

JSW Centre
Opp. MMRDA Ground,
Bandra Kurla Complex,
Bandra (East), Mumbai - 400 051.
Tel : +91-22-4286 1000 Fax : 26502001
Website : www.jswcement.in
CIN :- L26957MH2006PLC160839

Ref.: JSWCL/CP/Nagaur/EC Comp-1st Half/2025-26

Date: 26/11/2025

To

The Deputy Director(s),
Ministry of Environment, Forest & Climate Change, Integrated Regional Office,
A-209 & 218, Aranya Bhawan, Jhalana Institutional Area,
Jaipur (Rajasthan) – 304002.

Sub.: Six Monthly Compliance Report of Environmental Clearance for Proposed Cement Plant With Clinker Production Capacity of 12.0 MTPA, Calcined Clay Production Capacity-1.5 MTPA, Cement Production Capacity-5.0 MTPA (OPC/PPC/PSC/ Composite Cement/ LC3/PLC), WHRB based Power Plant-54 MW, DG Sets of 6000 KVA, Oxygen Plant of Capacity-160 m³/hr, AFR Pre-Processing/Co-processing Facility and Railway Siding with Wagon Tippler for the period: **April-2025 to September-2025** by M/s. JSW Cement Limited located at Villages - Bhadana & Jindas, Tehsil - Nagaur, District - Nagaur, Rajasthan.

Ref.: Environment Clearance vide F.No.:IA-J-11011/355/2022-IA-II(IND-I) dated 27/09/2023 granted by MoEF&CC.

Dear Sir,

With reference to above subject matter, please find attached herewith the Six Monthly EC Compliance Report for the period: **April-2025 to Sept-2025**. As per the MoEF&CC notification No.: S.O. 5845(E) dated 26.11.2018, we have uploaded the compliance report on Parivesh portal and the soft copy of the six monthly compliance report is being sent through email to the following authorities: -

iro.jaipur-mefcc@gov.in; moef@gov.in; monitoring-ec@nic.in; cpcb.bhopal@gov.in & ccb.cpcb@nic.in and member-secretary@rpcb.nic.in; We hope the compliance is in order.

Thanking you,

Yours Faithfully,

For, **M/s. JSW Cement Limited,**



(Arvind Kumar Sharma)

AVP - Environment & Authorized Signatory

Encl.: As above

Cc to:

1. The Director (M), Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, Aligarh, New Delhi-110003.
2. The Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, Jaipur (Rajasthan)-302004.
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD Cum Office Complex, East Arjun Nagar, New Delhi-110032.
4. The Regional Director, Central Pollution Control Board, Paryavaran Parivesh, E-5, Arera Colony, Bhopal (Madhya Pradesh)-462016.

FORM FOR UPLOADING SIX MONTHLY COMPLIANCE REPORT			
Proposal Details: -			
Proposal No.	IA/RJ/IND1/43 2291/2023, dated 20 th July, 2023	Project Name	Proposed Cement Plant with Clinker Production Capacity of 12.0 MTPA, Calcined Clay Production Capacity - 1.5 MTPA, Cement Production Capacity - 5.0 MTPA (OPC/PPC/PSC/Composite Cement/LC3/PLC), WHRB based Power Plant - 54 MW, DG Sets of 6000 KVA, Oxygen Plant of Capacity - 160 m ³ /hr, AFR Pre-Processing/Co-processing Facility and Railway Siding with Wagon Tippler by M/s. JSW Cement Limited, located at Villages - Bhadana & Jindas, Tehsil - Nagaur, District - Nagaur, Rajasthan - Grant of EC Regarding.
Category	A-3(b) Cement Plants	MoEFCC File No.	IA-J-11011/355/2022-IA-II(IND-I)
Name of the Entity /Corporate Office*	M/s. JSW Cement Limited. AJSW Centre, Bandra Kurla Complex, Bandra (East), Mumbai, Maharashtra-400051		
Entity's PAN*	AABCJ6731M		
Entity Name as per PAN	JSW CEMENT LIMITED		
Covering Letter: Attached as above.			
Reporting Year:	2025	Reporting Period: -	April-2025 to September-2025
Remarks (if any)	--		
Details of Production and Project Area:			
Date of Commencement of Project:	--		
Land Category	Project Area as per EC Granted (Ha.)	Actual Project Area in Possession (Ha.)	
Private Land	192.4838	178.7565	
Revenue Land/Govt. Land	2.0722	0.0000	
Forest Land	0.0000	0.0000	
Others (Grazing Land)	0.0000	0.0000	
Total Area (Ha.)	194.5560	178.7565	
PRODUCTION CAPACITY			
Name of the Product*	Units*	As per EC granted*	Production during last financial year*
Clinker*	Million TPA	12.0 (Kiln - 3 x 12000 TPD)	The project is currently under the installation phase and operations have not yet commenced. We are in the process of obtaining the Consent to Operate (CTO)
Calcined Clay	Million TPA	1.5 (Clay Calciner System 2x2300 TPD)	
Cement (OPC/PPC/PSC/Composite Cement/LC3/ PLC)	Million TPA	5.0 (Cement Mill - 2 x 350 TPH)	
WHRB Based Power Plant	MW	54 (3 PH Boilers & 3 AQC Boilers comprising of HP Steam capacity of 3x72 TPH and LP 3x30.84 TPH) and Turbine - 3x18 MW.	
DG Sets	KVA	6000 (3 x 2000 KVA)	
Oxygen Plant	m ³ /hr.	160	
AFR Pre - processing & Co - processing Facility	--	Part of Project (Approx. 3750 TPD)	
Railway Siding with Wagon Tippler	--	Part of the Project (Approx. 62500 TPD)	
*Surplus Clinker will be dispatched to other grinding unit and market sale			

**Proposed Cement Plant by M/s. JSW Cement Limited,
located at Villages - Bhadana & Jindas, Tehsil - Nagaur, District - Nagaur, Rajasthan**

EC Compliance Report Period: April-2025 to September-2025

Proposed Cement Plant With Clinker Production Capacity of 12.0 MTPA, Calcined Clay Production Capacity- 1.5 MTPA, Cement Production Capacity - 5.0 MTPA (OPC/PPC/PSC/ Composite Cement/ LC3/PLC), WHRB based Power Plant - 54 MW, DG Sets of 6000 KVA, Oxygen Plant of Capacity - 160 m³/hr, AFR Pre-Processing/Co-processing Facility and Railway Siding with Wagon Tippler by M/s. JSW Cement Limited, located at Village - Bhadana & Jindas, Tehsil - Nagaur , District - Nagaur, Rajasthan - Grant of EC Regarding.

Environment Clearance vide F. No.: IA-J-11011/355/2022-IA-II(IND-I) dated 27/09/2023.

Proposed Cement Plant is yet to be implemented.

A. SPECIFIC CONDITION: -				
S. No.	Condition Type	Condition Details	Self-Declaration	Remarks / Reason as on 30th Sept-2025
i.	Statutory compliance	This Environmental Clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Agree to comply	Noted.
ii.	Miscellaneous	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	Agree to comply	Project construction and erection activities are under progress. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures are being implemented for construction/erection of project.
iii.	Miscellaneous	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	Agree to comply	Project construction/erection activities are under progress. We are aligned to the net zero target of the Government of India (GoI) by 2070. The cement industry contributes approximately 7-8 percent of global CO ₂ emissions, positioning it as one of the most challenging sectors to decarbonize. While various strategies such as improving energy efficiency, using alternative fuels, and substituting clinker-help reduce emissions, Carbon Capture and Utilization (CCU) is increasingly recognized as a vital approach

			for achieving deep Decarbonization. JSW Cement, in partnership with premier institutions including IIT Kanpur, IIT Tirupati, IISc, Bangalore and CSIR-IIP, Dehradun are currently developing and testing two CCU test beds, recently approved by the Department of Science and Technology (DST), Govt. of India. These include Integrated Carbon Capture and Mineralization (ICCM) and Vacuum Swing Adsorption (VSA) technologies, which leverage carbon-negative mineralization to permanently lock CO2 into the construction value chain. These pilot projects underway at JSW Cement(s), Nandyal and Shiva Units, focus on capturing CO2 directly from kilns and reintegrating it into building materials. This approach not only enables a net reduction in carbon emissions but also reduces the need for mining, thereby conserving natural resources. Additionally, JSW Cement is committed to lowering its carbon footprint by substituting clinker with materials such as fly ash, slag, or activated clays, and by utilizing waste heat recovery systems to enhance energy efficiency. The company continues to explore and invest in CCUS technologies while recognizing the importance of developing a comprehensive national roadmap for CCUS in hard-to-abate sectors like cement. These technologies will be implemented across other JSW Cement units, if found suitable with progress reported to the Integrated Regional Office (IRO) of the Ministry of Environment,
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				Forest and Climate Change (MoEFCC).
iv.	Miscellaneous	The PP shall complete the acquisition of the proposed project land and conversion for industrial purpose prior to commencement of proposed project.	Being complied	JSW has acquired 178.7565 ha. out of 194.556 ha. land till March, 2025 and our project construction and erection activities are under progress on the acquired land post conversion of the acquired land for industrial use.
v.	Miscellaneous	Eight Families (1 family from Bhadana village & 7 families from Jindas village) reside inside the project area. Also there is a hamlet with 4 families (50 m, NW), Hamlet (Jindas Ki Dhani) (0.60 km, NW), Jindas Village (1.5 km, NE), Village Manjhwas (2.6 km, N), Village Bhadana (2.0 km, SW) and Village Kishanpura (3.0 km, E) within the study area. There are approx. 16 other villages in 10 km radius study area. Project Proponent shall take appropriate environmental safeguard measures to minimize the impact on the habitation of the locals. PP needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.	Agree to comply	Project construction/erection activities are under progress. Appropriate environmental safeguard measures are being implemented. 1. Plantation activity is under progress and planted approx. 25500 nos. of tree sapling within plant premises to develop thick greenbelt towards the hamlet/villages closer to the plant boundary. 2. Water sprinkling arrangements through deployment of water tankers is being carried out regularly for suppression of fugitive emission at the source. 3. We have included Bhadana and Jindas villages in to environmental monitoring program and air quality monitoring is being carried out at both villages. 4. Ambient Air Quality Monitoring Report for the period: Apr-25 to Sept-25 is enclosed below: -



AMBIENT AIR QUALITY MONITORING REPORT FOR THE PERIOD: APR-2025 to SEPT-2025
(UNIT: $\mu\text{G}/\text{M}^3$)

S. No.	Parameters	Plant Site								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter ($\text{PM}_{2.5}$)	44.77	41.13	42.98	43.46	39.82	41.67	41.99	38.35	40.20
2	Particulate Matter (PM_{10})	85.07	78.15	81.67	82.58	75.66	79.18	79.78	72.86	76.38
3	Nitrogen Dioxide (NO_2)	23.57	21.65	22.62	22.88	20.96	21.93	22.10	20.18	21.16
4	Sulphur Dioxide (SO_2)	13.09	10.36	12.06	12.71	10.03	11.69	12.28	9.66	11.28
5	Carbon Monoxide (as CO), mg/m^3	0.65	0.52	0.60	0.64	0.50	0.58	0.61	0.48	0.56
6	Suspended Particulate Matter (as SPM)	416.84	382.94	400.17	404.64	370.73	387.97	390.92	357.01	374.25

S. No.	Parameters	Plant Site								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter ($\text{PM}_{2.5}$)	39.01	35.36	37.21	35.32	31.68	33.53	33.54	29.90	31.75
2	Particulate Matter (PM_{10})	74.11	67.19	70.71	67.11	60.19	63.71	63.73	56.81	60.33
3	Nitrogen Dioxide (NO_2)	20.53	18.61	19.59	18.59	16.67	17.65	17.65	15.74	16.71
4	Sulphur Dioxide (SO_2)	11.41	8.91	10.44	10.33	7.98	9.41	9.81	7.53	8.91

5	Carbon Monoxide (as CO), mg/m ³	0.57	0.45	0.52	0.52	0.40	0.47	0.49	0.38	0.45
6	Suspended Particulate Matter (as SPM)	363.14	329.23	346.47	328.84	294.93	312.17	312.28	278.37	295.60

S. No.	Parameters	3B2 Mine Site								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	39.20	35.56	37.41	37.99	34.35	36.20	35.78	32.14	33.99
2	Particulate Matter (PM ₁₀)	74.48	67.56	71.08	72.18	65.26	68.78	67.99	61.07	64.59
3	Nitrogen Dioxide (NO ₂)	20.63	18.71	19.69	19.99	18.08	19.05	18.83	16.92	17.89
4	Sulphur Dioxide (SO ₂)	11.46	8.95	10.50	11.11	8.65	10.16	10.46	8.09	9.54
5	Carbon Monoxide (as CO), mg/m ³	0.57	0.45	0.52	0.56	0.43	0.51	0.52	0.40	0.48
6	Suspended Particulate Matter (as SPM)	364.95	331.04	348.28	353.68	319.77	337.01	333.15	299.24	316.48

S. No.	Parameters	3B2 Mine Site								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	33.54	29.90	31.75	30.91	27.27	29.12	29.57	25.93	27.78
2	Particulate Matter (PM ₁₀)	63.73	56.81	60.33	58.73	51.81	55.33	56.18	49.26	52.78
3	Nitrogen Dioxide (NO ₂)	17.65	15.74	16.71	16.27	14.35	15.33	15.56	13.65	14.62
4	Sulphur Dioxide (SO ₂)	9.81	7.53	8.91	9.04	6.87	8.17	8.65	6.53	7.80
5	Carbon Monoxide (as CO), mg/m ³	0.49	0.38	0.45	0.45	0.34	0.41	0.43	0.33	0.39
6	Suspended Particulate Matter (as SPM)	312.28	278.37	295.60	287.78	253.87	271.10	275.28	241.37	258.61

S. No.	Parameters	Village-Jindas								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	37.22	33.57	35.43	35.98	32.34	34.19	34.56	30.92	32.77
2	Particulate Matter (PM ₁₀)	70.71	63.79	67.31	68.37	61.45	64.97	65.67	58.75	62.27
3	Nitrogen Dioxide (NO ₂)	19.59	17.67	18.64	18.94	17.02	18.00	18.19	16.27	17.25
4	Sulphur Dioxide (SO ₂)	10.88	8.45	9.94	10.52	8.14	9.60	10.11	7.79	9.20
5	Carbon Monoxide (as CO), mg/m ³	0.54	0.42	0.50	0.53	0.41	0.48	0.51	0.39	0.46
6	Suspended Particulate Matter (as SPM)	346.48	312.57	329.81	335.01	301.11	318.34	321.78	287.88	305.11

S. No.	Parameters	Village-Jindas								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	32.09	28.45	30.30	29.59	25.95	27.80	27.87	24.23	26.08
2	Particulate Matter (PM ₁₀)	60.98	54.06	57.58	56.23	49.31	52.83	52.95	46.03	49.55
3	Nitrogen Dioxide (NO ₂)	16.89	14.98	15.95	15.58	13.66	14.63	14.67	12.75	13.73
4	Sulphur Dioxide (SO ₂)	9.38	7.17	8.51	8.65	6.54	7.80	8.15	6.10	7.32

5	Carbon Monoxide (as CO), mg/m ³	0.47	0.36	0.43	0.43	0.33	0.39	0.41	0.31	0.37
6	Suspended Particulate Matter (as SPM)	298.80	264.89	282.13	275.53	241.62	258.85	259.46	225.55	242.78

S. No.	Parameters	Village Bhadana								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	35.46	31.82	33.67	36.62	32.97	34.83	33.75	30.11	31.96
2	Particulate Matter (PM ₁₀)	67.37	60.45	63.97	69.57	62.65	66.17	64.13	57.21	60.73
3	Nitrogen Dioxide (NO ₂)	18.66	16.75	17.72	19.27	17.35	18.33	17.76	15.85	16.82
4	Sulphur Dioxide (SO ₂)	10.37	8.01	9.45	10.71	8.30	9.77	9.87	7.58	8.97
5	Carbon Monoxide (as CO), mg/m ³	0.52	0.40	0.47	0.54	0.42	0.49	0.49	0.38	0.45
6	Suspended Particulate Matter (as SPM)	330.11	296.21	313.44	340.89	306.99	324.22	314.24	280.33	297.56

S. No.	Parameters	Village Bhadana								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	31.32	27.68	29.53	28.04	24.39	26.25	26.95	23.31	25.16
2	Particulate Matter (PM ₁₀)	59.51	52.59	56.11	53.27	46.35	49.87	51.20	44.28	47.80
3	Nitrogen Dioxide (NO ₂)	16.48	14.57	15.54	14.76	12.84	13.81	14.18	12.27	13.24
4	Sulphur Dioxide (SO ₂)	9.16	6.97	8.29	8.20	6.14	7.37	7.88	5.87	7.06
5	Carbon Monoxide (as CO), mg/m ³	0.46	0.35	0.41	0.41	0.31	0.37	0.39	0.29	0.35
6	Suspended Particulate Matter (as SPM)	291.60	257.69	274.93	261.02	227.12	244.35	250.88	216.97	234.21

S. No.	Parameters	Village-Harima								
		April '2025			May'2025			June'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	33.82	30.17	32.03	34.83	31.19	33.04	32.96	29.32	31.17
2	Particulate Matter (PM ₁₀)	64.25	57.33	60.85	66.18	59.26	62.78	62.62	55.70	59.22
3	Nitrogen Dioxide (NO ₂)	17.80	15.88	16.86	18.33	16.42	17.39	17.35	15.43	16.40
4	Sulphur Dioxide (SO ₂)	9.89	7.60	8.99	10.18	7.85	9.27	9.64	7.38	8.75
5	Carbon Monoxide (as CO), mg/m ³	0.49	0.38	0.45	0.51	0.39	0.46	0.48	0.37	0.44
6	Suspended Particulate Matter (as SPM)	314.83	280.92	298.15	324.28	290.37	307.61	306.84	272.93	290.17

S. No.	Parameters	Village-Harima								
		July '2025			Aug'2025			Sept'2025		
		Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
1	Particulate Matter (PM _{2.5})	30.14	26.50	28.35	28.83	25.18	27.04	27.69	24.05	25.90
2	Particulate Matter (PM ₁₀)	57.27	50.35	53.87	54.77	47.85	51.37	52.62	45.70	49.22
3	Nitrogen Dioxide (NO ₂)	15.86	13.95	14.92	15.17	13.25	14.23	14.58	12.66	13.63

	4	Sulphur Dioxide (SO ₂)	8.81	6.67	7.96	8.43	6.34	7.59	8.10	6.06	7.27
	5	Carbon Monoxide (as CO), mg/m ³	0.44	0.33	0.40	0.42	0.32	0.38	0.40	0.30	0.36
	6	Suspended Particulate Matter (as SPM)	280.62	246.72	263.95	268.37	234.47	251.70	257.84	223.93	241.17
	Village-Sarasani										
	S. No.	Parameters	April '2025			May'2025			June'2025		
			Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
	1	Particulate Matter (PM _{2.5})	38.16	34.52	36.37	39.65	36.01	37.86	37.54	33.89	35.75
	2	Particulate Matter (PM ₁₀)	72.51	65.59	69.11	75.33	68.41	71.93	71.32	64.40	67.92
	3	Nitrogen Dioxide (NO ₂)	20.09	18.17	19.14	20.87	18.95	19.92	19.76	17.84	18.81
	4	Sulphur Dioxide (SO ₂)	11.16	8.69	10.21	11.59	9.07	10.62	10.98	8.54	10.03
	5	Carbon Monoxide (as CO), mg/m ³	0.56	0.43	0.51	0.58	0.45	0.53	0.55	0.43	0.50
	6	Suspended Particulate Matter (as SPM)	355.30	321.39	338.63	369.12	335.21	352.44	349.47	315.56	332.80
	Village-Sarasani										
	S. No.	Parameters	July '2025			Aug'2025			Sept'2025		
			Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.
	1	Particulate Matter (PM _{2.5})	35.99	32.35	34.20	32.28	28.64	30.49	30.78	27.14	28.99
	2	Particulate Matter (PM ₁₀)	68.38	61.46	64.98	61.33	54.41	57.93	58.48	51.56	55.08
	3	Nitrogen Dioxide (NO ₂)	18.94	17.02	18.00	16.99	15.07	16.05	16.20	14.28	15.26
	4	Sulphur Dioxide (SO ₂)	10.52	8.15	9.60	9.44	7.21	8.56	9.00	6.83	8.14
	5	Carbon Monoxide (as CO), mg/m ³	0.53	0.41	0.48	0.47	0.36	0.43	0.45	0.34	0.41
	6	Suspended Particulate Matter (as SPM)	335.06	301.15	318.39	300.52	266.61	283.84	286.55	252.64	269.88
vi.	Miscellaneous	PP shall implement the R&R plan for the habitations involved within the project area and also for purchase of private land.				Being complied	R&R plan is being implemented for the habitations involved within the project area and also for purchase of private land as applicable.				
vii.	Water Quality Monitoring And Preservation	The water requirement of 4180 m ³ /day be met from saline ground water (3960 m ³ /day) after prior approval from competent authorities and through treated waste water (220 m ³ /day). As committed, the Company shall not use any groundwater in its premises except for drinking. Also, the Company shall not take drinking water from the Indira Gandhi Canal. PP shall implement the plan for sourcing treated sewage water from the STP of Nagaur municipality in place of groundwater for industrial purposes.				Agree to comply	Project construction & erection activities are in progress. JSW is not using any groundwater in its premises except for drinking. Also, JSW is not sourcing any water from the Indira Gandhi Canal. As committed, JSW have signed a MoU with Nagar Parishad, Nagaur for procurement of treated STP water for industrial/ greenbelt development purpose vide dated 13 th Aug, 2024, valid till 12 th Aug-2074.				

				JSW has also obtained NOC from CGWA for ground water withdrawal @ 380 KLD for drinking and domestic purpose.
viii.	Green Belt	Three tier Green Belt shall be developed in at least 33% of the project area with native species all along the periphery of the project site of adequate width in consultation with Central Arid Zone Research Institute (CAZRI) Jodhpur and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards habitations. As committed, the Company shall plant 75,000 nos. of trees in this monsoon season, i.e. up to Oct, 23 and the maximum nos. of tree plantation shall be done by the end of 2024. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	Partially complied	JSW had signed a MoU with CAZRI for availing consultancy services for "Tree Plantation" on 13 th August, 2024 and is carrying out the plantation as per the recommendations of CAZRI team within the plant premises. So far, approx. 16000 nos. of tree sapling are planted within plant premises. Apart from above approx. 102500 nos. of tree saplings have been planted/distributed around the project area, nearby Villages, Schools, Cremation Grounds, Sport Grounds, Grazing Land and Avenue Plantation etc. Compliance status of the same is being submitted to concerned Regional Office of the MoEF&CC through Half yearly Compliance report.
ix.	Statutory compliance	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 70 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.	Being complied	Project construction/erection activities are under progress. Community development works has been started in all nearby villages in the fields of: - Education, Health & sanitation, Livelihood, Rural Infrastructure Development in line with our CER commitments made towards socio-economic development/requests raised by villagers during PH process. The implementation plan with progress i.e.: Activity wise detailed CER/CSR Report for the FY: 2024-25 is presented below. Also the same is being submitted to MoEF&CC through this Half Yearly compliance report.

ACTIVITY WISE DETAILED CER/CSR REPORT FOR THE FY: 2025-26 (Till Sept 30th 2025)

Activity Wise Detailed CER/CSR Report Of All Running And Upcoming Programs

S. No.	Activities	Budget	YTD	Commit ted	Total Expendi ture	Remarks	Beneficiaries	Village
	Targeted	(Rs. Lakh)	Spend	Expendi ture			Total	
			(Rs. Lakh)	(Rs. Lakh)	(Rs. Lakh)			
A	EDUCATION	616.66	107.99	331.66	439.66		1250	
A.1	Classroom at Govt. PS School Jindas	15.16	15.16	0.00	15.16	1 Classroom has been constructed at Jindas PS School	52	Jindas
A.2	Painting work at Govt. UPS School Jindas village	8.00	0.00	8.00	8.00	Painting work to be executed at UPS Jindas village	102	Jindas
A.3	Development of Mahatma Gandhi Vidhyalya and Tulchiram Gilda Government Secondary School, Bhadana to model school with comprehensive infrastructure support, innovative aids including activity-based materials for Math, Science & English as well as ICT facilities for improved teaching & learning	153.00	0.00	0.00	0.00	Developing Govt. Schools in Model Schools at Bhadana	0	Bhadana
A.4	Construction of 3 Classrooms & Toilet in Govt. MG School Deh	33.50	0.00	33.50	33.50	3 classroom construction in MG school Deh with separated toilet for Girls and Boys is proposed (Size - 20x25 sqft for each room)	0	Deh
A.5	Ensuring proper Sanitation Facilities at School by building Toilet units separate for boys & girls	14.53	14.53	0.00	14.53	Boys toilet units completed in 3 schools of Bhadana, Harima and Deh villages	0	Harima, Bhadana
A.6	Developing Smart Classrooms in the Govt. Schools to promote digital learning	50.00	0.00	50.00	50.00	Digital learning initiative is planned in 8 Govt. Schools	0	Sarasani, Jindas, Harima, Deh, Bhadana
A.7	Boundary wall construction & 2 Classrooms at Bhadana	30.00	0.00	30.00	30.00	Classroom and Boundary wall to be constructed in govt. schools (300 Mtrs length)	0	Bhadana
A.8	Classrooms at Sarasani Govt. School	26.50	26.50	0.00	26.50	2 Classrooms to be constructed at Sarasani school (Size 20x25 for each room)	163	Sarasani
A.9	Renovation, Repairing & Painting of Govt. School Buildings - Anganwadi, Roof treatment, Solar	57.00	0.00	57.00	57.00	Renovation of Anganwadis to be done	0	All Village
A.10	Providing basic amenities like Furniture, Green Boards	28.75	0.00	28.75	28.75	500 Furniture sets and whiteboards are to be provided in all 8 govt. schools	0	Sarasani, Jindas, Harima, Deh, Bhadana
A.11	Harima School Waterproofing works	4.00	4.00	0.00	4.00	Govt. Upper primary school Harima	71	
A.12	Jindas School water proofing works	4.23	4.23	0.00	4.23	Waterproofing work is completed in Jindas Schools & Anganwadi	231	Jindas
A.13	School Waterproofing works in Bhadana Schools	7.55	7.55	0.00	7.55			

A.14	School Waterproofing works in Deh PEEO Schools	21.20	11.93	9.27	21.20	Roof waterproofing work to be executed in School of Deh PEEO area	631	Deh
A.15	Project Umang - Learning & Development Initiative in Schools - Eklavya	62.77	0.00	62.77	62.77	Project Umang in partnership with Ekalvya foundation		Sarasani, Jindas, Harima, Deh, Bhadana
A.16	Construction of School Toilets in Amarpura & Sadokan Panchayat	24.00	0.00	0.00	0.00	Sanitation facilities to be created in Schools	0	Amarpura , Sadokan
A.17	School Development activities at Village Sarasani	38.50	24.10	14.40	38.50	School development activities like One classroom construction, floor repair, renovation, and painting of Sarasani school	0	Sarasani
A.18	Financial support to Govt. schools for Participate in State level sports	0.97	0.00	0.97	0.97	Harima and Bhadana school		
A.19	Construction of 02 classroom and Boundry wall at Harima School	37.00	0.00	37.00	37.00	02 classroom and boundry wall at Govt School Harima		
B	HEALTHCARE	87.24	0.80	76.44	77.24		100	
B.1	Primary Medical Facilities through Mobile Van	52.44	0.00	52.44	52.44	Mobile health Van to be deployed to ensure door step healthcare services		Sarasani, Jindas, Harima, Deh, Bhadana
B.2	Cancer Research Study for Nagaur	10.00	0.00	10.00	10.00	Cancer study to be conducted as per EC condition		Nagaur District
B.3	Infrastructure Improvement in Health Sub-Centre at Harima	10.00	0.00	0.00	0.00	Health Centre at Harima is planned		Harima
B.4	Vision Screening for villagers of DIZ village	9.50	0.00	9.50	9.50	Vision screening with free Specs distribution for the villagers of DIZ villages.		Sarasani, Jindas, Harima, Deh, Bhadana
B.5	Nutritional kit to TB patient	4.50	0.00	4.50	4.50	Nutritional kit support to 100 TB patient for 06 month at Nagaur district	100	Nagaur District
B.6	Ambulance support to district administration	0.80	0.80	0.00	0.80	Ambulance support to district administration		
C	LIVELIHOOD	316.17	42.16	274.01	316.17		4397	
C.1	Civil Consultant for establishing "Centre of Excellence"	7.00	0.00	7.00	7.00	CoE is planned to be established in Bhadana village	0	Bhadana
C.2	Project Tarang	207.00	29.35	177.65	207.00	Project Tarang in running with BAIF NGO under Agriculture & Livestock Development initiative	4323	Sarasani, Jindas, Harima, Deh, Bhadana
C.3	Project Bani-Thani	102.17	12.81	89.36	102.17	Project Bani-Thani is running under Women Empowerment initiative with COSV. 3 Training Centres are established for Stitching, Durry making and Block printing works	74	Sarasani, Harima, Bhadana
D	WATER	288.49	27.49	216.00	243.49		4935	
D.1	Repairing and Renovation of existing water harvesting structures/ ponds/naadis etc. in the nearby villages	45.00	0.00	0.00	0.00	Renovation of existing ponds to be undertaken	0	
D.2	Developing/repairing of water infrastructures in the villages (Overhead Tank)	28.00	0.00	28.00	28.00	1 Lac ltr Over-head tank is planned in Sarasani village	0	Sarasani

D.3	Renovation of existing Pond at Bhadana	16.79	16.79	0.00	16.79	Renovation of existing pond of Bhadana village	3459	Bhadana
D.4	Borewell construction at Sarasani village	10.70	10.70	0.00	10.70	Borewell installation work is completed in Sarasani village	1476	Sarasani
D.5	Providing support for Construction of Individual Tanka (Rain Water Harvesting Structures) & IIHT	188.00	0.00	188.00	188.00	Family identification is under process for individual RRWHS and Toilet works	0	All villages
E	Rural Infrastructure	1062.92	37.26	335.30	372.56		4622	
E.1	Installation of Solar Street Lights for better illumination in the villages	27.50	0.00	27.50	27.50	250 nos. Street lights are planned to be Installed in Village Harima,Sarasani, Bhadana and Jindas.	3146	Sarasani, Jindas, Harima, Deh, Bhadana, Manjhwa s, Salwa, Pithasiya, Somna
E.2	Construction/repairing of village Roads	100.00	0.00	100.00	100.00	1 KM Road to be constructed in Sarasani village	0	Sarasani
E.3	Establishing "Center of Excellence" having Skill Development School, Training Center of Women, Library for youths, Open Gym, Classrooms for extra studies, wellness center etc with 6 AC rooms near plant premises or nearest villages in separate land. Installation of 50 nos. of sewing machines, 20 nos. of computer systems, 30 nos. of machines for making hand craft items along with necessary raw materials, organizing training program, vocational program etc.	299.87	0.00	0.00	0.00	Center of Excellence to be developed	0	
E.4	Providing buses along with Construction of Bus Stop	30.00	3.41	26.59	30.00	Rajasthan Roadway bus to be deployed in project area villages for local transportation	1476	Sarasani
E.5	Gaushala Shed Development and Soil filling work at Bhadana	60.00	15.91	44.09	60.00	Gaushala of Bhadana village is to be developed with Shed (Size 100x30 sqft), Soil filling work is completed in Gaushala	0	Bhadana
E.6	Fencing of Bhadana Pond and Boundary wall construction work for cremation ground	30.00	0.00	30.00	30.00		0	
E.7	Gaushala Shed Development works at Amarpura village	43.00	0.00	43.00	43.00	Gaushala Shed Development works at Amarpura village	0	Amarapura
E.8	Construction of water troughs	14.44	12.26	2.18	14.44	Water Trough construction is completed in Sarasani & Deh villages	0	Sarasani, Deh, Harima
E.9	Construction of Drainage system in the Bhadana village	50.00	0.00	0.00	0.00	Drainage system through Sewage in Bhadana village	0	Bhadana
E.10	Construction of Community Centers for Local community event, SHG meeting, organising functions etc. (Bhadana-2, Harima, Jindas, Sarasani, Malgaon)	182.50	0.00	22.00	22.00	Community centers for local communities	0	

E.11	Renovation of Community Center at Bhadana	11.00	0.00	11.00	11.00			
E.12	Construction of 5 Km CC Road with asphaltting connecting Nimbi Jodhan- Nagaur Road (Village Harima)	180.00	0.00	0.00	0.00	CC Road for Harima village	0	
E.13	Renovation of NIC Room at Nagaur District	8.00	0.00	8.00	8.00	Renovation of VC room at NIC, Nagaur	0	Nagaur
E.14	Soil filling & leveling work at DIC office, Nagaur	3.00	0.00	3.00	3.00	Soil filling & leveling work at DIC office, Nagaur	0	Nagaur
E.15	Financial Support to Grampanchayat Sarsani for village development activities	5.00	5.00	0.00	5.00	Financial Support to Grampanchayat Sarsani for village development activities	0	Sarasani
E.16	Boundry wall of cremation area at Bhadana village	15.90	0.00	15.90	15.90			
E.17	AC fitting at police station Roll	0.68	0.68	0	0.68			
E.18	Hiring of JCB and Water Tanker	2.04	0	2.04	2.04	Required for Civil work and water spraying at Bhadana road		
F	ENVIRONMENT	383.90	29.93	286.57	316.50		1000	
F.1	Plantation drives with Tree guards (Nearby villages & Amarpura)	35.10	17.67	17.43	35.10	Mass plantation to be conducted in DIZ villages	1000	Sarasani, Jindas, Harima, Deh, Bhadana
F.2	Tree Guard at 3PWD area by Mines dept	12.26	12.26	0.00	12.26	1000 tree guard to be provided		
F.3	Environment Related Activities	316.54	0.00	249.14	249.14	Works to be executed through Environment team	0	
F.4	Animal Rescue Ambulance for Forest Department	20.00	0.00	20.00	20.00	Works to be executed through Environment team	0	
G	SPORTS & CULTURE	16.04	13.00	3.04	16.04		1100	
G.1	National Youth Cultural Exchange Program	8.00	8.00	0.00	8.00	National Youth Cultural Exchange Program organized with Yuva Navras Foundation with 150+ participants across 22 states	200	
G.2	Support for Har Ghar tiranga abhiyan	2.20	0.00	2.20	2.20		0	
G.3	Sponsorship in Night cricket tournament at Deh	5.84	5.00	0.84	5.84		900	
H	PROGRAM & ADMIN	3.95	2.52	1.43	3.95		0	
H.1	Field Coordinator CSR	3.00	1.57	1.43	3.00	Field Coordinator under CSR	0	
H.2	Advertisement on independence day - JSW Cement	0.70	0.70	0.00	0.70			
H.3	School and CSR work inauguration at Sarasani	0.25	0.25	0.00	0.25			
	TOTAL	2775.37	261.15	1524.45	1785.60		17404.00	

थारशोभा खेजड़ी वितरण से हरियाली की ओर कदम



नागौर। जेएसडब्ल्यू सीमेंट लिमिटेड द्वारा अपने स्वैच्छित सहभागिता के तहत क्षेत्र में समान वृक्षारोपण कार्यक्रम आयोजित किया गया। कार्यक्रम के अंतर्गत थार, शोभा, खेजड़ी एवं जगजगद चौकी का वितरण एवं रोपण किया गया। इस कार्यक्रम में जेएसडब्ल्यू सीमेंट लिमिटेड के 1000 खेजड़ी के पौधे बांटे गए, जिससे 400 से अधिक परिवार लाभान्वित हुए। इस फल का मुख्य उद्देश्य ग्रामीण परिवारों को उच्च गुणवत्ता वाले खेजड़ी पौधे उपलब्ध कराना है, जिससे भविष्य में सस्ती उपजान

बाजार की खबर

प्रशिक्षण में महिलाओं को उत्पादों डिजाइनिंग, पैकिंग की जानकारी दी



नागौर। जेएसडब्ल्यू सीमेंट की ओर से भद्रना गांव में महिलाओं के लिए सहायक विपणन प्रशिक्षण कार्यक्रम आयोजित किया गया, जिसमें 20 महिलाओं ने भाग लिया। कंपनी के सीएसआर हेड शिव भगवान ने बताया कि जेएसडब्ल्यू सीमेंट द्वारा महिला सशक्तिकरण कार्यक्रम अंतर्गत पहले से ही सिलाई केंद्र, ब्लॉक प्रिंटिंग और स्टी निर्माण केंद्र संचालित किए जा रहे हैं। इसी कड़ी में अब पट्टा प्रशिक्षण की शुरुआत की गई है। यह प्रशिक्षण सीआरडी संस्थान उदयपुर के सहयोग से आयोजित किया गया। प्रशिक्षण के दौरान महिलाओं को विभिन्न प्रकार के उत्पाद बनाने, डिजाइनिंग, पैकिंग की जानकारी दी गई। शिव भगवान ने बताया कि ऐसे प्रशिक्षण को और उन्नत बनकर फैक्टर उद्योगों को बनाने से जोड़ा जाएगा, ताकि महिलाओं को स्वरोपकार बढ़ा सकें। गांव की महिलाओं ने भी इस फल की सराहना करते हुए कहा कि इससे उनका आर्थिक स्थिति बेहतर है और भविष्य में रोजगार के नए रास्ते खुलेंगे।

जेएसडब्ल्यू सीमेंट की सौगात, सरासनी गांव के लिए पहली बस सेवा शुरू की



नागौर। जेएसडब्ल्यू सीमेंट ने सरासनी के लिए पहली बार बस सेवा का शुभारंभ और सामाजिक सरोकार के कर्मों का अनावरण किया है। इसका उद्घाटन मुख्य अधिकारी राज्य मंत्री डॉ. मंजू बाबुलाल ने किया। यह बस सेवा जेएसडब्ल्यू सीमेंट और राजस्थान राज्य एवं परिवहन विभाग के सहयोग से शुरू की गई है। सरासनी से दूर होते हुए नागौर तक चलने वाली इस बस के परिचालन खर्च का जमान जेएसडब्ल्यू सीमेंट द्वारा किया जाएगा। मंत्री डॉ. बाबुलाल एवं जेएसडब्ल्यू सीमेंट के वृत्त हेड ने हरी झंडी दिखाकर बस को रवाना किया। मंत्री ने इस दौरान जेएसडब्ल्यू द्वारा संचालित 'बनी ठानी ब्लॉक प्रिंटिंग केंद्र' का अवलोकन किया। उन्होंने बताया कि इसका उद्घाटन मुख्य अधिकारी राज्य मंत्री डॉ. मंजू बाबुलाल ने किया। यह बस सेवा जेएसडब्ल्यू सीमेंट और राजस्थान राज्य एवं परिवहन विभाग के सहयोग से शुरू की गई है। सरासनी से दूर होते हुए नागौर तक चलने वाली इस बस के परिचालन खर्च का जमान जेएसडब्ल्यू सीमेंट द्वारा किया जाएगा। मंत्री डॉ. बाबुलाल एवं जेएसडब्ल्यू सीमेंट के वृत्त हेड ने हरी झंडी दिखाकर

जेएसडब्ल्यू सीमेंट: मेले में किसानों को दी योजनाओं की जानकारी



नागौर। जेएसडब्ल्यू सीमेंट द्वारा तारा परियोजना अंतर्गत कृषि विज्ञान केंद्र प्रथम किसान मेले का आयोजन किया गया। इस अवसर पर 200 से अधिक किसानों ने भाग लिया। कार्यक्रम में उपस्थित कर्मी करके काले किसानों को समझाया गया। मुख्य अधिकारी डॉ. प्रो. राजेश कुमार, अधिकारी कृषि विज्ञान केंद्र ने किसानों को नैतिक खेती अपनाने और उन्नत बीजों के प्रयोग से आयवर्धन बढ़ाने के लिए प्रेरित किया। उन्होंने जेएसडब्ल्यू सीमेंट द्वारा किए जा रहे सामाजिक सरोकार के कर्मों की सलाह दी। मेले में पशुपालन विभाग से डॉ. मोहम्मद अहमद रंजन ने पशु बीम, टीकन, नल सुधार जैसे योजनाओं की जानकारी दी। कृषि विज्ञान केंद्र के वरिष्ठ वैज्ञानिक डॉ. गोविंद सिंह ने अनुसंधान आधारित नवाचारों को खेती में अपनाने की अतिरिक्त बताया। वहीं डॉ. हरिनाथ चौधरी ने फसल बीज व नैतिक खेती पर प्रकाश डाला और डॉ. राजेश चौधरी ने विपणन योजनाओं की जानकारी दी। जेएसडब्ल्यू सीमेंट के सीएसआर हेड शिव भगवान ने बताया कि कंपनी शिक्षा, स्वास्थ्य, आर्थिक विकास और सामाजिक संस्थान प्रबंधन के क्षेत्र में अनेक कार्यक्रम संचालित कर रही है। बावजूद इसके से डॉ. राजेश चौधरी ने बताया कि आर्थिक विकास कार्यक्रम से किसानों का संतुष्ट हो रहे हैं। कार्यक्रम का संचालन डॉ. प्रमोद रानी ने किया और सहयोग डॉ. कल्याण चौधरी ने प्रदान किया।



जेएसडब्ल्यू सीमेंट खदान में 'स्वच्छता ही सेवा' का आयोजन, कर्मचारी भी शामिल

नागौर। भारतीय खनन ब्यूरो, अजमेर क्षेत्र के मार्गदर्शन में जेएसडब्ल्यू सीमेंट लिमिटेड के 3000 लक्ष्मणखान खदान में स्वच्छता ही सेवा कार्यक्रम आयोजित किया गया। इस फल से न केवल कार्यस्थल का वातावरण स्वच्छ हुआ, बल्कि कर्मचारियों में स्वच्छता और स्वास्थ्य के प्रति जागरूकता भी बढ़ी। इस अवसर पर, जेएसडब्ल्यू सीमेंट के खनन में स्वच्छता बनाए रखना और स्वास्थ्य जागरूकता फैलाना है। अभियान के तहत, 25 सितंबर को 'एक दिन, एक घंटा, एक साथ' फल आयोजित की गई। इस फल में कंपनी के सभी अधिकारी और कर्मचारियों ने एक साथ मिलकर खदान क्षेत्र की स्वच्छता की। उन्होंने प्रतिबद्धता जताई।

x.	Miscellaneous	PP shall undertake village adoption programme, prepare and implement the action plan to develop them into model villages.	Being complied	Project construction/erection activities are under progress. JSW has already adopted 5 villages i.e.: Bhadana, Jindas, Sarasani, Harima and Deh. Development plan of these villages had been prepared for 4 years in accordance with existing plan. Detailed activity wise implementation status is
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				provided in above specific condition no. ix.
xi.	Miscellaneous	Transportation of limestone from mines shall be done only through overland belt conveyor (OLBC) for captive consumption in the cement plant. However, the limestone, if sold to external users, shall be transported by road.	Being complied	JSW is currently executing the Overland Belt Conveyor (OLBC) project to transport limestone from the mines to its cement plant for captive use, and construction/erection works are underway. However, if the limestone is sold to external customers, it will be transported by road.
xii.	Miscellaneous	As committed, Company shall provide 2 nos. of buses for the village people and out of these two buses, one standard diesel bus shall be provided within 6 months whereas the another one will be an EV bus which will be provided within 2 years or earlier depending on the delivery period of the EV bus.	Being Complied	One bus has been deployed following the execution of an MoU between JSW and RSRTC, Nagaur. Route clearance and permit approval have been obtained from the Transport Department, and bus services have commenced. Arrangements for an additional bus are currently in progress.

जेएसडब्ल्यू सीमेंट की सौगात, सरासनी गांव के लिए पहली बस सेवा शुरू की



नागौर। जेएसडब्ल्यू सीमेंट ने सरासनी के लिए पहली बार बस सेवा का शुभारंभ और सामाजिक सरोकार के कर्मों का अनावरण किया है। इसका उद्घाटन मुख्य अतिथि राज्य मंत्री डॉ. मंजू बापमजूर ने किया। यह बस सेवा जेएसडब्ल्यू सीमेंट और राजस्थान राज्य पथ परिवहन निगम के सहयोग से शुरू की गई है। सरासनी से दूर होते हुए नागौर तक चलने वाली इस बस के परिवहन खर्च का वहन जेएसडब्ल्यू सीमेंट द्वारा किया जाएगा। मंत्री डॉ. बापमजूर एवं जेएसडब्ल्यू सीमेंट के यूनिट हेड ने हरी झंडी दिखाकर बस को खाना किया। मंत्री ने इस दौरान जेएसडब्ल्यू द्वारा संचालित 'बनी ठनी ब्लैंक प्रिंटिंग केंद्र' का अवलोकन किया। उन्होंने राजस्थान राज्य माध्यमिक विद्यालय सरासनी में जेएसडब्ल्यू द्वारा निर्मित 03 नए कमरों, विद्यालय नवीनीकरण और शिक्षा आधारित पेंटिंग कर्मों का भी अनावरण किया। कार्यक्रम में यूनिट हेड नवनीत चौहान ने मंत्री महोदय का स्वागत किया। इस अवसर पर देव सरपंच रणवीर सिंह, पूर्व सरपंच मंगलश्राम, और आर एस आर टी सी के मुख्य प्रबंधक मुक्तन सिंह मौजूद रहे।



xiii.	Miscellaneous	The Company shall engage an external agency/ consultant for carrying out a detailed baseline survey in Nagaur and nearby districts in order to evaluate the need for a cancer hospital in this region. Based on the outcome of the survey/	Agree to comply	JSW is in the process of tendering stage for engaging an external agency/third party to conduct a baseline survey in Nagaur and nearby districts in order to evaluate the need for a
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		baseline study, the Company will contribute for the cancer hospital in due course of time.		cancer hospital in this region. We shall submit the findings of the study once the survey is complete and the report is received.
xiv.	Miscellaneous	The recommendations of the approved Site-Specific Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.	Agree to comply	JSW had submitted the WLCP to the PCCF through CCF, Ajmer vide letter No.: F(16(29)Wildlife/CCF-Ajmer/2022-23/1226 dated 06/04/2023 and is awaiting for approval of the WLCP from PCCF, Jaipur, Rajasthan Recommendations will be implemented in consultation with the State Forest Department and report of the same will be submitted along with six-monthly compliance report, after the approval of WLCP by PCCF.
B. GENERAL CONDITIONS: -				
I. STATUTORY COMPLIANCE				
i.	Statutory compliance	The Environment Clearance (EC) granted to the project/activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount / construe to approvals / consent / permissions etc., required to be obtained or standards / conditions to be followed under any other Acts / Rules / Subordinate legislations, etc., as may be applicable to the project.	Being complied	JSW has obtained all the applicable Approvals / Permissions / Consents / NOCs before start of the construction and erection work as per applicable acts/rules.
II. AIR QUALITY MONITORING AND PRESERVATION				
i.	Air Quality Monitoring And Preservation	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Agree to comply	Project construction/erection activities are under progress. CEMS and CAAQMS, as prescribed, will be installed and connected with the SPCB and CPCB online servers before start of the operations.



CAAQMS-1



CAAQMS-2



CAAQMS-3



CAAQMS-4



CAAQMS-5



CAAQMS-6



Cement Mill



Cooler-ESP



Coal Mill



Raw mill RABH

ii.	Air Quality Monitoring And Preservation	The project proponent shall carryout Continuous Ambient Air Quality Monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ and NO _x in reference to SO ₂ and NO _x emissions) within and outside the plant area (at least at four locations one within	Being complied	Project under commissioning phase, the Continuous Ambient Air Quality Monitoring stations are installed; commissioning jobs are under progress. However, we have engaged a NABL and CPCB accredited laboratory for conduct of Ambient Air Quality Monitoring
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		and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.		for the prescribed parameters within and outside the plant area. AAQM report is attached above in specific condition no.: v.	
iii.	Air Quality Monitoring And Preservation	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Being complied	Fugitive emissions monitoring is being carried out in the plant premises Near Plant Construction Site and Near Weigh Bridge on quarterly basis by NABL accredited labs approved by CPCB and monitoring report is attached below: -	
	FUGITIVE EMISSIONS MONITORING REPORT - JUNE-2025				
	S. No.	Month	Limit (µg/m³)	Near Plant Construction Site (µg/m³)	Near Weigh Bridge (µg/m³)
	1.	Particular Matter	600	430	460
iv.	Air Quality Monitoring And Preservation	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.	Agree to comply	Project construction/erection activities are under progress. Sampling facility will be provided at all the process stacks after commissioning of the proposed project.	
v.	Air Quality Monitoring And Preservation	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Being complied	Project Construction and erection activities are currently in progress. JSW has installed comprehensive Air Pollution Control (APC) systems, including RABH, Bag Filters/ESP, and implemented measures such as water sprinkling through tankers, covered conveyor belts, and plantation, to mitigate air pollution and ensure compliance with prescribed stack emission and fugitive emission standards.	
vi.	Air Quality Monitoring And Preservation	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Agree to comply	Project construction/erection activities are under progress. Leakage detection and mechanized bag cleaning facilities will be provided for better maintenance of bags..	
vii.	Air Quality Monitoring And Preservation	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Agree to comply	Project construction /erection activities are under progress. Vacuum cleaners will be deployed to clean the plant roads, floors/roofs regularly after commissioning of the plant operations.	
viii.	Air Quality Monitoring	Ensure covered transportation and conveying of raw material to prevent	Agree to comply	Project construction /erection activities are under progress.	

	And Preservation	spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.		Internal transportation of material shall be done through covered conveyors. Leak proof trucks/dumpers for carrying coal and other raw materials covered with tarpaulin will be used within plant premises.
ix.	Air Quality Monitoring And Preservation	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.	Complied	Not applicable to cement plants.
x.	Air Quality Monitoring And Preservation	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Agree to comply	Project construction/erection activities are under progress. Sheds for storage of raw materials acts as wind shelter fence and chemical spraying will be provided on the raw material stock piles once the project is completed
xi.	Air Quality Monitoring And Preservation	Design the ventilation system for adequate air changes as per prevailing norms for all Tunnels, Motor Houses, Oil Cellars.	Complied	Not applicable to cement plants.
xii.	Air Quality Monitoring And Preservation	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	Agree to comply	Project construction/erection activities are under progress. CREP guidelines will be implemented during the operation phases of the project.
xiii.	Air Quality Monitoring And Preservation	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, absorbers and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.	Agree to comply	Project construction/erection activities are under progress. Clean Air practices as applicable to cement plant will be implemented during the construction phase. Adequate nos. of fog/mist water cannons will be deployed during the operation phase to suppress the dust. To control emissions related to transportation, Vehicles having valid PUC certificates will only be allowed inside the premises .Cleaner Fuel Vehicles/Currently two EV operated vehicles are using for commuting inside the premises.
xiv.	Air Quality Monitoring And Preservation	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.	Agree to comply	Project construction/erection activities are under progress. It has been planned to implement in-built bag cleaning system programmed for

				automatic bag cleaning at regular intervals. Efficiency of process bag filters will be monitored manually at least once in year after commissioning of the project.
xv.	Air Quality Monitoring And Preservation	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.	Agree to comply	Project construction/erection activities are under progress. Water Sprinkler/Mist system will be provided at all the prescribed points to control fugitive emissions from the plant.
xvi.	Air Quality Monitoring And Preservation	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.	Being Complied	Project construction/erection activities are under progress. We have installed efficient air control systems such as Bag filters/ESPs to control emission below 30 mg/Nm ³ at all process stacks and the same will be operated during the implementation phase.
xvii.	Air Quality Monitoring And Preservation	Following additional arrangements to control fugitive dust shall be provided:	Agree to comply	Project construction/erection activities are under progress.
		a. Fog/Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas.	Agree to comply	JSW will provide the Fog/Mist Sprinklers at all on bulk raw material storage area and similar waste storage areas.
		b. Proper covered vehicle shall be used while transport of materials.	Agree to comply	Proper covered vehicle will be used while transport of materials.
		c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.	Agree to comply	Wheel washing mechanism will be provided in entry and exit gates.
xviii.	Air Quality Monitoring And Preservation	Provide Low NO _x burners as primary measures and SCR/NSCR technologies as secondary measure to control NO _x emissions.	Agree to comply	Project construction/erection activities are under progress. JSW has installed Low NO _x burner and Low NO _x calciner. In addition, we have installed latest technology IKN cooler to control NO _x emissions. SCR/ SNCR technologies will be provided, if required to control the NO _x emission after commissioning of the project.
xix.	Air Quality Monitoring	The emission norms applicable for the cement plant shall be adhered to.	Agree to comply	Project construction/erection activities are under progress.

	And Preservation			The emission norms applicable to cement plants shall be adhered to during the implementation as well as operation phase of the project.
xx.	Air Quality Monitoring And Preservation	Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.	Agree to comply	Project construction/erection activities are under progress. Dioxin and Furan will be monitored once in six months during the operation of plant.
xxi.	Air Quality Monitoring And Preservation	DeSOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm ³ by using best available technology.	Agree to comply	Project construction/erection activities are under progress. Kiln and calciner system shall be designed to act as a dry de-SOx system. NOx level from kiln stack shall be maintained below 600 mg/Nm ³ .
xxii.	Air Quality Monitoring And Preservation	Petcoke dosing shall be controlled automatically to control SO ₂ emission from chimney within the prescribed limits.	Agree to comply	Project construction/erection activities are under progress. Petcoke dosing will be controlled automatically to control SO ₂ emission from the stack.
xxiii.	Air Quality Monitoring And Preservation	PP shall identify the source of fluoride emissions and action plan to mitigate the same shall be implemented.	Agree to comply	Project construction/erection activities are under progress. There is no known source of fluoride. However, the source of fluoride emission (possibly water), if any, shall be identified and action plan to mitigate the same, if required, shall be implemented during operation of the plant.
xxiv.	Air Quality Monitoring And Preservation	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	Agree to comply	Project construction/erection activities are under progress. The CREP guidelines to control the pollution within Cement Plant premises will be strictly implemented.
III. WATER QUALITY MONITORING AND PRESERVATION				
i.	Water Quality Monitoring And Preservation	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment	Agree to comply	Project construction/erection activities are under progress. CEMS (Continuous Effluent Monitoring System) will be installed at ETP/neutralization pit of WHRS to monitor the effluent quality and same will be connected to SPCB and CPCB online servers. The CEMS will be calibrated from time to time

		(Protection) Act, 1986 or NABL accredited laboratories.		according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
ii.	Water Quality Monitoring And Preservation	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Being complied	Project construction/erection activities are under progress. Water quality Analysis is being carried out through NABL and CPCB accredited laboratory Vibrant Labs on half-yearly basis i.e., twice in a year (pre and post-monsoon) in plant and adjacent areas. The report of the same is detailed below:

WATER QUALITY MONITORING REPORT - May'2025

S. No.	Parameters	Plant Site (Borewell)	Mines Site (RO Water)	Village Jindas (Water Storage Tank)	Village Bhadana (Borewell)	Village Harima (Govt. School)	Village Sarasani (Water Tank Storage)
1.	pH	7.26	7.28	7.58	7.44	7.28	7.38
2.	Colour	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)
3.	Turbidity (NTU)	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)	BLQ(LOQ 1.0)
4.	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
5.	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
6.	Total Hardness (as CaCO ₃), mg/l	2013	1012	62.0	1015	1064	510
7.	Calcium (as Ca), mg/l	415	282	20.0	212	242	96.0
8.	Total Alkalinity (as CaCO ₃), mg/l	258	346	254.0	308	318	475
9.	Chloride (as Cl), mg/l	4975	1825	98.0	1642	1934	890
10.	Cyanide (as CN), mg/l	BLQ(LOQ 0.02)	BLQ(LOQ 0.02)	BLQ(LOQ 0.02)	BLQ(LOQ 0.02)	BLQ(LOQ 0.02)	BLQ(LOQ 0.02)
11.	Magnesium (as Mg), mg/l	237.55	74.94	2.94	118.11	111.83	65.73
12.	Total Dissolved Solids, mg/l	10218	5730	683	4251	5893	3375
13.	Sulphate (as SO ₄), mg/l	2415	1936	55.1	978	735	515
14.	Fluoride (as F), mg/l	1.28	0.44	0.18	0.69	0.55	0.52
15.	Nitrate (as NO ₃), mg/l	4.89	29.36	25.42	41.25	26.1	21.36
16.	Iron (as Fe), mg/l	0.62	0.58	0.21	0.49	0.53	0.41
17.	Aluminium (as Al) mg/l	BLQ(LOQ 0.03)	BLQ(LOQ 0.03)	BLQ(LOQ 0.03)	BLQ(LOQ 0.03)	BLQ(LOQ 0.03)	BLQ(LOQ 0.03)
18.	Boron (as B) as mg/l	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)
19.	Total Chromium (as Cr), mg/l	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)
20.	Phenolic Compounds (C ₆ H ₅ OH), mg/l	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)
21.	Anionic Detergents (as MBAS), mg/l	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)
22.	Zinc (as Zn), mg/l	1.0	0.84	0.28	0.57	0.75	0.54
23.	Copper (as Cu), mg/l	0.42	BLQ(LOQ-0.02)	BLQ(LOQ-0.02)	BLQ(LOQ-0.02)	BLQ(LOQ-0.02)	BLQ(LOQ-0.02)
24.	Manganese (as Mn), mg/l	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)
25.	Cadmium (as Cd), mg/l	BLQ(LOQ 0.002)	BLQ(LOQ 0.002)	BLQ(LOQ 0.002)	BLQ(LOQ 0.002)	BLQ(LOQ 0.002)	BLQ(LOQ 0.002)

	26.	Lead (as Pb), mg/l	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)
	27.	Selenium (as Se), mg/l	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)
	28.	Arsenic (as As), mg/l	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)	BLQ(LOQ 0.005)
	29.	Mercury (as Hg), mg/l	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)	BLQ(LOQ 0.001)
	30.	Total Coliform	Absent	Absent	Absent	Absent	Absent	Absent
	31.	E. Coli	Absent	Absent	Absent	Absent	Absent	Absent
	32.	Electrical Conductivity, μ S/cm	15750	8850	1050	6580	8990	5190
	33.	Total Suspended Solids, mg/l	BLQ(LOQ 5.0)	BLQ(LOQ 5.0)	BLQ(LOQ 5.0)	BLQ(LOQ 5.0)	BLQ(LOQ 5.0)	BLQ(LOQ 5.0)
	34.	Ammonia (as N), mg/l	BLQ(LOQ 0.3)	BLQ(LOQ 0.3)	BLQ(LOQ 0.3)	BLQ(LOQ 0.3)	BLQ(LOQ 0.3)	BLQ(LOQ 0.3)
	35.	Nickel (as Ni), mg/l	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)
	36.	Free Residual Chlorine, mg/l	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)
	37.	Sodium (as Na), mg/l	1248	689	169	982	862	867
	38.	Potassium (as K), mg/l	6.57	6.82	7.12	7.53	7.10	5.25
	39.	Mineral Oil, mg/l	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)	BLQ(LOQ 0.05)
	40.	Phosphate as P, mg/l	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)	BLQ(LOQ 0.2)
	41.	Total Pesticides, μ g/l	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)
	42.	Hexavalent Chromium (as Cr^{+6}), mg/l	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)	BLQ(LOQ 0.01)
iii.	Water Quality Monitoring And Preservation	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Agree to comply			Project construction/erection activities are under progress. Provision for garland drains and collection pits at each stockpile has been kept in the design of the plant and the same shall be provided during the implementation phase.		
iv.	Water Quality Monitoring And Preservation	Water meters shall be provided at the inlet to all unit processes in the plants.	Agree to comply			Project construction/erection activities are under progress. Water meters will be provided at the inlet of all processes in the plant premises during the implementation phase.		
v.	Water Quality Monitoring And Preservation	The project proponent shall make efforts to minimise water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Agree to comply			Project construction/erection activities are under progress. Appropriate measures will be taken to minimise water consumption in the plant complex. Waste water will be treated and reused for dust suppression / plantation purpose within cement plant premises.		
vi.	Water Quality Monitoring	The proposed project shall be designed as "Zero Liquid Discharge" Plant. ETP shall be installed and there shall be no discharge	Agree to comply			Project construction/erection activities are under progress.		

	And Preservation	of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.		The project will be designed on "Zero Liquid Discharge" concept. ETP/Neutralization pit will be installed for treatment of effluents generated from WHR process and there will be no discharge of effluent from the plant premises. Domestic effluent will also be treated in Sewage Treatment Plant and suitable measures will be adopted for sewage water handling to ensure no contamination of any kind of water body.				
vii.	Water Quality Monitoring And Preservation	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.	Agree to comply	Project construction/erections activities are under progress. At the design stage, provision for impervious flooring, garland drains, catch pits and water spray system for dust suppression has been kept at all stockyards and these measures will be implemented during the implementation phase.				
viii.	Water Quality Monitoring And Preservation	Rainwater harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/ EMP report.	Agree to comply	Project construction/erection activities are under progress. Rain water harvesting systems such as rooftop RWH, WH pond etc. shall be provided during the implementation phase.				
IV. NOISE MONITORING & PREVENTION								
i.	Noise Monitoring & Prevention	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Complied	Project construction/erection activities are under progress. Noise levels are being Monitored through NABL and CPCB accredited laboratory Vibrant Techno Labs Pvt. Ltd. on monthly basis (Day and Night) in plant and adjacent areas. The report of the same is detailed below: -				
AMBIENT NOISE LEVEL MONITORING REPORT - APR'2025 TO SEPT'2025								
	S. No.	Noise Level Monitoring Locations	Apr'2025		May'2025		June'2025	
			Day	Night	Day	Night	Day	Night
	1	At Plant Site	63.5	52.8	60.8	51.4	61.5	52.3
	2	At Mines Office / Core Library	60.5	51.6	59.2	50.9	58.4	43.7
	3	Village Jindas	51.2	39.9	49.0	40.0	45.6	38.2
	4	Village Bhadana	50.0	40.8	51.6	41.7	50.6	42.0
	5	Village Harima	51.4	43.2	48.5	38.3	49.3	39.5
	6	Village Sarasani	49.7	42.2	50.1	39.7	48.9	39.2

v.	Energy Conservation Measures	Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.	Agree to comply	Project construction /erection activities are under progress. The project/process has been designed for utilization of up to 30 percent of AFR which is one of the best practices in Indian cement industry. Necessary systems will be provided during the implementation phase.
vi.	Energy Conservation Measures	Waste heat recovery system shall be provided for kiln and cooler.	Agree to comply	Project construction /erection activities are under progress. WHRS of capacity 54 MW (18 MW in each line) shall be provided during the project implementation phase.
VI. WASTE MANAGEMENT				
i.	Waste Management	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.	Agree to comply	Project construction /erection activities are under progress. Oil Collection pits will be provided to collect and reuse/recycle spilled oil in oil handling area.
ii.	Waste Management	Kitchen waste shall be composted or converted to biogas for further use.	Agree to comply	Project construction /erection activities are under progress. Systems for composting of kitchen waste or conversion to bio gas will be implemented after construction of canteen/ kitchen in the plant/ residential premises.
iii.	Waste Management	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	Complied	There is no any source of fly ash generation in the proposed project and therefore this condition is not applicable to us.
iv.	Waste Management	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-	Complied	As part of our organization's policy, SUP is banned at all our plant locations is being conducted for the people working in the project area and also in the surrounding areas.

		3/. All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.		
v.	Waste Management	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	Agree to comply	Project construction /erection activities are under progress. So far, no E-waste has been generated. Disposal of E-waste will be done as per E-waste Management and Handling Rules and disposal plan incorporated in the EIA report.
vi.	Waste Management	PP shall recycle/reuse solid waste generated in the plant as far as possible.	Being complied	Project construction /erection activities are under progress. Solid waste generated are being reused/recycled to the maximum possible extent. Unused / unusable solid waste will be scientifically disposed.
VII. GREEN BELT				
i.	Green Belt	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	Agree to comply	Project construction /erections activities are under progress. GHG emission inventory as well as plan for reduction including sequestration has already been prepared and incorporated in the EIA. A copy of the same has already been submitted to MOEFCC with EC Compliance Report. Plan will be implemented during project implementation and operation phase.
ii.	Green Belt	Project proponent shall submit a study report on Decarbonisation Program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway	Agree to comply	Project construction/erection activities are under progress. We are aligned to the net zero target of the Government of India (GoI) by 2070. The cement industry contributes approximately 7-8 percent of global CO2 emissions, positioning it as one of the most challenging sectors to decarbonize. While various

		from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.		strategies such as improving energy efficiency, using alternative fuels, and substituting clinker-help reduce emissions, Carbon Capture and Utilization (CCU) is increasingly recognized as a vital approach for achieving deep Decarbonization. JSW Cement, in partnership with premier institutions including IIT Kanpur, IIT Tirupati, IISc, Bangalore and CSIR-IIP, Dehradun are currently developing and testing two CCU test beds, recently approved by the Department of Science and Technology (DST), Govt. of India. These include Integrated Carbon Capture and Mineralization (ICCM) and Vacuum Swing Adsorption (VSA) technologies, which leverage carbon-negative mineralization to permanently lock CO₂ into the construction value chain. These pilot projects underway at JSW Cement(s), Nandyal and Shiva Units, focus on capturing CO₂ directly from kilns and reintegrating it into building materials. This approach not only enables a net reduction in carbon emissions but also reduces the need for mining, thereby conserving natural resources. Additionally, JSW Cement is committed to lowering its carbon footprint by substituting clinker with materials such as fly ash, slag, or activated clays, and by utilizing waste heat recovery systems to enhance energy efficiency. The company continues to explore and invest in CCUS technologies while recognizing the importance of developing a comprehensive national roadmap for CCUS in hard-to-abate sectors like cement.
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				These technologies will be implemented across other JSW Cement units, if found suitable with progress reported to the Integrated Regional Office (IRO) of the Ministry of Environment, Forest and Climate Change (MoEFCC).
iii.	Green Belt	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Being Complied	Project construction /erections activities are under progress. Paving of areas such as roads and floors will be done along with the construction activities. Greening of vacant spaces with lawns/ grasses/ herbs/ shrubs etc. is being undertaken actively in th dedicated area and will also be carried out post completion of all civil construction activities.
VIII. PUBLIC HEARING AND HUMAN HEALTH ENVIRONMENT				
i.	Public Hearing and Human Health Issues	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Agree to comply	Project construction/erection activities are under progress. Emergency Preparedness Plan and Disaster Management Plan will be implemented during the project implementation phase.
ii.	Public Hearing and Human Health Issues	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.	Agree to comply	Project construction/erection activities are under progress. Heat stress analysis for the workmen who work in high temperature work zone will be carried out after commissioning of the project. Suitable PPE's will be provided as per the norms.
iii.	Public Hearing and Human Health Issues	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied	JSW has provided the temporary housing to the construction labours with all necessary infrastructures and basic facilities within the project site.
iv.	Public Hearing and Human Health Issues	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Being complied	Project construction /erection activities are under progress. Occupational health surveillance of the workers is being done (pre-medical check-up prior to their employment) and records of the same are being

				maintained. Regular Health Surveillance with maintenance of records will be done after commissioning of the project..
IX. ENVIRONMENT MANAGEMENT				
i.	Corporate Environment Management	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the Village Panchayat and the District Administration as committed.	Being complied	We have identified 5 villages in the core zone namely Jindas, Bhadana, Manjhwas, Harima and Deh for adoption and developing them into model villages. A socio economic survey has also been carried out by our CSR team. JSW are in the process of consultation with the concerned village panchayats for finalization of community development activities to be undertaken in the adopted villages.
ii.	Corporate Environment Management	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements /deviation/violation of the environmental/ forest/wildlife norms/ conditions and/or shareholder's/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Complied	An environmental policy duly approved by the Board of Directors of JSWCL is in place and is incorporated in the EIA report. Copy of the Board Resolution for the Corporate Environment Policy has already been submitted to MoEFCC along with earlier EC compliance report.
iii.	Corporate Environment Management	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly to the head of the organization.	Complied	A separate EMC with a Qualified Environment Person reporting directly to Plant Head has been setup both at unit as well as at corporate level.
iv.	Corporate Environment Management	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.	Agree to comply	Performance test will be conducted on all pollution control systems every year post commissioning of the project as our project is under construction and erection stage.
X. MISCELLANEOUS				
i.	Miscellaneous	The project proponent shall make public the environmental clearance granted for	Complied	Grant of EC to the project was duly advertised within 7 days in

		their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.		two local newspapers i.e.: Times of India dated 30/09/2023 on page No.: 5 and Dainik Bhaskar dated 01.10.2023 on page No.: 23. In addition, the EC letter has also been permanently displayed on the Company's website.
ii.	Miscellaneous	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied	Copies of EC were submitted to the respective agencies/local bodies and other relevant offices. Receipts of the same has already been submitted with last EC compliance report.
iii.	Miscellaneous	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Complied	Compliance status of the stipulated EC conditions has been uploaded on Company's website.
iv.	Miscellaneous	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Being complied	AAQ Monitoring conducted for the prescribed parameters within and outside the plant area, please refer the specific condition no.: v and stack emission monitoring will be undertaken and monitored data will be duly displayed on the Company website and at the factory main gate for disclosure to the public after successful commissioning of the project.
v.	Miscellaneous	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.	Agree to comply	JSW will develop connecting and internal road as per IRC guidelines.
vi.	Miscellaneous	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Complied	JSW is hereby submitting the EC six-monthly compliance report on the website of the MoEFCC - Parivesh portal and the same is also being sent by email to concern authorities. Recently, submitted EC compliance report for the period Oct-2024 to Mar-25 is vide our email dated 28/05/2025.
vii.	Miscellaneous	The project proponent shall submit the environmental statement for each	Agree to comply	Project construction/erection activities are under progress.

		financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.		Environmental statement for each financial year in Form-V will be submitted after commissioning of the plant operation.
viii.	Miscellaneous	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Complied	• Date of financial closure: 10/05/2024. • Date of final approval of the project: 10/05/2024. • Date of commencement of land development work: 10/05/2024. • Date of start of production operation will be provided after commencement of production operations.
ix.	Miscellaneous	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Agree to comply	We shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during PH and during presentation to the EAC.
x.	Miscellaneous	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.	Agree to comply	WLCP for Schedule-I species has been prepared and submitted to DFO, Nagaur vide letter No.: F(TK)/CCF/2022-23/1969 dated: 29 th March, 2023, after that WLCP has been forwarded to PCCF Jaipur for approval of WLCP vide letter No.: F16(29) Wildlife/CCF/2022-23/1266 dtd. 6 th April, 2023. Final approval from PCCF is awaited.
xi.	Miscellaneous	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.	Agree to comply	Project construction/erection activities are under progress. The details of the said expenditures will be uploaded on our company website post commissioning of project.
xii.	Miscellaneous	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Agree to comply	No further expansion or modifications in the plant will be carried out without prior approval/EC.

xiii.	Miscellaneous	Concealing factual data or submission of false/ fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agree to comply	Noted and agreed.
xiv.	Miscellaneous	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agree to comply	Noted and agreed.
xv.	Miscellaneous	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agree to comply	Noted and agreed.
xvi.	Miscellaneous	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Agree to comply	We are extending our full cooperation to the JD, IRO-MoEFCC, Jaipur by furnishing the requisite information/data during their site visit held on 24 th March, 2025.
xvii.	Miscellaneous	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agree to comply	Noted and agreed.
