O/C

CIN No. : L26943RJ1979PLC001935
Phone : 01462 228101-6
Toll Free : 1800 180 6003 / 6004
Fax : 01462 228117 / 228119
E-Mail : shreebwr@shreecement.com
Website : www.shreecement.com

SHREE CEMENT LTD.

An ISO 9001, 14001, 45001 & 50001 Certified Company

Regd. Office:
BANGUR NAGAR, POST BOX NO.33, BEAWAR 305901, RAJASTHAN, INDIA

SCL/BWR/ENV/2020-21/ 8161 Date:-18/11/2020

To,
The Addl. Principal Chief Conservator of Forest (C)
Ministry of Environment, Forest & Climate Change
Regional Office (Central Region),
Kendriya Bhawan, 5th Floor, Sector 'H' Aliganj,
Lucknow (U.P.), Pin-226020

Sub: - Six monthly Compliance report of environmental clearance of 300 MW (2x150 MW) Thermal Power Plant at village-Andheri Deori, Tehsil-Masuda, District-Ajmer, (Rajasthan) by Shree Cement Limited.

Ref: - Environment Clearance No.: J-13012/83/2009-IA-II (T) dated 30th November 2010.

Dear Sir,

In reference to the above subject matter and referred letter, we are submitting herewith half yearly compliance report of above environmental clearance for the period from April. 2020 to September. 2020.

This is for your kind information please.

Thanking you,

Yours faithfully,

For Shree Cement Ltd.

(Dr. Anil Kumar Trivedi)
Sr. G.M. (Environment)

Cc to:-
1. The Director (Industry-I), Ministry of Environment, Forests & Climate Change, Indra Paryavaran Bhavan, Jorbag Road, New Delhi-110003
2. The In-Charge (Zonal Office), Central Pollution Control Board (CPCB), 3rd Floor, Sahkar Bhawan, North T.T. Nagar, Bhopal-462003(M.P.)
3. The Member Secretary, Rajasthan Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR-302004(Rajasthan).

SHREE CEMENT LIMITED,

Compliance Status of 300 MW (2x150 MW) Thermal Power Plant

At Village Andheri Deori, Tehsil-Masuda, District Ajmer (Rajasthan)

ENVIRONMENT CLEARANCE LETTER No. : J-13012/83/2009-IA.II (T) dated 30th November, 2010

PERIOD OF COMPLIANCE : Apr 20 to Sept 20

	Conditions	Compliances status
(i)	In case fuel for running the power plant is proposed to be changed from blending of Pet Coke and Imported Coal to other fuel (unblended liquid or solid or gas or any other in variance to the present proposal) the project proponent shall apply for such a change in environmental clearance along with necessary documents as required under EIA notification, 2006 (and its amendments). In such a case the necessity for holding public hearing again or otherwise will be determined by the Ministry in consultation with the Expert Appraisal Committee (Thermal Power).	Indian and Imported Coal are being used in power plant.
(ii)	Vision document specifying prospective plan for the site shall be formulated and submitted to the Ministry within six months.	After satisfactory running of boiler & turbine, possibilities are being explored to further optimize the operation to generate more power with existing resources.
(iii)	A stack of 220 m height shall be provided with continuous online monitoring equipment's for SOx, NOx and Particulate Matter. Exit velocity of flue gases shall not be less than 22 m/sec. Mercury emissions from stack shall also be monitored on periodic basis.	Both the boilers are attached with a stack of 220 meter height. Continuous online monitoring system for monitoring of SO_2, NO_2 and particulate matter has been installed. Monitoring of mercury emission was carried out in July 2019 by NABL & MoEF&CC accredited lab. **(Analysis report is enclosed Annexure-III).**
(iv)	The water requirement of 1300 m3/day shall be met from the water saved in the existing 44 MW CPP of the Cement Plant by replacing the water cooled condensers with the air cooled condensers. Water requirement is 4450m3/day of which 1300m3/day for the proposed 2x150 MW pet coke power plant and 3150 m3/day for the existing cement plant, mines and colony.	• Air cooled condenser has been installed. • The water consumption for FY-2019-2020 was 228530 KLD i.e < 1300 KLD at 300 MW.
(v)	Hydro geological study of the area shall be reviewed annually and report submitted to the Ministry. No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the setting up/ operation of the power plant.	Hydro geological study of the area has been carried out for the year 2019. The report has been submitted. (Report enclosed as **Annexure-II)**
(vi)	COC of 5.0 shall be adopted.	Air cooled condenser has been installed.
(vii)	Local employable youth shall be trained in skills relevant to the project for eventual employment in the project itself. The action taken report and details thereof to this effect shall be submitted to the Regional Office of the Ministry and the State Govt. Dept. concerned from time to time.	Local people are employed in plant & are provided relevant training for enhancement the skills.
(viii)	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	The site was flat; no soil for the leveling of site was used. Moreover, natural drainage system of the area is well protected and not affected during project installation and commissioning.
(ix)	Provision for installation of FGD shall be provided for future use.	FGD has been installed at site.
(x)	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission from the proposed power plant and cement plant does not exceed 50 mg/Nm3.	High efficiency electrostatic precipitators (ESPs) have been installed to achieve particulate emission below 50 mg/Nm³. **(Monitoring report enclosed as Annexure-I)**
(xi)	Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas such as in coal handling and ash handling points,	• Bag dust collectors are provided at all material transfer points. • Closed Conveyor belts are provided for

	Conditions	Compliances status
	transfer areas and other vulnerable dusty areas shall be provided.	material transfer. • Water spray arrangement has been provided in coal & pet coke handling areas. • Dry ash is stored in silo & transported to cement plant.
(xii)	Utilization of 100% Fly Ash generated shall be made from 4th year of operation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.	Fly ash generated from the power plant is completely used in existing cement plant.
(xiii)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Unutilized fly ash shall be disposed off in the ash pond in the form of slurry form. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.	One Silo has been constructed to store the dry fly ash and two silos have been constructed to store bed ash. Monitoring of heavy metals was done in July 2020 by MoEF&CC & NABL accredited lab (report enclosed as **Annexure III)**
(xiv)	Ash pond (if any) shall be lined with HDPE/LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.	Not Applicable.
(xv)	Green Belt consisting of three tiers of plantations of native species around plant and at least 100 m width shall be raised. Wherever 100 m width is not feasible a 50 m width shall be raised and adequate justification shall be submitted to the Ministry. Tree density shall not less than 2500 per ha with survival rate not less than 75 %.	Tree plantation is our on-going process. Out of total land 231.94 hectare we have developed green belt in the area of 82.83 hectare which covers around 35.71 % of total area with 228401nos. of trees saplings. Local native species of plants have been planted for increase of survival rate. • Plantation detail is enclosed as **Annexure – IV.**
(xvi)	The project proponent shall also adequately contribute in the development of the neighboring villages. Special package with implementation schedule for free potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.	• Potable water is supplied in nearby villages during summer. • A school is run by the unit for nearby villagers in plant campus. • Financial aid is given in nearby govt. schools for development of infrastructure. • Various activities under CSR are being carried out for the development of nearby villages.
(xvii)	An amount of Rs 5.0 Crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs 1.0 Crore per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation.	Company is engaged in extensive social welfare works under CSR activities. Total expenses on social welfare activity for the year 2019-20 was 563.76 lacs for all units cement, power & Mines.

	Conditions	Compliances status
(xviii)	While identifying CSR programme the company shall conduct need based assessment for the nearby villages to study economic measures with action plan which can help in upliftment of poor section of society. Income generating projects consistent with the traditional skills of the people besides development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. Company shall provide separate budget for community development activities and income generating programmes. This will be in addition to vocational training for individuals imparted to take up self-employment and jobs.	CSR programs is going in following areas: ❖ Health & Family Welfare Programme ❖ Educational Programmes ❖ Training and capacity building programme ❖ Women empowerment programme ❖ Agriculture development ❖ Natural resource management ❖ Contribution towards Religious & Social Programmes, promoting art and culture. ❖ Community infrastructure development projects ❖ Cement Issued on concessional rate To charitable/religious institution ❖ Charity & donation ❖ Sports activity (Tournaments) ❖ Sponsorship
(xix)	It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.	Annual social audit being carried out by government as well as private agency.
	General Condition	
(i)	The treated effluents conforming to the prescribed standards only shall be re-circulated and reused within the plant. There shall be no discharge outside the plant boundary except during monsoon. Arrangements shall be made that effluents and storm water do not get mixed.	SCL abide by Zero liquid discharge policy, complete waste water generated from RO system is being reused for making synthetic gypsum in synthetic gypsum plant & mill spray.
(ii)	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation.	Domestic effluent is treated in STP (600 KLD) and treated water is being used in plantation.
(iii)	A well designed rainwater harvesting shall be constructed. Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of issue of clearance and details shall be furnished to the Regional Office of the Ministry.	We have developed rainwater harvesting structures in and around the plant area & mines area. Details given as below: • Check dams at vill: Jhunjhario Ka Bariya, Lulva, Gena rampura, Pulwali rapat & Teja ji ki nadi Andheri Deori • Rain water collection in mine pit • Construction of artificial reservoirs for rain water collection behind temple at Shree Vihar Colony and Anand Vihar Colony • 02 nos. Artificial rain water recharge pit have been constructed in Power plant. • Roof rain water harvesting structures • Drip irrigation systems.
(iv)	Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.	Adequate safety measures like fire extinguishers in the plant area and hydrant line have been provided in plant and coal yard area. Details have already been submitted to MoEF&CC.
(v)	Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	Auxiliary liquid fuel HSD is stored in plant area. License for storage has been obtained from Department of Explosives, Nagpur. Disaster Management Plan has been prepared.
(vi)	Regular monitoring of ground water level shall be	• Regular monitoring of ground water level is

	Conditions	Compliances status
	carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg, Cr, As, Pb) and records maintained and submitted to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	being carried within the plant & mines area. • Automatic water level recorder with telemetry system installed at 03 nos. of piezometer for regular monitoring of ground water level. • There is no ash pond in power plant. • Monitoring of heavy metals for coal, fly-ash & bottom ash sample was carried out in July 2020 by MoEF&CC & NABL Accrdiated lab **(Analysis report enclosed as Annexure-III)**
(vii)	Monitoring surface water quantity and quality shall also be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.	There is no surface water available in the area.
(viii)	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	First Aid and sanitation arrangements are available at the site for the drivers and other contract workers.
(ix)	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy/less noisy areas.	Following measures are taken for control of noise emission in the work zone area. • Acoustic enclosures are provided for turbines. • Personal protective equipment like earplugs/ear muffs have been provided to the people working in the high noise area. • Audiometric examination annually carried out and corrective action taken accordingly. • Regular preventive maintenance of equipment & machinery being done regularly. • All compressor are placed in compressor house for create barrier of direct path of sound. Ambient & Work zone noise level report enclosed as **Annexure-I.**
(x)	Regular monitoring of ground level concentration of SO2, NOx, PM2.5 & PM10 and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.	Regular monitoring of ground level concentration of SO2, NO2, PM 2.5 & PM10 is carried out. **(Analysis report enclosed as Annexure-I)** Monitoring of mercury emission was carried out in July 19 by NABL & MoEF&CC approved lab. **(Analysis report enclosed as Annexure-III)** The monitored data has been displayed on company website along with compliance report.
(xi)	Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project	Housing facility has been provided for construction labour with all necessary infrastructure and facilities during construction phase.
(xii)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control	Published on 06/12/2010. Copy has been sent to Ministry of Environment and Forests and it's Regional Office and SPCB vide letter dated 21/12/2010.

	Conditions	Compliances status
	Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in.	
(xiii)	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Copy of EC letter has been sent to the gram panchayat Andheri Deori. Acknowledgement has been sent to Ministry of Environment and Forests and it's Regional Office and SPCB vide letter dated 21/12/2010. Copy of the EC letter has been uploaded at our web site www.shreecement.in
(xiv)	An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the Head of the Cell shall directly report to the head of the organization.	Separate environmental management cell has already been established with qualified personnel to carry out various environmental management functions under the supervision of senior executive, under overall control of Whole Time Director.
(xv)	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM (PM2.5 & PM10), SO2, NOx (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	Status of compliance of EC conditions has been uploaded on company's website www.shreecement.in and updated periodically. Compliance status has been sent to Regional Office of MOEF, the respective Zonal Office of CPCB and SPCB. Digital display board has been installed at the plant main gate to display the criteria pollutant emission level.
(xvi)	The environment statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	Environment statement for each financial year ending 31st March is being submitted to SPCB & by e-mail to Regional Offices of the Ministry and also uploaded on the website of the company along with the status of compliance of environmental clearance conditions.
(xvii)	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.	Six monthly reports of the status of implementation of the stipulated environmental safeguards are being sent to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. Status of compliance of EC conditions has been uploaded on company's website www.shreecement.in and updated periodically.
(xviii)	Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to	EIA/EMP report has been submitted to the Regional office of MoEF&CC along with additional information. Status of compliance of the EC conditions has been uploaded on company's website www.shreecement.in and updated periodically. Digital display board has been installed at the plant main gate to display the criteria pollutant emission level.

	Conditions	Compliances status
	time at least six monthly basis. Criteria pollutants levels including NOx (from stack & ambient air) shall be displayed at the main gate of the power plant.	
(xix)	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.	Total environmental expenditure during financial year 2019-20 was Rs. 102.54 Lacs.
(xx)	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	First boiler commissioned in October 2011 and second boiler commissioned in January 2012.
(xxi)	Full cooperation shall be extended to the Scientists/Officers from the Ministry/ Regional Office of the Ministry at Bangalore/ CPCB/ SPCB who would be monitoring the compliance of environmental status.	Full cooperation is being extended to all mentioned authorities during monitoring of the project.

Shree Cement Limited,
SREE POWER PLANT
Andheri Deori Tehsil-Masuda District-Ajmer, Rajasthan
Monitored data

Annexure-I

1. Ambient Air Quality Monitoring Data :-
(Period April 2020 to September 2020):- (All values in µg/m3)

Location	Plant boundary towards village Sarakana				Plant boundary towards Power Plant				Residential Colony				Main Gate			
Month	PM_{10}	$PM_{2.5}$	SO_2	NO_2	PM_{10}	$PM_{2.5}$	SO_2	NO_2	PM_{10}	$PM_{2.5}$	SO_2	NO_2	PM_{10}	$PM_{2.5}$	SO_2	NO_2
Apr-20	51	22	6	8	46	28	9	7	44	21	8	7	49	25	7	9
May-20	49	25	7	9	52	31	9	11	46	24	7	8	53	27	8	13
Jun-20	51	27	8	10	55	29	7	10	43	26	6	11	55	22	7	10
Jul-20	49	24	7	9	52	26	7	9	41	22	7	10	51	24	8	12
Aug-20	50	26	6	8	43	21	6	8	39	20	6	8	44	23	7	7
Sep-20	53	23	6.2	7.1	48	28	12	10	40	18.6	5	6	42	19.5	8	8

2. Stack Emission Monitoring data:-
(Period: Apr 2020 to Sep 2020)

MONTH	All values in (mg/Nm3)	
	Boiler-I (2 x 150 MW)	Boiler-II (2 x 150 MW)
Apr-20	SD	SD
May-20	SD	SD
Jun-20	SD	SD
Jul-20	SD	SD
Aug-20	SD	SD
Sep-20	SD	SD

3. Ambient Noise Level Monitoring Data:-

Noise Level (Leq-dB(A) (Period Apr 2020 to Sep 2020)

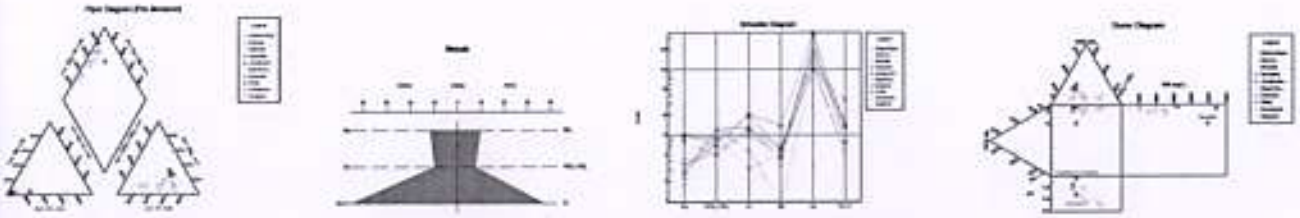
Location	Plant boundary towards village Sarakana		Plant boundary towards Power Plant		Residential Colony		Main Gate	
Month	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Apr-20	52	45.3	48	38	42	32	52	42
May-20	59	43.5	60	52	44	35	59	48
Jun-20	58	42.1	61	49	46	39	62	55
Jul-20	57	45	63	53	52	42	63	53
Aug-20	54	43	58	49	53	43	64	57
Sep-20	55	42.8	59	42	54	41	68	55

4. Work zone Noise Level Monitoring Data:-

Noise Level (Leq-dB(A) (Period Apr 2020 to Sep 2020)

Location	Apr'20	May'20	June'20	July'20	Aug'20	Sept'20
Boiler I & II of SPP	55.3	69.2	70.1	69.7	70.3	70.5
Turbine house of SPP	58.2	75.9	76.3	75.8	76.7	74.8
Compressor House of SMP*	60	76.3	76.9	77.3	76.9	77.2
Boiler I & II of SMP*	61.1	71.5	72.4	71.9	71.3	70.9
Turbine house of SMP*	48.3	74.8	76.7	76.3	75.9	75.1

SHREE CEMENT LTD.



REPORT ON
HYDROGEOLOGICAL STUDIES, GROUND WATER RESOURCES EVALUATION AND RAINWATER HARVESTING SYSTEM FOR AUGUMENTATION OF GROUND WATER

NEAR VILLAGE ANDHERI DEORI, BLOCK

(Year 2019)

BY

ASSOCIATE ENGINEERS AND CONSULTANTS
4/8 Malviya Nagar, Jaipur- 302017; Phone: 0141-4116394, 9414072208;
Email: gupta_pavan68@hotmail.com, aecgeohydro@gmail.com
Website: www.aecgeohydro.com

Contact : +91 - 9810243870

EKO PRO

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9711159427, SMS/Whatsapp No. : 9711163422; E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Stack Emission Analysis

Test Report No : EKO/EV-SE/113/060419 **Issue Date : 11/04/2019**

Issued To : Shree Cement Ltd.
Village - Andheri Deori
Tehsil - Masuda
Distt. - Ajmer (Raj)

Sample Description	: Stack Emission
Sample Drawn on	: 04/04/2019
Sample Drawn By	: EPEPL (Mr. K K Mishra)
Sample Received on	: 06/04/2019
Time of Sampling (Minutes)	: 30
Sampling Plan & Procedure	: SOP-SE/09
Analysis Duration	: 06/04/2019 To 10/04/2019
Source of Emission	: Boiler -1 (495 TPH)
Capacity	: 150 MW
Operating Load	: Normal
Normal Operation Schedule	: As per requirement
Type of Stack	: –
Diameter of Stack (meter)	: 3.52
Height of Stack from Ground Level (meter)	: 220.0
Height of Stack from Roof Level (meter)	: –
Height of Sampling Location (meter)	: –
Type of Fuel Used	: Indian & Imported Coal
Fuel Consumed per Hour	: –
Ambient Temperature (deg.C)	: 34.0
Stack Temperature (deg.C)	: 130.0
Average Velocity of Flue Emission (m/sec)	: 12.8
Average Flow Rate (lpm)	: 21.5
Control Measures (if any)	: ESP
Remark (if any)	: Monitiring Photograph showing coordinate an enclosure Annexure-1

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	RESULT (CEMS)	UNIT	Limits as per EPA*
1	Particulate Matter (PM)	IS :11255 (P-1)	30.4	33.0	mg/Nm^3	50.0
2	Sulphur Dioxide (as SO2)	IS :11255 (P-2)	352.9	346.0	mg/Nm^3	600.0
3	Oxides of Nitrogen (as Nox)	IS :11255 (P-7)	39.4	35.0	mg/Nm^3	300.0
4	Mercury (as Hg)	IS :11255 (P-7)	<0.0001	–	mg/Nm^3	0.03
5	Absolute Pressure	IS :11255 (P-1)	711.36	–	mmHg	–
6	Moisture Content	IS :11255 (P-1)	16.5	–	%	–

** End of Report **

*** Details as per CPCB Guidelines.**

Notes :

1. The results given above are related to the tested sample, for various parameters, as observed at the time of sampling. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after two weeks from the date of issued of test report, unless until specified by the customer.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

For EKO PRO ENGINEERS PVT. LTD.

EKO PRO ENGINEERS PVT. LTD. GHAZIABAD

Authorized Signatory

Contact : +91 - 9810243870

EKO PRO

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA,
Contact No. : 9711159210, 9711159427, SMS/Whatsapp No. : 9711163422; E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Stack Emission Analysis

Test Report No : EKO/EV-SE/114/060419 **Issue Date : 11/04/2019**

Issued To : Shree Cement Ltd.
Village - Andheri Deori
Tehsil - Masuda
Distt. - Ajmer (Raj)

Sample Description	: Stack Emission
Sample Drawn on	: 04/04/2019
Sample Drawn By	: EPEPL (Mr. K K Mishra)
Sample Received on	: 06/04/2019
Time of Sampling (Minutes)	: 30
Sampling Plan & Procedure	: SOP-SE/09
Analysis Duration	: 06/04/2019 To 10/04/2019
Source of Emission	: Boiler -2 (495 TPH)
Capacity	: 150 MW
Operating Load	: Normal
Normal Operation Schedule	: As per requirement
Type of Stack	: –
Diameter of Stack (meter)	: 3.52
Height of Stack from Ground Level (meter)	: 220.0
Height of Stack from Roof Level (meter)	: –
Height of Sampling Location (meter)	: –
Type of Fuel Used	: Indian & Imported Coal
Fuel Consumed per Hour	: –
Ambient Temperature (deg.C)	: 34.0
Stack Temperature (deg.C)	: 125.0
Average Velocity of Flue Emission (m/sec)	: 12.5
Average Flow Rate (lpm)	: 22.6
Control Measures (if any)	: ESP
Remark (if any)	: Monitoring Photograph showing coordinate an enclosure Annexure-1

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	RESULT (CEMS)	UNIT	Limits as per EPA*
1	Particulate Matter (PM)	IS :11255 (P-1)	35.4	36.0	mg/Nm^3	50.0
2	Sulphur Dioxide (as SO2)	IS :11255 (P-2)	431.9	436.0	mg/Nm^3	600.0
3	Oxides of Nitrogen (as Nox)	IS :11255 (P-7)	75.4	72.0	mg/Nm^3	300.0
4	Mercury (as Hg)	IS :11255 (P-7)	<0.0001	—	mg/Nm^3	0.03
5	Absolute Pressure	IS :11255 (P-1)	712.65	–	mmHg	–
6	Moisture Content	IS :11255 (P-1)	16.9	–	%	–

* Details as per CPCB Guidelines.

** End of Report **

Notes :

1. The results given above are related to the tested sample, for various parameters, as observed at the time of sampling. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after two weeks from the date of issued of test report, unless until specified by the customer.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

For EKO PRO ENGINEERS PVT. LTD.
GHAZIABAD
Authorized Signatory

EKO PRO ENGINEERS PVT. LTD. GHAZIABAD SAVE THE ENVIRONMENT

Contact : +91 - 9810243870

EKO PRO

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9711159427, SMS/Whatsapp No. : 9711163422, E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Stack Emission Analysis

Test Report No : EKO/EV-SE/106/010519 — **Issue Date : 06/05/2019**

Issued To : Shree Cement Ltd.
Village - Andheri Deori
Tehsil - Masuda
Distt. - Ajmer (Raj)

Sample Description	: Stack Emission
Sample Drawn on	: 30/04/2019
Sample Drawn By	: EPEPL (Mr. KK Mishra)
Sample Received on	: 01/05/2019
Time of Sampling (Minutes)	: 30
Sampling Plan & Procedure	: SOP-SE/09
Analysis Duration	: 01/05/2019 To 04/05/2019
Source of Emission	: Boiler (2 X 100 TPH)
Capacity	: 22 MW X 2
Operating Load	: Normal
Normal Operation Schedule	: As per requirement
Type of Stack	: –
Diameter of Stack (meter)	: 4.45
Height of Stack from Ground Level (meter)	: 80.0
Height of Stack from Roof Level (meter)	: –
Height of Sampling Location (meter)	: –
Type of Fuel Used	: Indian & Imported Coal
Fuel Consumed per Hour	: –
Ambient Temperature (deg.C)	: 36.0
Stack Temperature (deg.C)	: 110.0
Average Velocity of Flue Emission (m/sec)	: 12.5
Average Flow Rate (lpm)	: 21.5
Control Measures (if any)	: ESP
Remark (if any)	: Monitiring Photograph showing coordinate an enclosure Annexure-1

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	RESULT (CEMS)	UNIT	Limits as per EPA*
1	Particulate Matter (PM)	IS :11255 (P-1)	18.2	19.0	mg/Nm^3	100.0
2	Sulphur Dioxide (as SO2)	IS :11255 (P-2)	124.8	123.0	mg/Nm^3	600.0
3	Oxides of Nitrogen (as Nox)	IS :11255 (P-7)	25.8	24.0	mg/Nm^3	600.0
4	Mercury (as Hg)	IS :11255 (P-7)	<0.0001	—	mg/Nm^3	0.03
5	Absolute Pressure	IS :11255 (P-1)	710.36	–	mmHg	–
6	Moisture Content	IS :11255 (P-1)	16.8	–	%	–

* * End of Report * *

*** Details as per CPCB Guidelines.**

Notes :

1. The results given above are related to the tested sample, for various parameters, as observed at the time of sampling. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after two weeks from the date of issuud of test report, unless until specified by the customer.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

For EKO PRO ENGINEERS PVT. LTD.
EKO PRO ENGINEERS PVT. LTD. GHAZIABAD SAVE THE ENVIRONMENT
Authorized Signatory

EKO PRO

Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9711159427, SMS/Whatsapp No. : 9711163422; E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Ambient Air Quality Monitoring

Test Report No. : EKO/150/080720 **Issue Date : 13/07/2020**

Issued To : SHREE CEMENT LTD.
Village - Andheri Deori
Tehsil - Masuda
District - Ajmer (Raj.)

Sample Description	: Ambient Air Monitoring Report
Sample Drawn on	: 06/07/2020 To 07/07/2020
Sample Drawn by	: EPEPL (Mr. K.K Mishra)
Sample Received on	: 08/07/2020
Sampling Location	: Plant Boundary Towards Main Gate
Sampling Time	: 24.0 Hrs.
Sampling Plan & Procedure	: SOP-AAQ/15
Analysis Duration	: 08/07/2020 To 13/07/2020
Ambient Temperature (°C)	: 28.0
Average Flow Rate of SPM (m^3/min.)	: 1.1
Average Flow Rate of Gases (lpm)	: 1.0
Weather Conditions	: Clear
Remark (if any)	: NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per CPCB Notification, 18th Nov 2009
1	Particulate Matter (PM10)	IS: 5182 (P-23)	58.4	$\mu g/m^3$	100.0
2	Particulate Matter (PM2.5)	EK0/CHEM/SOP/AAQ-01	37.2	$\mu g/m^3$	60.0
3	Sulphur Dioxide (as SO_2)	IS: 5182 (P-2)	9.28	$\mu g/m^3$	80.0
4	Nitrogen Dioxide (as NO_2)	IS: 5182 (P-6)	15.9	$\mu g/m^3$	80.0
5	Arsenic (as As)	EK0/CHEM/SOP/AAQ-02	<0.1	ng/m^3	6.0
6	Mercury (as Hg)	EKO/CHEM/SOP/FL-082	<0.1	$\mu g/m^3$	-

Notes :

1. The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

**** End of Report ****

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA CHAUHAN
TECHNICAL MANAGER
(Authorised Signatory)

EKO PRO

Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9711159427, SMS/Whatsapp No. : 9711163422; E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Ambient Air Quality Monitoring

Test Report No. : EKO/149/080720 **Issue Date : 13/07/2020**

Issued To : SHREE CEMENT LTD.
Village - Andheri Deori
Tehsil - Masuda
District - Ajmer (Raj.)

Sample Description	:	Ambient Air Monitoring Report
Sample Drawn on	:	06/07/2020 To 07/07/2020
Sample Drawn by	:	EPEPL (Mr. K.K Mishra)
Sample Received on	:	08/07/2020
Sampling Location	:	Plant Boundary Towards Power Village Sarakana
Sampling Time	:	24.0 Hrs.
Sampling Plan & Procedure	:	SOP-AAQ/15
Analysis Duration	:	08/07/2020 To 13/07/2020
Ambient Temperature (°C)	:	28.0
Average Flow Rate of SPM (m^3/min.)	:	1.1
Average Flow Rate of Gases (lpm)	:	1.0
Weather Conditions	:	Clear
Remark (if any)	:	NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per CPCB Notification, 18th Nov 2009
1	Particulate Matter (PM10)	IS: 5182 (P-23)	56.3	$\mu g/m^3$	100.0
2	Particulate Matter (PM2.5)	EK0/CHEM/SOP/AAQ-01	35.9	$\mu g/m^3$	60.0
3	Sulphur Dioxide (as SO_2)	IS: 5182 (P-2)	9.16	$\mu g/m^3$	80.0
4	Nitrogen Dioxide (as NO_2)	IS: 5182 (P-6)	16.7	$\mu g/m^3$	80.0
5	Arsenic (as As)	EK0/CHEM/SOP/AAQ-02	<0.1	ng/m^3	6.0
6	Mercury (as Hg)	EKO/CHEM/SOP/FL-082	<0.1	$\mu g/m^3$	-

Notes :

1. The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

**** End of Report ****

For EKO PRO ENGINEERS PVT. LTD.

EKO PRO ENGINEERS PVT. LTD. GHAZIABAD SAVE THE ENVIRONMENT

PURNIMA CHAUHAN
TECHNICAL MANAGER
(Authorised Signatory)

Contact : +91 - 9810243870

EKO PRO

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9711159427, SMS/Whatsapp No. : 9711163422; E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Ambient Air Quality Monitoring

Test Report No. : EKO/151/080720 **Issue Date : 13/07/2020**

Issued To : SHREE CEMENT LTD.
Village - Andheri Deori
Tehsil - Masuda
District - Ajmer (Raj.)

Sample Description	:	Ambient Air Monitoring Report
Sample Drawn on	:	06/07/2020 To 07/07/2020
Sample Drawn by	:	EPEPL (Mr. K.K Mishra)
Sample Received on	:	08/07/2020
Sampling Location	:	Plant Boundary Near Residental Colony
Sampling Time	:	24.0 Hrs.
Sampling Plan & Procedure	:	SOP-AAQ/15
Analysis Duration	:	08/07/2020 To 13/07/2020
Ambient Temperature (°C)	:	28.0
Average Flow Rate of SPM (m^3/min.)	:	1.1
Average Flow Rate of Gases (lpm)	:	1.0
Weather Conditions	:	Clear
Remark (if any)	:	NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per CPCB Notification, 18th Nov 2009
1	Particulate Matter (PM10)	IS: 5182 (P-23)	37.9	$\mu g/m^3$	100.0
2	Particulate Matter (PM2.5)	EK0/CHEM/SOP/AAQ-01	32.6	$\mu g/m^3$	60.0
3	Sulphur Dioxide (as SO_2)	IS: 5182 (P-2)	5.20	$\mu g/m^3$	80.0
4	Nitrogen Dioxide (as NO_2)	IS: 5182 (P-6)	7.9	$\mu g/m^3$	80.0
5	Arsenic (as As)	EK0/CHEM/SOP/AAQ-02	<0.1	ng/m^3	6.0
6	Mercury (as Hg)	EKO/CHEM/SOP/FL-082	<0.1	$\mu g/m^3$	-

otes :

1. The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

**** End of Report ****

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA CHAUHAN
TECHNICAL MANAGER
(Authorised Signatory)

EKO PRO

Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9711159427, SMS/Whatsapp No. : 9711163422; E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Ambient Air Quality Monitoring

Test Report No. : EKO/148/080720 **Issue Date : 13/07/2020**

Issued To : SHREE CEMENT LTD.
Village - Andheri Deori
Tehsil - Masuda
District - Ajmer (Raj.)

Sample Description	:	Ambient Air Monitoring Report
Sample Drawn on	:	06/07/2020 To 07/07/2020
Sample Drawn by	:	EPEPL (Mr. K.K Mishra)
Sample Received on	:	08/07/2020
Sampling Location	:	Plant Boundary Towards Power Plant
Sampling Time	:	24.0 Hrs.
Sampling Plan & Procedure	:	SOP-AAQ/15
Analysis Duration	:	08/07/2020 To 13/07/2020
Ambient Temperature (°C)	:	28.0
Average Flow Rate of SPM (m^3/min.)	:	1.1
Average Flow Rate of Gases (lpm)	:	1.0
Weather Conditions	:	Clear
Remark (if any)	:	NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per CPCB Notification, 18th Nov 2009
1	Particulate Matter (PM10)	IS: 5182 (P-23)	58.2	$\mu g/m^3$	100.0
2	Particulate Matter (PM2.5)	EK0/CHEM/SOP/AAQ-01	36.3	$\mu g/m^3$	60.0
3	Sulphur Dioxide (as SO_2)	IS: 5182 (P-2)	8.24	$\mu g/m^3$	80.0
4	Nitrogen Dioxide (as NO_2)	IS: 5182 (P-6)	17.5	$\mu g/m^3$	80.0
5	Arsenic (as As)	EK0/CHEM/SOP/AAQ-02	<0.1	ng/m^3	6.0
6	Mercury (as Hg)	EKO/CHEM/SOP/FL-082	<0.1	$\mu g/m^3$	-

Notes :

1. The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

** End of Report **

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA CHAUHAN
TECHNICAL MANAGER
(Authorised Signatory)

EKO PRO

Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory

(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9711159427, SMS/Whatsapp No. : 9711163422; E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Sample Analysis

Test Report No. : EKO/159/080720 **Issue Date : 13/07/2020**

Issued To : SHREE CEMENT LTD
Village - Andheri Deori
Tehsil - Masuda
Distt. - Ajmer (Raj.)

Sample Description	:	Bottom Ash
Sample Drawn on	:	07/07/2020
Sample Drawn by	:	EPEPL (Mr. K.K Mishra)
Sample Received on	:	08/07/2020
Sampling Location	:	Inside Plant
Sampling Plan & Procedure	:	SOP-S/50
Sample Quantity	:	1.0 kg
Analysis Duration	:	08/07/2020 To 13/07/2020
Remark (if any)	:	NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units
1	Chromium Total (as Cr)	ICP-MS	2.68	mg/kg
2	Lead (as Pb)	ICP-MS	1.94	mg/kg
3	Mercury (as Hg)	ICP-MS	<0.01	mg/kg
4	Arsenic (as As)	ICP-MS	0.32	mg/kg

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
PURNIMA CHAUHAN
TECHNICAL MANAGER
(Authorised Signatory)

EKO PRO

Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9711159427, SMS/Whatsapp No. : 9711163422; E-mail : email@ekopro.in, ekoproengineers@gmail.com; website : www.ekopro.in

TEST REPORT

Sample Analysis

Test Report No. : EKO/161/080720 **Issue Date : 13/07/2020**

Issued To : SHREE CEMENT LTD
Village - Andheri Deori
Tehsil - Masuda
Distt. - Ajmer (Raj.)

Sample Description	:	Fly Ash
Sample Drawn on	:	07/07/2020
Sample Drawn by	:	EPEPL (Mr. K.K Mishra)
Sample Received on	:	08/07/2020
Sampling Location	:	Inside Plant
Sampling Plan & Procedure	:	SOP-S/50
Sample Quantity	:	1.0 kg
Analysis Duration	:	08/07/2020 To 13/07/2020
Remark (if any)	:	NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units
1	Chromium Total (as Cr)	ICP-MS	1.86	mg/kg
2	Lead (as Pb)	ICP-MS	0.92	mg/kg
3	Mercury (as Hg)	ICP-MS	<0.01	mg/kg
4	Arsenic (as As)	ICP-MS	0.28	mg/kg

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
(PURNIMA CHAUHAN)
TECHNICAL MANAGER
(Authorised Signatory)

EKO PRO

Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9711159427, SMS/Whatsapp No. : 9711163422; E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Sample Analysis

Test Report No. : EKO/160/080720 **Issue Date : 13/07/2020**

Issued To : SHREE CEMENT LTD
Village - Andheri Deori
Tehsil - Masuda
Distt. - Ajmer (Raj.)

Sample Description	:	Coal Sample
Sample Drawn on	:	07/07/2020
Sample Drawn by	:	EPEPL (Mr. K.K Mishra)
Sample Received on	:	08/07/2020
Sampling Location	:	Inside Plant
Sampling Plan & Procedure	:	SOP-S/50
Sample Quantity	:	1.0 kg
Analysis Duration	:	08/07/2020 To 13/07/2020
Remark (if any)	:	NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units
1	Moisture Content	IS: 1350 (P-1)	4.28	%
2	Total Sulphur	IS: 1350 (P-3)	0.64	%
3	Chromium Total (as Cr)	ICP-MS	6.28	mg/kg
4	Lead (as Pb)	ICP-MS	3.92	mg/kg
5	Mercury (as Hg)	ICP-MS	<0.01	mg/kg
6	Vanadium (as V)	ICP-MS	142.6	mg/kg
7	Arsenic (as As)	ICP-MS	<0.1	mg/kg
8	Volatile Matter	IS: 1350 (P-1)	22.7	%
9	Ash Content	IS: 1350 (P-1)	13.9	%

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
5. Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
PURNIMA CHAUHAN
TECHNICAL MANAGER
(Authorised Signatory)

S.N	Location	Plantation till March,2020	Tree planted in July,20	Tree planted in Aug,20	Tree planted in Sep,20	Total
1	SMP	228280	0	0	0	0
2	SP		0	0	0	0
3	PLANT		10	0	0	10
4	COLONY		111	0	0	111
Total Plantation Nos.(Upto Sep,20)						228401