

## Pollution Monitoring Data - Holcim Dubbo Quarry (EPL Number 2212)

Facility Address	Dubbo Quarry, Sheraton Road, Dubbo, NSW, 2830
Link to EPL on Public Register	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=2212&id=2212&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	Thursday, February 20, 2020

## **Blast Monitoring Results**

## Blast Monitoring Results - WOY 2019

	ocation_	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	15/02/2019	15/04/2019	16/04/2019	27/06/2019	03/09/2019	04/10/2019	25/11/2019
	West of Per Bloot		EPL	-	115	dB (Lin Peak)	Over Pressure	Comment 2	115	115	113.6	99.8	106.5	105
		Per Blast							Pass	Pass	Pass	Pass	Pass	Pass
Fi	ront Gate	Pei biasi	Section L3		E	mm/s	Cround Vibration		4.75	4.75	4.43	1.74	2.36	0.73
				-	5	5 mm/s	Ground Vibration		Pass	Pass	Pass	Pass	Pass	Pass

## **Annual Blast Monitoring Results**

Maximum Overpressure Requirement:	Source	Outcomes							
The airblast overpressure level from blasting	EPL Clause L4.1	Blast Count		1	2	3	4	5	6
perations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive		Does Over Pressure Exceed Maximum (120dBa)	Comment 2	No	No	No	No	No	No
locations.		Maximum Over Pressure (Pass / Fail)		Pass	Pass	Pass	Pass	Pass	Pass
Overpressure High Range Requirement:	Source	Outcomes							
The airblast overpressure level from blasting		Blast Count	Comment 2	1	2	3	4	5	6
erations at the premises must not exceed 115dB		Is Over Pressure in High Range (115 to 120 dBa)		No	No	No	No	No	No
in Peak) at any noise sensitive locations for more an five per cent of the total number of blasts over	EPL Clause L4.2	YTD Over Pressure in High Range		0	0	0	0	0	0
each reporting period or one blast in each reporting		% Over Pressure in High Range		0%	0%	0%	0%	0%	0%
period, whichever is the greater.		Annual Over Pressure (Pass / Fail)		Pass	Pass	Pass	Pass	Pass	Pass
Maximum Ground Vibration Requirement:	Source	Outcomes							
The airblast overpressure level from blasting	Source	Outcomes Blast Count		1	2	3	4	5	6
The airblast overpressure level from blasting	Source EPL Clause L4.3		Comment 2	1 No	2 No	3 No	4 No	5 No	6 No
The airblast overpressure level from blasting perations at the premises must not exceed 120dB		Blast Count	Comment 2	•		-	•	-	
The airblast overpressure level from blasting perations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive		Blast Count  Does Ground Vibration Exceed Maximum (10 mm/s)	Comment 2	No	No	No	No	No	No
The airblast overpressure level from blasting perations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive		Blast Count  Does Ground Vibration Exceed Maximum (10 mm/s)	Comment 2	No	No	No	No	No	No
The airblast overpressure level from blasting perations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive locations.  Overpressure High Range Requirement:	EPL Clause L4.3	Blast Count  Does Ground Vibration Exceed Maximum (10 mm/s)  Maximum Ground Vibration (Pass / Fail)	Comment 2	No	No	No	No	No	No
The airblast overpressure level from blasting perations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive locations.  Overpressure High Range Requirement:  The airblast overpressure level from blasting perations at the premises must not exceed 115dB	EPL Clause L4.3	Blast Count  Does Ground Vibration Exceed Maximum (10 mm/s)  Maximum Ground Vibration (Pass / Fail)  Outcomes	Comment 2	No Pass	No Pass	No Pass	No Pass	No Pass	No Pass
The airblast overpressure level from blasting perations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive locations.  Overpressure High Range Requirement:  The airblast overpressure level from blasting perations at the premises must not exceed 115dB in Peak) at any noise sensitive locations for more	EPL Clause L4.3	Blast Count  Does Ground Vibration Exceed Maximum (10 mm/s)  Maximum Ground Vibration (Pass / Fail)  Outcomes  Blast Count	Comment 2  Comment 2	No Pass	No Pass	No Pass	No Pass	No Pass	No Pass
The airblast overpressure level from blasting perations at the premises must not exceed 120dB (Lin Peak) at any time at any noise sensitive locations.  Overpressure High Range Requirement:	EPL Clause L4.3  Source	Blast Count  Does Ground Vibration Exceed Maximum (10 mm/s)  Maximum Ground Vibration (Pass / Fail)  Outcomes  Blast Count  Is Ground Vibration in High Range (5 to 10 mm/s)		No Pass 1	No Pass 2 No	No Pass 3	No Pass	No Pass 5 No	No Pass  6 No

Comments regarding blast monitoring outcomes							
Comment 1:	DNT = "Did Not Trigger" with overpressure monitoring equipment set at a trigger point of 90 dBa or ground vibration monitoring equipment set at a trigger point of 0.1 mm/s						
Comment 2:	Blast carried out on 25/2/20 was not monitored. Monitoring equipment was not available due to being offsite for calibration.						