



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

Facility Address	Dubbo Quarry, Sheraton Road, Dubbo, NSW, 2830
Link to EPL on Public Register	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=2212&amp;id=2212&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=2212&amp;id=2212&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>
Date Dataset Published	Thursday, December 9, 2021
Date Dataset Updated	Thursday, December 9, 2021

## Blast Monitoring Results

### Blast Monitoring - WOY 2020

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	16/07/2021	19/08/2021	16/09/2021	20/09/2021	11/10/2021	18/10/2021
West of Front Gate	Per Blast	EPL Section L3	-	115	dB (Lin Peak)	Over Pressure	113.5	109.2	111.6	106.1	114.8	102.8
							Yes	Yes	Yes	Yes	Yes	Yes
			-	5	mm/s	Ground Vibration	1.85	1.74	1.80	1.72	1.90	1.67
							Yes	Yes	Yes	Yes	Yes	Yes

### 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:	
Comment 3:	

## Annual Blast Monitoring Results

### Annual Overpressure Monitoring Requirements - Maximum Overpressure

Overpressure High Range Requirement:	Source	Criteria	Outcome
The airblast overpressure level from blasting operations in or on the premises must not exceed 120 dB (Lin Peak) at any time.	EPL Clause L3.1	Blast Count (YTD)	1
		Blasts with overpressure >120dB during the reporting period	0
		Annual Overpressure (Pass / Fail)	Pass

### Annual Overpressure Monitoring Requirements - Overpressure High Range

Overpressure High Range Requirement:	Source	Criteria	Outcome
The airblast overpressure level from blasting operations in or on the premises must not exceed 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period.	EPL Clause L3.1	Blast Count (YTD)	1
		Blasts with overpressure >115dB during the reporting period	0
		% of blasts with overpressure >115dB during the reporting period	0%
		Annual Overpressure (Pass / Fail)	Pass

### Annual Ground Vibration Monitoring Requirements - Maximum Ground Vibration

Overpressure High Range Requirement:	Source	Criteria	Outcome
The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 10 mm/s at any time.	EPL Clause L3.2	Blast Count (YTD)	1
		Blasts with ground vibration >10 mm/s during the reporting period	0
		Annual Ground Vibration (Pass / Fail)	Pass

### Annual Ground Vibration Monitoring Requirements - Ground Vibration High Range

Overpressure High Range Requirement:	Source	Criteria	Outcome
The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed 5mm/s for more than 5% of the total number of blasts carried out on the premises during each reporting period.	EPL Clause L3.2	Blast Count (YTD)	1
		Blasts with ground vibration >5mm/s during the reporting period	0
		% of blasts with ground vibration >5mm/s during the reporting period	0%
		Annual Ground Vibration (Pass / Fail)	Pass

### Comments regarding annual blast monitoring outcomes

Comment 1:	
Comment 2:	
Comment 3:	