



## 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=">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=</a>
Date Dataset Published	Friday, August 12, 2022
Date Dataset Updated	12 August 2022

### Blast Monitoring Results

#### Blast Monitoring - WOY 2021 - 2022

							150	151	152	153	154	155
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	20/09/2021	11/10/2021	18/10/2021	10/02/2022	05/04/2022	03/05/2022
West of Front Gate	Per Blast	EPL Section L3	-	115	dB (Lin Peak)	OverPressure	106.1	114.8	102.8	100.2	111.6	104.8
			-	5	mm/s	GroundVibration	Yes	Yes	Yes	Yes	Yes	Yes
							1.72	1.90	1.67	1.92	1.45	3.26

#### Blast Monitoring - WOY 2021- 2022

							0	0	0	0	0	0
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description						
Comment 4:	0	0	-	115	dB (Lin Peak)	OverPressure	0	0	0	0	0	0
			-	5	mm/s	GroundVibration	0	0				
							0	0				

#### Comments regarding blast monitoring outcomes

Comment 1:	
Comment 2:	0
Comment 3:	0

### 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:	0
Comment 2:	
Comment 3:	