



## 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	Wednesday, October 25, 2023
Date Dataset Updated	

## Blast Monitoring Results

### Blast Monitoring - WOY 2022 - 2023

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	161	162	163	164	165	166
West of Front Gate	Per Blast	EPL Section L3	-	115	dB (Lin Peak)	Over Pressure	31/01/2023	31/03/2023	20/04/2023	20/04/2023	29/05/2023	19/07/2023
			-	5	mm/s	Ground Vibration	97.4	111.4	103.3	105.6	109.1	102.3
							<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
							0.83	1.64	1.77	1.35	0.94	1.23

### Blast Monitoring - WOY 2022 -2023

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	167	168	169	170		
West of Front Gate			-	115	dB (Lin Peak)	Over Pressure	01/09/2023	Did Not Perform	07/11/2023	08/12/2023		
			-	5	mm/s	Ground Vibration	104.5	0	107.5	105.4		
							<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>		
							1.17	0	2.22	2.058		

### Comments regarding blast monitoring outcomes

Comment 1:	
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)	10
		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)	10
		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)	10
		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)	10
		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:	