

M/s Diamond Cements (Prop. Heidelberg Cement India Limited)- Clinkerisation Unit, Narsingarh

Month: July 2020

TEST REPORT OF AMBIENT AIR QUALITY MONITORING (MONTHLY AVERAGE)					
AAQMS	PM_{2.5} (µg/m³)	PM₁₀ (µg/m³)	CO (µg/m³)	SO₂ (µg/m³)	NO₂ (µg/m³)
Near Hospital	21.46	39.29	384	8.53	10.18
Near Gate of Mine Pit No.1	20.66	42.02	354	9.42	11.01
Near STP Area	23.97	44.55	371	9.64	12.30
Near Worker Colony	26.12	40.35	389	8.40	10.47

M/s Diamond Cements (Prop. Heidelberg Cement India Limited)- Grinding Unit, Imlai

Month: July 2020

TEST REPORT OF AMBIENT AIR QUALITY MONITORING (MONTHLY AVERAGE)					
AAQMS	PM_{2.5} (µg/m³)	PM₁₀ (µg/m³)	CO (µg/m³)	SO₂ (µg/m³)	NO₂ (µg/m³)
Near Admin Bld.	22.61	43.56	406	7.60	11.31
Near Water Storage Tank (Behind D.G. Set)	27.61	46.30	418	9.79	10.85
Near Railway Siding	29.84	48.44	456	9.58	10.88
Near Worker Colony	26.60	41.49	376	8.92	10.18

M/s Diamond Cements (Prop. Heidelberg Cement India Limited)- Lime Stone Mines, Patharia

Month: July 2020

TEST REPORT OF AMBIENT AIR QUALITY MONITORING (MONTHLY AVERAGE)					
AAQMS	PM_{2.5} (µg/m³)	PM₁₀ (µg/m³)	CO (µg/m³)	SO₂ (µg/m³)	NO₂ (µg/m³)
Near Main Office	17.74	38.32	317	8.41	12.28
Near Back Filling Area	22.18	40.98	347	9.64	12.67
Near Mine Pit	24.24	42.37	359	10.68	12.61
Near Temple	23.37	35.75	305	10.04	11.42

M/s Diamond Cements (Prop. HeidelbergCement India Limited)

Clinkerisation Unit, Narsingarh

Month: July 2020

TEST REPORT OF STACK MONITORING

Location	S-1	S-2	S-3
Date of Monitoring	03.07.2020	03.07.2020	01.07.2020
Stack Attached to	Bag House of Coal Mill No.-1	Bag House of Coal Mill No.-2	Bag House of Coal Mill No.-3
Particulate Matter (mg/Nm³) Isokinetic Samples	10.2	19.4	17.5

Location	S-4	S-5	S-6
Date of Monitoring	22.07.2020	23.07.2020	22.07.2020
Stack Attached to	Hybrid Filter of Kiln/Raw Mill No. -1	Hybrid Filter of Kiln/Raw Mill No. -2	Reverse Air Bag House (RABH) of Kiln/Raw Mill No. -3
Particulate Matter (mg/Nm³) Isokinetic Samples	18.4	20.3	16.3

Location	S-7	S-8	S-9	S-10
Date of Monitoring	07.07.2020	08.07.2020	23.07.2020	17.07.2020
Stack Attached to	ESP of Clinker Cooler No.-1	ESP of Clinker Cooler No.-2	ESP of Clinker Cooler No.-3	Bag House of Crusher
Particulate Matter (mg/Nm³) Isokinetic Samples	13.8	14.4	12.0	22.0

** Plant was under planned shutdown, Hence Stack Monitoring could not be conducted.

M/s Diamond Cements (Prop. HeidelbergCement India Limited)

Grinding Unit, Imlai

Month: July 2020

TEST REPORT OF STACK MONITORING

Location	S-1	S-2	S-3
Date of Monitoring	04.07.2020	04.07.2020	19.07.2020
Stack Attached to	Bag House of Cement Mill No.-1	Bag House of Cement Mill No.-2	Bag House of Cement Mill No.-3
Particulate Matter (mg/Nm³) Isokinetic Samples	12.7	8.4	11.2

Location	S-4
Date of Monitoring	25.07.2020
Stack Attached to	Bag House of Packing Plant No.- 3
Particulate Matter (mg/Nm³) Isokinetic Samples	19.3

M/s Diamond Cements (Prop. HeidelbergCement India Limited)

Lime Stone Mines, Patharia

TEST REPORT OF STACK MONITORING

Month: July 2020

Location	S-1
Date of Monitoring	06.07.2020
Stack Attached to	Bag House of Crusher
Particulate Matter (mg/Nm³) Isokinetic samples	22.5