

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

Month: June 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	18.98	37.40	387	8.66	9.85
Near Gate of Mine Pit No.1	19.63	43.50	417	8.78	10.63
Near STP Area	20.72	48.55	390	9.79	12.70
Near Worker Colony	24.96	41.53	403	8.26	9.27

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

Month: June 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.	20.14	47.09	365	8.76	9.73
Near Water Storage Tank (Behind D.G. Set)	25.13	52.23	431	10.06	11.68
Near Railway Siding	27.39	46.37	416	9.43	9.31
Near Worker Colony	21.32	40.44	364	8.61	8.93

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

Month: June 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	16.69	37.75	337	7.25	10.57
Near Back Filling Area	21.97	44.32	365	8.94	11.61
Near Mine Pit	23.89	48.70	378	10.32	11.58
Near Temple	22.95	35.80	330	8.60	10.50

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

Clinkerisation Unit, Narsingarh

Month: June 2020

TEST REPORT OF STACK MONITORING

Location	S-1	S-2	S-3
Date of Monitoring	03.06.2020	04.06.2020	05.06.2020
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	9.3	16.7	14.6

Location	S-4	S-5	S-6
Date of Monitoring	23.06.2020	12.06.2020	23.06.2020
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	13.1	19.3	13.7

Location	S-7	S-8	S-9	S-10
Date of Monitoring	02.06.2020	02.06.2020	20.06.2020	22.06.2020
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	14.2	17.9	12.8	20.3

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

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Grinding Unit, Imlai

Month: June 2020

TEST REPORT OF STACK MONITORING

Location	S-1	S-2	S-3
Date of Monitoring	06.06.2020	06.06.2020	11.06.2020
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	11.8	15.0	12.1

Location	S-4
Date of Monitoring	12.06.2020
Stack Attached to	Bag House of Packing Plant No.- 3
Particulate Matter (mg/Nm³) Isokinetic Samples	16.5

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

Lime Stone Mines, Patharia

TEST REPORT OF STACK MONITORING

Month: June 2020

Location	S-1
Date of Monitoring	19.06.2020
Stack Attached to	Bag House of Crusher
Particulate Matter (mg/Nm³) Isokinetic samples	21.0

M/s Diamond Cements (Prop. HeidelbergCement India Limited)
Clinkerisation Unit, Narsingarh

Month: June 2020

TEST REPORT OF FUGITIVE EMISSION MONITORING

Sl. No.	Locations	Date	SPM ($\mu\text{g}/\text{m}^3$)
1	In between Lime Stone Stock Pile & Coal Yard	11.06.2020	969
2	Laterite Yard	11.06.2020	859
3	Near Crusher	11.06.2020	795
4	Near Raw Mill Silo	11.06.2020	965
5	Clinker Stock Pile	12.06.2020	768
6	Lime Stone Stock Area Line-3	12.06.2020	846
7	Coal Stock Area Line-3	12.06.2020	971

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Grinding Unit, Imlai

Month: June 2020

TEST REPORT OF FUGITIVE EMISSION MONITORING

Sl. No.	Locations	Date	SPM ($\mu\text{g}/\text{m}^3$)
1	Clinker Stock Pile	13.06.2020	964
2	Coal Yard	13.06.2020	838
3	Gypsum Yard	15.06.2020	863
4	Fly ash Handling System	15.06.2020	763
5	Near Cement Silo	15.06.2020	985

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Lime Stone Monitoring Mine, Patharia

Month: June 2020

TEST REPORT OF FUGITIVE EMISSION MONITORING

Sl. No.	Locations	Date	SPM ($\mu\text{g}/\text{m}^3$)
1	Near Loading Point - Belt Conveyor	16.06.2020	826
2	Haulage Road	16.06.2020	820
3	Near Crusher	17.06.2020	968
4	Near Lime Stone Stock Area	17.06.2020	844
5	Near Drilling Area	17.06.2020	798