	0	2009	615	2500	11	
	4	NAP2 Stack	12/11/2020	NOx	mg/m ³	Continuous	Continuous	49	1132	575	2500	8	
	22	NAP3 Stack	12/11/2020	NOx	mg/m ³	Continuous	Continuous	58	679	410	2000	5	
Nov-20	3	NAP1 Stack	14/12/2020	NOx	mg/m ³	Continuous	Continuous	15	1699	615	2500	3	
	4	NAP2 Stack	14/12/2020	NOx	mg/m ³	Continuous	Continuous	9	861	575	2500	4	
	22	NAP3 Stack	14/12/2020	NOx	mg/m ³	Continuous	Continuous	24	1183	410	2000	8	
Dec-20	3	NAP1 Stack	11/01/2021	NOx	mg/m ³	Continuous	Continuous	6	795	615	2500	1	
	4	NAP2 Stack	11/01/2021	NOx	mg/m ³	Continuous	Continuous	114	723	575	2500	1	
	22	NAP3 Stack	11/01/2021	NOx	mg/m ³	Continuous	Continuous	48	716	410	2000	2	
Jan-21	3	NAP1 Stack	10/02/2021	NOx	mg/m ³	Continuous	Continuous	3	1026	615	2500	4	
	4	NAP2 Stack	10/02/2021	NOx	mg/m ³	Continuous	Continuous	13	546	575	2500	0	
	22	NAP3 Stack	10/02/2021	NOx	mg/m ³	Continuous	Continuous	51	808	410	2000	6	
Feb-21	3	NAP1 Stack	11/03/2021	NOx	mg/m ³	Continuous	Continuous	23	917	615	2500	3	
	4	NAP2 Stack	11/03/2021	NOx	mg/m ³	Continuous	Continuous	274	604	575	2500	1	
	22	NAP3 Stack	11/03/2021	NOx	mg/m ³	Continuous	Continuous	74	654	410	2000	2	
Mar-21	3	NAP1 Stack	8/04/2021	NOx	mg/m ³	Continuous	Continuous	0	1528	615	2500	3	
	4	NAP2 Stack	8/04/2021	NOx	mg/m ³	Continuous	Continuous	21	1107	575	2500	5	
	22	NAP3 Stack	8/04/2021	NOx	mg/m ³	Continuous	Continuous	46	616	410	2000	5	

* 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*.