

Regd. A.D.

28<sup>th</sup> May, 2021

UCWL/ENV&SUST /2021-22/2631

**The Dy. Director Scientist –“C”**

Ministry of Environment, Forest and Climate Change,  
Regional Officer , Aranya Bhawan, II<sup>nd</sup> Floor,  
Jaipur 302004

**Sub:** Submission of six monthly compliance report of conditions of Environmental Clearance by M/s Udaipur Cement Works Ltd situated at Village- Shripatinagar, Tehsil- Mavli, Dist-Udaipur

**Ref:** Udaipur Cement Works Limited (UCWL) Environmental Clearance F. No.: J-11011/807/2007 IA.II (I) dated 09/01/2008

Extension of validity of Environmental Clearance upto 07/10/2018 vide ministry's letter no.:J 1011/807/2007-IA(I) dated 30th December, 2013.

Dear Sir,

With reference to the aforesaid subject, please find enclosed herewith the **six monthly (Second half yearly) Environmental Clearance compliance reports** for the period of **Oct- 2020 to March 2021** of Integrated Cement Manufacturing Plant- M/s Udaipur Cement Work Limited, Shripati Nagar, CFA-Dabok, PIN-313022.

As per MoEF&CC Notification S.O.-585 dated 16.11.2018, we are submitting soft copy of the report along with all supporting document to your good office through E-Mail- [iro.jaipur-mefcc@gov.in](mailto:iro.jaipur-mefcc@gov.in).

Hope you find the above in line with the requirement. This is for your kind record, please.

Thanking you,

Yours faithfully,  
For UDAIPUR CEMENT WORKS LTD.,

  
**P. K. Chouhan**  
(General Manager – QC)

Encl: As Above

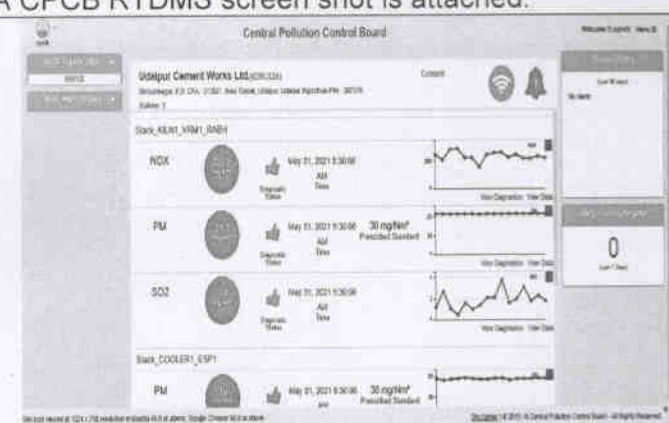
CC:

- 1. The Member Secretary, Rajasthan State Pollution Control Board,- 4, Paryavaran Marg, Institutional Area, Jhalana Doongari, Jaipur, Rajasthan- 312004**
- 2. Regional Officer, RSPCB-Udaipur- F-470, Near UCCI Bhavan, Madri Industrial Area, Udaipur (Rajasthan) - 313001**

**ENVIRONMENT CLEARANCE COMPLIANCE REPORT- CEMENT PLANT  
(Oct 20 to March.-21)**

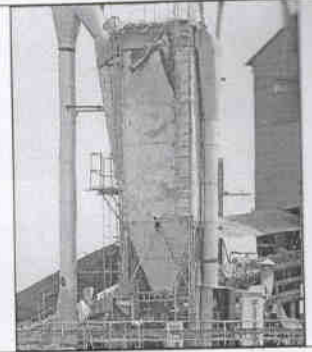
|                       |  |
|-----------------------|--|
| Name of Project       | M/s Udaipur Cement Work Limited, Shri Pati Nagar, PO-CFA, Dabok-313022, District- Udaipur, Rajasthan |
| EC Letter No.-        | J-11011/807/2007-IA -II (I) dated 09/01/2008   |
| Extension of validity | J-1011/807/2007-IA(I) dated 30th December, 2013  |
| Compliance Period     | Second Half Yearly (Oct 20 to March.-21) Page 1 of 11  |

**SPECIFIC CONDITIONS:**

| S.No | CONDITIONS   | COMPLIANCE STATUS  |
|------|--|--|
| 1    | Continuous on-line stack monitoring facilities for all the stacks and adequate air pollution control systems shall be provided to keep emissions levels below 50 mg/Nm <sup>3</sup> by installing adequate air pollution control system. On-line monitoring data shall be submitted to the Regional Office of the Ministry at Lucknow, RSPCB and CPCB regularly.   | <p>Udaipur Cement Works Limited (UCWL) has installed Online Continuous emissions monitoring system (OCEMS) at all the process stacks and RTDMS data (PM, So<sub>2</sub> &amp; Nox ) has connected with RTDMS portal of Central Pollution Control Board (CPCB) and Rajasthan State Pollution Control Board (RSPCB) through dedicated servers (<a href="http://rtdms.cpcb.gov.in/select-industry/industry-status">http://rtdms.cpcb.gov.in/select-industry/industry-status</a>) &amp; <a href="http://rspcboms.environment.rajasthan.gov.in/rspcb/main">http://rspcboms.environment.rajasthan.gov.in/rspcb/main</a> according to revised CEMS guideline-Aug 18</p> <p>Unit has installed latest art of technology pollution control equipment like Reverse Air Bag house (RABH) Bag House, Electrostatic precipitator (ESP) and Bags filters to keep the emission level below prescribed standards of 30 mg/Nm<sup>3</sup>.</p> <p>A CPCB RTDMS screen shot is attached.</p>  <p align="center"><b>CPCB RTDMS Portal</b></p> |
| 2    | The company shall install adequate dust collection and extraction system to control fugitive dust emissions at material transfer points by concerning/asphalting the roads, providing atomized water spray system with reclaimers, covered stock pile for clinker storage and gypsum, storage of fly ash in silo, water sprinkling at limestone and coal handling area. Storage of other raw materials shall be in closed roof | <p>UCWL have already been provided adequate bag filters to control fugitive dust emissions at various material transfer points. Area and roads inside the plant premises are Paved, Water sprinkling is being done at stacker and reclaimers. UCWL always ensures that raw materials are being stored under closed roof /sheds only. Covered conveyor belts have been provided to reduce fugitive emissions. water spray system at coal hopper area is also provided .<br/>(Please see the photographs)-</p>   |

**ENVIRONMENT CLEARANCE COMPLIANCE REPORT- CEMENT PLANT**  
(Apr-2020 to September-2020)

sheds. Covered conveyer belts shall be used to reduce fugitive emissions.



**Pollution Controls Devices-Bag Filters**



**Paved/Concrete Road ( Inside Plant-Premises)**



**Covered Silo-Clinker, Cement & Flyash**



**Water Sprinkling through Water Tankers**



**Closed Conveyor Belts**



3

Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by CPCB in this regard shall be followed.




Code of Practice issued by CPCB for control of fugitive emissions are regularly being followed by UCWL to control secondary fugitive emissions.

## ENVIRONMENT CLEARANCE COMPLIANCE REPORT- CEMENT PLANT

(Apr-2020 to September-2020)

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| 4 | <p>Total water requirement from mine pit and bore well shall not exceed 2850 m<sup>3</sup>/day and prior permission from the State Ground Water Board/Central Ground Water Authority shall be obtained. All the treated waste water shall be recycled and reused in the process and other plant related activities i.e. cooling etc. Domestic effluent shall be treated in Sewage Treatment Plant (STP) and used for green belt development and dust suppression. 'Zero' discharge shall be strictly adopted and no effluent from the process shall be discharged outside the premises.</p> | <p>Complying with. Udaipur Cement Works Ltd. (UCWL) meets its maximum water requirement through Mines pits (rain harvested water) &amp; as per requirement basis consume ground water for which is under the approved quantity i.e 2850 m<sup>3</sup> /day, for which to monitor quantity, water meter has been installed at all abstracting structure and data is maintain in log book on daily basis.</p> <p>Unit has obtained NOC for ground water withdrawal vide letter no. 21-4(211)/WR/CGWA/2007-21 dated July 04, 2008 which is renewed from CGWA vide letter no.21-4(211)/WR/CGWA/ 2007-626 dated 22/04/2016 &amp; further Renewal Application has already been submitted to CGWB/A vide application number UCWL/ENV&amp;SUST/CGWA/1308 &amp; the same is under consideration at CGWA Delhi.</p> <p>The Cement Plant based on "Dry process technology", hence there is no effluent/waste water generation from cement plant process. The water only used for cooling &amp; spraying purpose, which is being recirculate/ recycled back into the system.</p> <p>Domestic effluent is being treated in Sewage Treatment Plant (STP) and treated water is being used for green belt development. A treated water quality report is attached as <b>Annexure-A</b></p> |
|   |   | <div style="display: flex; justify-content: space-around;">   </div> <p style="text-align: center;">STP-250 KLD</p>   |
| 5 | <p>'Permission' for withdrawal of 2850 m<sup>3</sup>/day from bore wells shall be obtained from SGWB / CGWA / concerned Department.</p>   | <p>Complying with. Udaipur Cement Works Ltd. (UCWL) has obtained NOC for ground water withdrawal vide letter no. 21-4(211)/WR/CGWA/2007-21 dated July 04, 2008 which is renewed from CGWA vide letter no.21-4(211)/WR/CGWA/ 2007-626 dated 22/04/2016 &amp; further Renewal Application has already been submitted to CGWB/A vide application number UCWL/ENV&amp;SUST/CGWA/1308 &amp; the same is under consideration at CGWA Delhi.</p>  |
| 6 | <p>Efforts shall be made to collect maximum fly ash from nearby Thermal Power Plants and use in the cement manufacturing. Fly ash shall be stored in ash silo. All the fly ash and dust generated from air pollution control equipment's shall be properly recycled and re utilized in the cement plant itself. STP sludge shall be used as manure for green belt development within the premises. Used oil shall be sold to the authorized recyclers / re-processors.</p>  | <p>Complying with. Fly ash is being sourced from nearby Thermal Power Plants for cement (PPC) manufacturing. Dry fly ash is transported through closed bulkers and stored in fully closed weather proof fly ash silo which is equipped with bag filters. Dust generated/collected by air pollution control equipment is being properly recycled ensuring that dust from pollution control equipment is re-utilized into the plant. Sludge generated from STP is being utilize as manure for green belt development. Used oil is being disposed/sold to authorize recyclers only @ M/s Bharat Petro Oil, Ajmer ( Authorized from RSPCB)</p>   |

**ENVIRONMENT CLEARANCE COMPLIANCE REPORT- CEMENT PLANT**  
(Apr-2020 to September-2020)

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| 7  | <p>Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land</p>   | <p>UCWL has already been taken corrective measures to reduce impact raised due to transportation.</p> <ul style="list-style-type: none"> <li>We ensures that raw materials and finished products transported only through fully covered trucks/tiplers/bulkers.</li> <li>Internal transport roads have been paved to control fugitive emissions during vehicular movements. Greenbelt has been developed along the roads.</li> <li>The closed bulkers are also being used for transportation of fly ash from outside sources and unloading is being done by the pneumatic system directly into the fly ash silo</li> <li>Vehicle speed in Raw material storage area limited up to Max. 10 km/hr</li> </ul> |   |
|    |   |    |  |
|    |   |   | <p>Tarpaulin covered Trucks</p>   |
| 8  | <p>High calorific hazardous waste shall be used as fuel in the cement kiln. Accordingly, provision shall be made in the kiln.</p>   | <p>Agreed with. UCWL are using/co-processing permitted hazardous/ nonhazardous waste in our cement kiln. The necessary provisions have been done for the utilization of hazardous/non-hazardous waste. The Chemical Gypsum is being used as alternative raw material. The Waste Mix Liquid is being used as co-fuel in cement kiln. We have obtained the necessary permission/authorization from RSPCB/CPCB for the same.</p>  |   |
| 9  | <p>As proposed green belt shall be developed in 53.41 ha. (33%) out of total 161.87 ha. land within and around the project site as per the CPCB guidelines in consultation with local DFO.</p>  | <p>Noted, Greenbelt development is our ongoing process. At present approx. 58 ha. (36.10 %) area is covered under green belt out of total 161.87 ha of plant &amp; colony area. The survival rate is approx. 60%.</p>  |   |
| 10 | <p>'Permission' and recommendation of the State Forest Department regarding impact of proposed plant on surrounding reserve forests viz. Kantia P.F. (7 km SW), Panwari R.F. (9 km, SSW), Bara Mangra R.F. (9 km, SW), Nahar Mangra R.F. (2 km, ENE) shall be obtained and implemented.</p> | <p>The recommendation of the State Forest Department has been obtained by the DFO Udaipur office vide letter no.-एफ ( ) सर्वे / उ व स-उत्तर/2019-20 / 4564 on dated- 2/8/2019.</p>   |   |

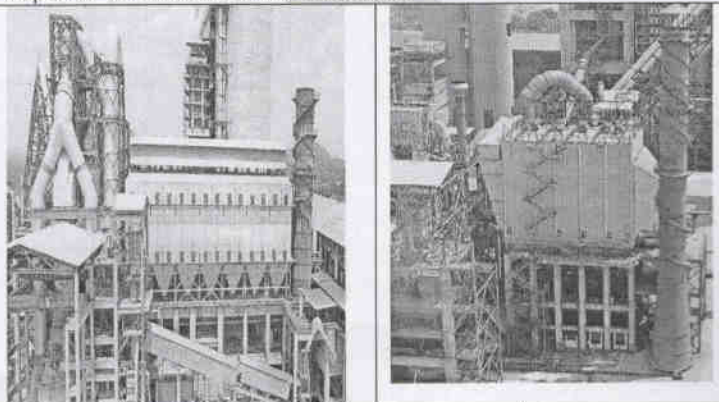
**ENVIRONMENT CLEARANCE COMPLIANCE REPORT- CEMENT PLANT**  
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**GENERAL CONDITIONS:**

|   |  |   |
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| 1 | The project authority shall adhere to the stipulations made by Rajasthan State Pollution Control Board (RSPCB) and State Government. | Noted. Stipulations made by Rajasthan State Pollution Control Board (RSPCB) and State Government are being followed by UCWL.<br><br>In this regard unit has taken CTO under Water & Air Acts was issued vide HO letter no. F(CPM)/Udaipur(Girwa)/9(1)/2013-2014/5784-5786 Dated-11/03/2020 for the period from 01.12.2019 to 30.11.2024 for Cement @ 2.85 MMTPA and Clinker @ 2.0 MMTP. |
|---|--|---|

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| 2 | No further expansion or modification of the plant shall be carried out without prior approval of this Ministry. | Noted. UCWL ensures that no further expansion or modification if the plant will be carried out without prior approval of the Ministry. |
|---|---|--|

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| 3 | The gaseous and particulate matter emissions from various units shall conform to the standards prescribed by the RSPCB. At no time, particulate emissions from the cement plant including kiln, coal mill, cement mill, cooler shall be exceeded beyond the permissible limit. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically. | We have taken appropriate action to maintain the emission level as per the applicable notified standards issued for cement plant by the notification 25/8/2014. For the control of gaseous emissions, provided low NOx burners at cement kiln & installed pollution control devices ( Bag House/Bag filters/ ESP) to keep the particulate emission within the prescribed norms. & particulate matter emissions from various stack of the plant are well within the norms. UCWL has provided interlocking facility of the pollution control equipment with the operating process sections. UCWL<br><br>The Stack Emission measured value monitored by NABL approved lab is mentioned below.(Feb- 21) reports is attached in Annexure-B |
|---|--|---|

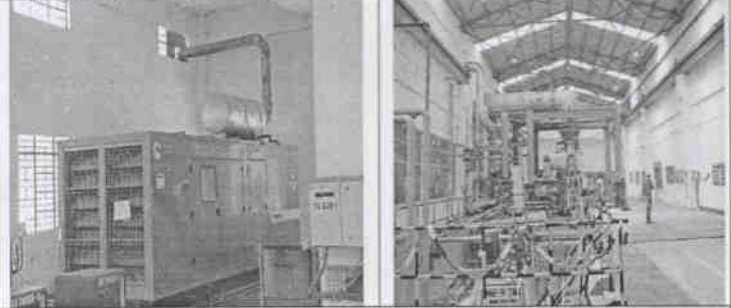

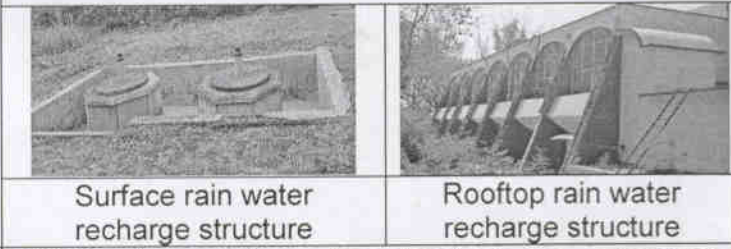


| SN | Name of Stacks | VRM-Kiln Stack PM ( Mg/Nm3) | VCM PM ( Mg/Nm3) | Cooler Stack PM ( Mg/Nm3) | CM-I PM ( Mg/Nm3) | CM-II PM ( Mg/Nm3) |
|----|----------------|-----------------------------|------------------|---------------------------|-------------------|--------------------|
| 1  | Results        | 12.15                       | 14.52            | 22.19                     | 11.64             | 10.97              |

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|   |   |   |                         |   |              |                         |                     |
|---|---|---|-------------------------|---|--------------|-------------------------|---------------------|
| 4 | <p>Ambient air quality including ambient noise levels shall not exceed the standards stipulated under EPA or by the State Authorities. At least four ambient air quality monitoring stations shall be established in the down wind direction as well as where maximum ground level concentration of SPM, SO<sub>2</sub> and NO<sub>x</sub> are anticipated in consultation with the RSPCB. Data on ambient air quality and stack emissions shall be regularly submitted to this Ministry including its Regional Office at Lucknow, RSPCB and CPCB once in six months. The instruments used for ambient air quality monitoring shall be calibrated time to time.</p> |   |                         | <p>Ambient air quality including ambient noise levels are within the prescribed limit.</p> <p>As per NAAQMS-2009 , periodic monitoring from recognized NABL laboratories of Ambient air quality is being done at various identified locations and the data is regularly provided to the concerned authorities as part of compliance or other communications. The AQM-equipment used for Ambient Air Quality Monitoring are calibrated from time to time. ( Certificate is displayed as below.</p> <p><b>The Air Quality monitored by NABL Lab during Feb-2021 is mentioned below &amp; attached in Annexure-C</b></p> |              |                         |                     |
|   | SN  | Name of Pollutants                              | Standard as NAAQMS-2009 | Near Loco Shed.   | ADM Building | Plant Boundary- Near PP | Near Ram Dev Temple |
|   | 1   | PM10 (Particulate Matter Size less than 10µm)   | 100 µg/m <sup>3</sup>   | 75.6  | 66.7         | 79.0                    | 75.2                |
|   | 2   | PM2.5 (Particulate Matter size less than 2.5µm) | 60 µg/m <sup>3</sup>    | 35.74   | 35.03        | 39.5                    | 26.7                |
|   | 3   | Sulphur Dioxide (SO <sub>2</sub> )              | 80 µg/m <sup>3</sup>    | 3.41  | 3.1          | 2.63                    | 3.06                |
|   | 4   | Nitrogen Dioxide (NO <sub>2</sub> )             | 80 µg/m <sup>3</sup>    | 13.1  | 11.3         | 10.41                   | 12                  |
|   | 5   | Ozone (O <sub>3</sub> )                         | 100 µg/m <sup>3</sup>   | BDL(<20.0)  | BDL(<20.0)   | BDL(<20.0)              | BDL(<20.0)          |
|   | 6   | Lead (Pb)                                       | 1.0 µg/m <sup>3</sup>   | 0.16  | 0.11         | 0.10                    | 0.15                |
|   | 7   | Carbon Monoxide(CO)                             | 4000 µg/m <sup>3</sup>  | 340   | 270          | 360                     | 360                 |
|   | 8   | Ammonia (NH <sub>3</sub> )                      | 400 µg/m <sup>3</sup>   | BDL(<10.0)  | BDL(<10.0)   | BDL(<10.0)              | BDL(<10.0)          |
|   | 9   | Benzene (C <sub>6</sub> H <sub>6</sub> )        | 05 µg/m <sup>3</sup>    | BDL(<1.0)   | BDL(<1.0)    | BDL(<1.0)               | BDL(<1.0)           |
|   | 10  | Benzo(a) Pyrene (BaP) Particulate phase only,   | 01 ng/m <sup>3</sup>    | BDL(<0.5)   | BDL(<0.5)    | BDL(<0.5)               | BDL(<0.5)           |
|   | 11  | Arsenic (As),                                   | 6 ng/m <sup>3</sup>     | BDL(<2.0)   | BDL(<2.0)    | BDL(<2.0)               | BDL(<2.0)           |
|   | 12  | Nickel (Ni),                                    | 20 ng/m <sup>3</sup>    | 4.61  | 3.41         | 3.55                    | 3.55                |
| 5 | <p>Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.</p>  |   |                         | <p>The Cement Plant based on "Dry process technology", hence there is no effluent/waste water generation from cement plant process. The water only used for cooling &amp; spraying purpose, which is being recirculate/ recycled back into the system</p>   |              |                         |                     |
| 6 | <p>The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1998 viz. 75</p>  |   |                         | <p>Complying with. Adequate noise control measures have been provided including acoustically room for compressor house; covered housing for turbine generators; silencer in cooler fans; Acoustic enclosure for D.G. sets; enclosure for noise generating equipments/ areas etc.</p>  |              |                         |                     |

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(Apr-2020 to September-2020)

|                                       | <p>dBA (day time) and 70 dBA (night time).</p>   |    | <p>The regular checking/maintenance of the machineries are being done to reduce/control noise generation from/at the sources. All the personal protective equipments (i.e. earplug/ear muffs etc) have been provided to the all workers/employees. The Ambient noise level at plant boundary is being monitored by EPA/ NABL Approved Laboratory . The Monitored results is below (July-20) &amp; attached in Annexure-D</p> | <table border="1"> <thead> <tr> <th>Location</th> <th>Day</th> <th>Night</th> </tr> </thead> <tbody> <tr> <td>Near ADM Building</td> <td>60.4</td> <td>53.3</td> </tr> <tr> <td>Packing Plant</td> <td>68.7</td> <td>60.4</td> </tr> <tr> <td>Near Loco Shed</td> <td>63.9</td> <td>53.3</td> </tr> <tr> <td>Near Ram Dev Temple</td> <td>58.6</td> <td>50.8</td> </tr> </tbody> </table> | Location                              | Day | Night | Near ADM Building | 60.4 | 53.3 | Packing Plant | 68.7 | 60.4 | Near Loco Shed | 63.9 | 53.3 | Near Ram Dev Temple | 58.6 | 50.8 |
|---------------------------------------|--|--|--|---|---------------------------------------|-----|-------|-------------------|------|------|---------------|------|------|----------------|------|------|---------------------|------|------|
| Location                              | Day  | Night  |  |   |                                       |     |       |                   |      |      |               |      |      |                |      |      |                     |      |      |
| Near ADM Building                     | 60.4   | 53.3   |  |   |                                       |     |       |                   |      |      |               |      |      |                |      |      |                     |      |      |
| Packing Plant                         | 68.7   | 60.4   |  |   |                                       |     |       |                   |      |      |               |      |      |                |      |      |                     |      |      |
| Near Loco Shed                        | 63.9   | 53.3   |  |   |                                       |     |       |                   |      |      |               |      |      |                |      |      |                     |      |      |
| Near Ram Dev Temple                   | 58.6   | 50.8   |  |   |                                       |     |       |                   |      |      |               |      |      |                |      |      |                     |      |      |
| <p>7</p>                              | <p>Proper housekeeping and adequate occupational health programmes shall be taken up. Occupational Health Surveillance programme shall be done on a regular basis and function and sputum analysis tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.</p> | <p>Good housekeeping is being practiced inside the plant premises. Appropriate PPEs and preventive measures are being used and practiced to avoid direct exposure to dust and noise. Health checkup is being conducting on regular basis as per prescribed intervals. A medical report is Attached in Annexure-E</p> |    |   |                                       |     |       |                   |      |      |               |      |      |                |      |      |                     |      |      |
| <p>8</p>                              | <p>The company shall harvest the rainwater from the roof tops and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water</p>   | <p>UCWL has constructed contour trenches, earthen check dams, recharge pits etc. to harvest the rainwater from the roof tops, open areas and storm drains to recharge the ground water.</p>  |  <table border="1"> <tr> <td align="center">Surface rain water recharge structure</td> <td align="center">Rooftop rain water recharge structure</td> </tr> </table>  | Surface rain water recharge structure   | Rooftop rain water recharge structure |     |       |                   |      |      |               |      |      |                |      |      |                     |      |      |
| Surface rain water recharge structure | Rooftop rain water recharge structure  |  |  |   |                                       |     |       |                   |      |      |               |      |      |                |      |      |                     |      |      |
| <p>9</p>                              | <p>The company shall undertake Eco-development measures including community welfare measures in the</p>  | <p>UCWL has taken Eco-development measures including community welfare measures in the project area viz. tree plantation, supply of water to villagers,</p>  |  |   |                                       |     |       |                   |      |      |               |      |      |                |      |      |                     |      |      |



**ENVIRONMENT CLEARANCE COMPLIANCE REPORT- CEMENT PLANT**  
(Apr-2020 to September-2020)

|   |   |
|---|---|
| <p>project area.</p>  | <p>Medical checkup for villagers and center facility for colony residential as well as nearby villagers etc. Some activity is mentioned below.</p> <ol style="list-style-type: none"> <li><b><u>Inauguration of Skill Development Center:-</u></b><br/>To empower women's, coming from the underprivileged sections living in and around mines &amp; plant area, there were inaugurate 2 nos courses of 03 months viz. (Sewing Machine Operation &amp; Computer learning)</li> <li><b><u>Eye Check- Up Camp:-</u></b> A eye check-up camp in association with Unnati Sansthan was conducted, primarily for the truck drivers, helpers &amp; cleaners at factory premises with objective to provide effective eye care.</li> </ol> <p>-Mask Distribution<br/>-Veterinary Camp</p>   |
| <p>10 All the recommendations of the Corporate Responsibility for Environment Protection (CREP) for cement plants shall be strictly followed.</p> | <p>3. Recommendations of the Corporate Responsibility for Environment Protection (CREP) for cement plants are being followed &amp; complied. Complying with all the applicable recommendations</p> <ol style="list-style-type: none"> <li>The stack emission level within 30 mg/Nm<sup>3</sup> as limits prescribed RSPCB/MoEF.</li> <li>The plant is neither located in critically polluted area nor in urban area.</li> <li>Reverse Air Bag house is provided at raw mill, &amp; pulse jet bag filter with Coal Mill &amp; CM-1 &amp; II &amp; ESP attached with Cooler Stack &amp; the stack emission level within 30 mg/Nm<sup>3</sup> as limits prescribed RSPCB/MoEF</li> <li>Applicable notified load based standards for Particulate Matter is being followed.</li> <li>Gaseous emission is well within the notified standards i.e. 800 mg/Nm<sup>3</sup> for NO<sub>x</sub> and 100 mg/Nm<sup>3</sup> for SO<sub>2</sub>.</li> <li>Fugitive dust emission controlled by providing closed storage silo for clinker, Fly ash, cement and covered shed provided for raw materials (additives) &amp; gypsum, closed conveyor belts and dust collectors provided at all the raw material transfer points.</li> <li>We are utilizing permitted quantity of the petcock as a fuel in the kiln obtained from RPCB for the same.)</li> <li>Opacity monitors installed at all the major</li> </ol> |

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|           |  |  |
|-----------|--|--|
|           |  | <p>stacks of cement plant for continuous monitoring of particulate matter (PM).The Gaseous emission monitoring system installed for monitoring of flue gases i.e. SO<sub>2</sub> &amp; NO<sub>x</sub> in Raw Mill &amp; Kiln stack.</p> <p>9. UCWL is having state of art RABH in VRM.</p> <p>10. The necessary provisions for the utilization of hazardous/non-hazardous waste has done. Waste mixed liquid is being utilized as a alternative as co-fuel in cement kiln.</p> <p>11. Noted</p> <p>12. UCWL is having 6 MW WHRS for co-generation of power &amp; 7.6 MW Solar Power generation (Approx 15% of energy meet from Solar PV Plant</p>  |
| <p>11</p> | <p>The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP.</p> | <p>UCWL is complying with all environmental protection measures and safeguards recommended in the EIA/EMP as per the details given below-</p> <ol style="list-style-type: none"> <li>1. Installation of pollution control measures before all major stacks i.e. Reverse Air Bag House (RABH) for Raw mill &amp; kiln, Bag house for coal mill, ESP for cooler, Pulse Jet Bag Filters for cement mill to ensure the PM emission within norms.</li> <li>2. Installation of bag filters at all material transfer points.</li> <li>3. Covered storage for raw materials i.e. Clinker, Gypsum, Fly ash etc.</li> <li>4. Covered conveyer belts to arrest fugitive dust.</li> <li>5. Water spraying on haul roads.</li> <li>6. Paved/cemented roads for transportation of vehicles.</li> <li>7. Covered vehicles used for transportation of raw materials.</li> <li>8. Treatment of domestic waste water in Sewage Treatment Plant (STP) and reuse of treated water in plantation and water spraying on haul roads.</li> <li>9. Construction of artificial rainwater harvesting structures in plant, colony and mines area.</li> <li>10. Recirculation of cooling water and leakage prevention by proper maintenance of the water supply system.</li> <li>11. Installation of water meters for metering and monitoring of water receipt and consumption</li> <li>12. Regular monitoring of noise level and corrective measures in concerned machinery accordingly.</li> <li>13. Incorporating sound-proof enclosures for equipment and providing earplugs for operators working close to high noise generating sources.</li> </ol> |



**ENVIRONMENT CLEARANCE COMPLIANCE REPORT- CEMENT PLANT**  
(Apr-2020 to September-2020)

|    |   |  |
|----|---|--|
|    |   | <p>14. Green belt development in plant and colony area.</p> <p>15. Supply of Occupational Health Safety (OHS) gears like safety helmets, safety shoes and dust masks etc. to workers.</p> <p>16. Maintaining good housekeeping in plant and colony area.</p> <p>17. Environmental Monitoring (Ambient air quality, water &amp; wastewater quality, Noise level etc.) to check and control pollution as per the norms of regulatory agencies CPCB/SPCB/MoEF&amp;CC etc.</p> <p>18. A dispensary has also been setup within colony area with medical testing facility is available like- blood test, PFT, audiometric test etc.</p>                          |
| 12 | A separate environmental management cell with full-fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.  | UCWL has separate Environment Management Cell to take care of monitoring and other issues related to environment under direct supervision/control of Senior Executive, Whole-time Director of the Company.   |
| 13 | As mentioned in the EIA/EMP Rs. 43.05 and Rs. 3.50 Crores earmarked towards the capital cost and recurring cost/annum for environmental pollution control measures shall be used exclusively to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. Time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry. The funds so provided shall not be diverted for any other purpose. | UCWL has kept the funds earmarked for environmental protection measures & which is being used exclusively to implement the conditions stipulated by MoEF as well as State Govt. This fund shall not be diverted for other purposes.  |
| 14 | The Regional Office of this Ministry at Lucknow / CPCB / RSPCB shall monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.  | <p>Agreed with. The Half yearly compliance report is referred with this report &amp; regularly being submitted to the concerned authority &amp; the soft copy of the compliance report also being sent by email ( <a href="mailto:roc.z.lko-mef@gov.in">roc.z.lko-mef@gov.in</a> &amp; <a href="mailto:menv@rediffmail.com">menv@rediffmail.com</a> ) to concerned authorities. we have obtain the Certified Environmental Clearance Compliance Report from MoEF Regional Office (Central Region) Lucknow F.NO.IV/ENV /R/TH33-58308-393 dated-14/11/2019</p> <p>Recently MoEF, Dy. Director Scientist-C has visited/ inspected our site on 26.03.2021.</p> |
| 15 | The Project Authorities 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 and the date of commencing the land development work.  | Noted, all the project work has been carried out within the existing premises of UCWL. No any additional land was used.  |
| 16 | The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Rajasthan State Pollution Control Board / Committee and may also be seen at Website of the Ministry of Environmental and Forests at  | Noted, UCWL had informed the public through advertisement in two local newspapers and the same was submitted to concern authority.   |

ENVIRONMENT CLEARANCE COMPLIANCE REPORT- CEMENT PLANT  
(Apr-2020 to September-2020)

|   |  |
|---|--|
| <p><a href="http://envfor.nic.in">http://envfor.nic.in</a>. This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locally concerned and copy of the same shall be forwarded to the Regional Office at Lucknow.</p> |  |
|---|--|

\*\*\*\*\*

Udaipur Cement Work Limited



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

A

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory  
RSPCB ISO 9001:2015 OHSAS 18001:2007 JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

|                         |   |  |                   |
|-------------------------|---|--|-------------------|
| Report No./ULR No. :    | TC502520200001183P  | Date :                                 | 13-11-2020        |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok,, Distt. Udaipur (Rajasthan). | Type of Unit :                         | Cement Plant      |
| Type of Sample :        | Treated Water-STP   | Date of Sample Collection/Monitoring : | 31-10-2020        |
| Point of Collection :   | STP Outlet  | Date of Receipt :                      | 02-11-2020        |
| Date of Test/Analysis : | 02-11-2020 to 12-11-2020  | Sampling Plan :                        | APHA 2017 : 1060  |
| Quantity of Sample :    | 2 Ltr.  | Sample Collected By :                  | Vimal Kumar Yadav |
| Unit's representative : | Mr. Shiv Pratap Singh   | Condition of Sample :                  | Fit for testing   |

## RESULTS

| S.No | Parameters                             | Observed Value | Testing Protocol        | Limits as per Environment protection rules, 1986 |
|------|--|----------------|-------------------------|--|
| 1    | Total Suspended Solids [mg/l]          | 19             | APHA.2017:2540-D        | 100  |
| 2    | Ammonical Nitrogen as N [mg/l]         | 1.12           | APHA 2017 : 4500-NH3 C  | 50   |
| 3    | Biochemical Oxygen Demand (BOD) [mg/l] | 8.5            | APHA 2017:5210-B        | 30   |
| 4    | Chloride as Cl [mg/l]                  | 289.27         | APHA 2017 : 4500- Cl- B | -  |
| 5    | Chemical Oxygen Demand (COD) [mg/l]    | 35.84          | APHA:2017 : 5220-C      | 250  |
| 6    | pH                                     | 8.45           | APHA:2017 : 4500 H+B    | 5.5 - 9.0  |
| 7    | Sulphide as S [mg/l]                   | BDL(<0.1)      | APHA. 2017 : 4500-S2-F  | 2  |
| 8    | Oil & Grease [mg/l]                    | 4              | APHA 2017 : 5520 B      | 10   |
| 9    | Total Residual Chlorine [mg/l]         | BDL(<0.1)      | APHA:2017 : 4500-CI B   | 1.0  |
| 10   | Nitrate as NO3 [mg/l]                  | 47.0           | APHA 2017 : 4500-NO3- B | 50   |
| 11   | Faecal coliform [MPN/100ml]            | BDL            | IS 1622 : 1981          | -  |

### Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10 covered under NABL scope and Parameter No. 11 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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*Puran Mal Yogi*  
Senior Analyst

*Rajesh Maheshwan*  
Authorized Signatory



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JDA/UDH

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C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RICO Industrial Area,  
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Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

**TEST REPORT**

|                         |   |  |                              |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. :    | TC502521500000286   | Date :                                 | 08-03-2021                   |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok,, Distt. Udaipur (Rajasthan), | Type of Unit :                         | Cement Plant                 |
| Type of Sample :        | Stack Emission Level  | Date of Sample Collection/Monitoring : | 19-02-2021                   |
| Point of Collection :   | Cooler Stack  | Date of Receipt :                      | 24-02-2021                   |
| Date of Test/Analysis : | 24-02-2021 to 08-03-2021  | Sampling Plan :                        | IS 11255:2008(Part 3)RA 2018 |
| Quantity of Sample :    | -   | Sample Collected By :                  | Sitaram jangid               |
| Unit's representative : | Mr Mr. Shiv Pratap Singh  | Condition of Sample :                  | Fit for testing              |

**RESULTS**

| S.No | Parameters                               | Observed Value | Testing Protocol                       | Limits as per Environment protection rules, 1986 |
|------|--|----------------|--|--|
| 1    | Particulate matter [mg/Nm <sup>3</sup> ] | 22.19          | IS 11255 (Part 1):1985 Reaffirmed 2014 | 30   |

Notes :-

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Senior Analyst *M. Yogi*  
**M. Yogi**

*Rajesh Wanshwar*  
Authorized Signatory  
(Report No: TC502521500000286 )



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JDA/UDH

Office : E-65, Chitranganj Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
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Laboratory : G1-584, RIICO Industrial Area,  
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Email : marketinglab@teamtesthouse.com

### TEST REPORT

|                         |   |  |                              |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. :    | TC502521500000287   | Date :                                 | 08-03-2021                   |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok,, Distt. Udaipur (Rajasthan). | Type of Unit :                         | Cement Plant                 |
| Type of Sample :        | Stack Emission Level  | Date of Sample Collection/Monitoring : | 22-02-2021                   |
| Point of Collection :   | Coal Mill Outlet Stack  | Date of Receipt :                      | 24-02-2021                   |
| Date of Test/Analysis : | 24-02-2021 to 08-03-2021  | Sampling Plan :                        | IS 11255:2008(Part 3)RA 2018 |
| Quantity of Sample :    | -   | Sample Collected By :                  | Sitaram jangid               |
| Unit's representative : | Mr Mr. Shiv Pratap Singh  | Condition of Sample :                  | Fit for testing              |

### RESULTS

| S.No | Parameters                               | Observed Value | Testing Protocol                       | Limits as per Environment protection rules, 1986 |
|------|--|----------------|--|--|
| 1    | Particulate matter [mg/Nm <sup>3</sup> ] | 14.52          | IS 11255 (Part 1):1985 Reaffirmed 2014 | 30   |

Notes :-

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*Puran Mal Yogi*  
Senior Analyst

*Rajesh Maheshwari*  
Authorized Signatory  
(Report No: TC502521500000287 )



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JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

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Email : marketinglab@teamtesthouse.com

## TEST REPORT

|                         |   |  |                              |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. :    | TC502521500000288   | Date :                                 | 08-03-2021                   |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok,, Distt. Udaipur (Rajasthan). | Type of Unit :                         | Cement Plant                 |
| Type of Sample :        | Stack Emission Level  | Date of Sample Collection/Monitoring : | 18-02-2021                   |
| Point of Collection :   | Kiln/Raw Mill VRM Stack   | Date of Receipt :                      | 24-02-2021                   |
| Date of Test/Analysis : | 24-02-2021 to 08-03-2021  | Sampling Plan :                        | IS 11255:2008(Part 3)RA 2018 |
| Quantity of Sample :    | -   | Sample Collected By :                  | Sitaram jangid               |
| Unit's representative : | Mr Mr. Shiv Pratap Singh  | Condition of Sample :                  | Fit for testing              |

## RESULTS

| S.No | Parameters                               | Observed Value | Testing Protocol                        | Limits as per Environment protection rules, 1986 |
|------|--|----------------|---|--|
| 1    | Particulate matter [mg/Nm <sup>3</sup> ] | 12.15          | IS 11255 (Part 1):1985 Reaffirmed 2014  | 30   |
| 2    | Sulphur Dioxide [mg/Nm <sup>3</sup> ]    | BDL(<2.0)      | IS 11255(Part 2) :1985 Reaffirmed 2014  | -  |
| 3    | Oxides of Nitrogen [mg/Nm <sup>3</sup> ] | 561            | IS 11255 (Part 7) :1985 Redffirmed 2012 | -  |

**Notes :-**

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Senior Analyst

*Puran Mal Yogi*  
Puran Mal Yogi

*Rajesh Maheshwari*  
Authorized Signatory  
(Report No: TC502521500000288 )





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Website : www.teamtesthouse.com  
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**TEST REPORT**

|                         |   |  |                              |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. :    | TC502521500000289   | Date :                                 | 08-03-2021                   |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok., Distt. Udaipur (Rajasthan). | Type of Unit :                         | Cement Plant                 |
| Type of Sample :        | Stack Emission Level  | Date of Sample Collection/Monitoring : | 20-02-2021                   |
| Point of Collection :   | Cement Mill - 01 Stack Outlet   | Date of Receipt :                      | 24-02-2021                   |
| Date of Test/Analysis : | 24-02-2021 to 08-03-2021  | Sampling Plan :                        | IS 11255:2008(Part 3)RA 2018 |
| Quantity of Sample :    | -   | Sample Collected By :                  | Sitaram jangid               |
| Unit's representative : | Mr Mr. Shiv Pratap Singh  | Condition of Sample :                  | Fit for testing              |

**RESULTS**

| S.No | Parameters                               | Observed Value | Testing Protocol                       | Limits as per Environment protection rules, 1986 |
|------|--|----------------|--|--|
| 1    | Particulate matter [mg/Nm <sup>3</sup> ] | 11.64          | IS 11255 (Part 1):1985 Reaffirmed 2014 | 30   |

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*Puran*  
Senior Analyst

Puran Mal Yogi

*Rajesh* Maneshwar  
Authorized Signatory  
(Report No: TC502521500000289 )



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JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : GI-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
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## TEST REPORT

|                         |   |  |                              |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. :    | TC502521500000290   | Date :                                 | 08-03-2021                   |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok., Distt. Udaipur (Rajasthan). | Type of Unit :                         | Cement Plant                 |
| Type of Sample :        | Stack Emission Level  | Date of Sample Collection/Monitoring : | 20-02-2021                   |
| Point of Collection :   | Cement Mill 2 Stack   | Date of Receipt :                      | 24-02-2021                   |
| Date of Test/Analysis : | 24-02-2021 to 08-03-2021  | Sampling Plan :                        | IS 11255:2008(Part 3)RA 2018 |
| Quantity of Sample :    | -   | Sample Collected By :                  | Sitaram jangid               |
| Unit's representative : | Mr Mr. Shiv Pratap Singh  | Condition of Sample :                  | Fit for testing              |

## RESULTS

| S.No | Parameters                               | Observed Value | Testing Protocol                       | Limits as per Environment protection rules, 1986 |
|------|--|----------------|--|--|
| 1    | Particulate matter [mg/Nm <sup>3</sup> ] | 10.97          | IS 11255 (Part 1):1985 Reaffirmed 2014 | 30   |

### Notes :-

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*Puran Mai Yogi*

Senior Analyst  
Puran Mai Yogi

*Rajesh Maheshwari*

Authorized Signatory  
(Report No: TC502521500000290 )





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(Unit of Team Institute of Science & Technology Pvt. Ltd.)



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RSPCB

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JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
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Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
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Email : marketinglab@teamtesthouse.com

**TEST REPORT**

|                         |   |  |                              |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. :    | TC502521400000598   | Date :                                 | 08-03-2021                   |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok,, Distt. Udaipur (Rajasthan), | Type of Unit :                         | Cement Plant                 |
| Type of Sample :        | Ambient Air Quality Monitoring  | Date of Sample Collection/Monitoring : | 18-02-2021                   |
| Point of Collection :   | Near Loco Shed  | Date of Receipt :                      | 24-02-2021                   |
| Date of Test/Analysis : | 24-02-2021 to 08-03-2021  | Sampling Plan :                        | IS 5182:2000(Part 14)RA 2014 |
| Quantity of Sample :    | -   | Sample Collected By :                  | Sitaram jangid               |
| Unit's representative : | Mr Mr. Shiv Pratap Singh  | Condition of Sample :                  | Fit for testing              |

**RESULTS**

| S.No | Parameters                                | Observed Value | Testing Protocol                        | Limits as per National Ambient Air Quality Standard, 2009 |
|------|---|----------------|---|---|
| 1    | Carbon Monoxide [microgram/m3]            | 340            | IS 5182 (Part 10) : 1999 RA 2019        | 4000  |
| 2    | Nitrogen Dioxide as NO2 [microgram/m3]    | 13.16          | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00   |
| 3    | Particulate Matter (PM2.5) [microgram/m3] | 35.74          | CPCB Guidelines                         | 60.00   |
| 4    | Sulphur Dioxide [microgram/m3]            | 3.41           | IS 5182 (Part 2) : 2001 RA 2017         | 80.00   |
| 5    | Particulate Matter (PM 10) [microgram/m3] | 75.64          | IS 5182 (Part 23)-2006 RA 2017          | 100.00  |

Notes :-

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*Purani*  
**Purani Yogi**  
Senior Analyst

*Rajon*  
**Rajon Maheshwari**  
Authorized Signatory  
(Report No: TC502521400000598 )



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(Unit of Team Institute of Science & Technology Pvt. Ltd.)



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JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
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Email : marketinglab@teamtesthouse.com

**TEST REPORT**

|                         |   |  |                              |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. :    | TC502521400000599   | Date :                                 | 08-03-2021                   |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok,, Distt. Udaipur (Rajasthan). | Type of Unit :                         | Cement Plant                 |
| Type of Sample :        | Ambient Air Quality Monitoring  | Date of Sample Collection/Monitoring : | 18-02-2021                   |
| Point of Collection :   | Near ADM Building   | Date of Receipt :                      | 24-02-2021                   |
| Date of Test/Analysis : | 24-02-2021 to 08-03-2021  | Sampling Plan :                        | IS 5182:2000(Part 14)RA 2014 |
| Quantity of Sample :    | -   | Sample Collected By :                  | Sitaram jangid               |
| Unit's representative : | Mr Mr. Shiv Pratap Singh  | Condition of Sample :                  | Fit for testing              |

**RESULTS**

| S.No | Parameters                                | Observed Value | Testing Protocol                        | Limits as per National Ambient Air Quality Standard, 2009 |
|------|---|----------------|---|---|
| 1    | Carbon Monoxide [microgram/m3]            | 270            | IS 5182 (Part 10) : 1999 RA 2019        | 4000  |
| 2    | Nitrogen Dioxide as NO2 [microgram/m3]    | 11.32          | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00   |
| 3    | Particulate Matter (PM2.5) [microgram/m3] | 35.03          | CPCB Guidelines                         | 60.00   |
| 4    | Sulphur Dioxide [microgram/m3]            | 3.1            | IS 5182 (Part 2) : 2001 RA 2017         | 80.00   |
| 5    | Particulate Matter (PM 10) [microgram/m3] | 66.74          | IS 5182 (Part 23)-2006 RA 2017          | 100.00  |

Notes :-

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*Pura Mohan Yogi*  
Senior Analyst

*Rajesh Mohanwar*  
Authorized Signatory

(Report No: TC502521400000599)



**TEAM TEST HOUSE**  
(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

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JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

**TEST REPORT**

|                         |   |  |                              |
|-------------------------|---|--|------------------------------|
| Report No./ULR No. :    | TC502521400000600   | Date :                                 | 08-03-2021                   |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok., Distt. Udaipur (Rajasthan), | Type of Unit :                         | Cement Plant                 |
| Type of Sample :        | Ambient Air Quality Monitoring  | Date of Sample Collection/Monitoring : | 18-02-2021                   |
| Point of Collection :   | Near Guest House (Ramdev temple)  | Date of Receipt :                      | 24-02-2021                   |
| Date of Test/Analysis : | 24-02-2021 to 08-03-2021  | Sampling Plan :                        | IS 5182:2000(Part 14)RA 2014 |
| Quantity of Sample :    | -   | Sample Collected By :                  | Sitaram jangid               |
| Unit's representative : | Mr Mr. Shiv Pratap Singh  | Condition of Sample :                  | Fit for testing              |

**RESULTS**

| S.No | Parameters                                | Observed Value | Testing Protocol                        | Limits as per National Ambient Air Quality Standard, 2009 |
|------|---|----------------|---|---|
| 1    | Carbon Monoxide [microgram/m3]            | 360            | IS 5182 (Part 10) : 1999 RA 2019        | 4000  |
| 2    | Nitrogen Dioxide as NO2 [microgram/m3]    | 12             | IS 5182 (Part 6) : 2006 Reaffirmed 2017 | 80.00   |
| 3    | Particulate Matter (PM2.5) [microgram/m3] | 26.75          | CPCB Guidelines                         | 60.00   |
| 4    | Sulphur Dioxide [microgram/m3]            | 3.06           | IS 5182 (Part 2) : 2001 RA 2017         | 80.00   |
| 5    | Particulate Matter (PM 10) [microgram/m3] | 75.23          | IS 5182 (Part 23)-2006 RA 2017          | 100.00  |

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*Loccho*  
Senior Analyst

*Rajeev*  
Authorized Signatory  
(Report No: TC502521400000600 )



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Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

**TEST REPORT**

|                         |   |  |                   |
|-------------------------|---|--|-------------------|
| Report No./ULR No. :    | TC502520600001791F  | Date :                                 | 12-11-2020        |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok., Distt. Udaipur (Rajasthan). | Type of Unit :                         | Cement Plant      |
| Type of Sample :        | Ambient Noise Level Monitoring  | Date of Sample Collection/Monitoring : | 24-10-2020        |
| Point of Collection :   | Near Loco Shed  | Date of Receipt :                      | 02-11-2020        |
| Date of Test/Analysis : | 02-11-2020 to 12-11-2020  | Sampling Plan :                        | TTH/NOISE/01      |
| Quantity of Sample :    | -   | Sample Collected By :                  | Vimal Kumar Yadav |
| Unit's representative : | Mr. Shiv Pratap Singh   | Condition of Sample :                  | Fit for testing   |

**RESULTS**

| S.No | Parameters                             | Observed Value | Testing Protocol | Limits as per Environment protection rules, 1986 |
|------|--|----------------|------------------|--|
| 1    | Noise Level (Day Time) : Leq [dB(A)]   | 63.9           | IS 9989          | 75   |
| 2    | Noise Level (Night Time) : Leq [dB(A)] | 53.3           | IS 9989          | 70   |

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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*Pooja*  
Pooja Mal Yogi  
Senior Analyst

*Rajendra*  
Rajendra Maneswar  
Authorized Signatory  
(Report No: TC502520600001791F )



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Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

**TEST REPORT**

|                         |   |  |                   |
|-------------------------|---|--|-------------------|
| Report No./ULR No. :    | TC502520600001792F  | Date :                                 | 12-11-2020        |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok,, Distt. Udaipur (Rajasthan). | Type of Unit :                         | Cement Plant      |
| Type of Sample :        | Ambient Noise Level Monitoring  | Date of Sample Collection/Monitoring : | 24-10-2020        |
| Point of Collection :   | Near Packing Plant  | Date of Receipt :                      | 02-11-2020        |
| Date of Test/Analysis : | 02-11-2020 to 12-11-2020  | Sampling Plan :                        | TTH/NOISE/01      |
| Quantity of Sample :    | -   | Sample Collected By :                  | Vimal Kumar Yadav |
| Unit's representative : | Mr. Shiv Pratap Singh   | Condition of Sample :                  | Fit for testing   |

**RESULTS**

| S.No | Parameters                             | Observed Value | Testing Protocol | Limits as per Environment protection rules, 1986 |
|------|--|----------------|------------------|--|
| 1    | Noise Level (Day Time) : Leq [dB(A)]   | 68.7           | IS 9989          | 75   |
| 2    | Noise Level (Night Time) : Leq [dB(A)] | 60.4           | IS 9989          | 70   |

Notes :-

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Purnima Yogi  
Senior Analyst

  
Rajesh Mohashwan  
Authorized Signatory  
(Report No: TC502520600001792F)





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**TEST REPORT**

|                         |   |  |                   |
|-------------------------|---|--|-------------------|
| Report No./ULR No. :    | TC502520600001793F  | Date :                                 | 12-11-2020        |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok,, Distt. Udaipur (Rajasthan). | Type of Unit :                         | Cement Plant      |
| Type of Sample :        | Ambient Noise Level Monitoring  | Date of Sample Collection/Monitoring : | 24-10-2020        |
| Point of Collection :   | Near Admin Building   | Date of Receipt :                      | 02-11-2020        |
| Date of Test/Analysis : | 02-11-2020 to 12-11-2020  | Sampling Plan :                        | TTH/NOISE/01      |
| Quantity of Sample :    | -   | Sample Collected By :                  | Vimal Kumar Yadav |
| Unit's representative : | Mr. Shiv Pratap Singh   | Condition of Sample :                  | Fit for testing   |

**RESULTS**

| S.No | Parameters                             | Observed Value | Testing Protocol | Limits as per Environment protection rules, 1986 |
|------|--|----------------|------------------|--|
| 1    | Noise Level (Day Time) : Leq [dB(A)]   | 60.4           | IS 9989          | 75   |
| 2    | Noise Level (Night Time) : Leq [dB(A)] | 53.3           | IS 9989          | 70   |

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Purnima Yogi  
Senior Analyst

Rajesh Maheshwan  
Authorized Signatory  
(Report No: TC502520600001793F)



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Email : marketinglab@teamtesthouse.com

**TEST REPORT**

|                         |   |  |                   |
|-------------------------|---|--|-------------------|
| Report No./ULR No. :    | TC502520600001794F  | Date :                                 | 12-11-2020        |
| Issued To :             | M/S Udaipur Cement Works Ltd.<br>Works: Shripatinagar, P.O. CFA -313021, Near Dabok., Distt. Udaipur (Rajasthan). | Type of Unit :                         | Cement Plant      |
| Type of Sample :        | Ambient Noise Level Monitoring  | Date of Sample Collection/Monitoring : | 24-10-2020        |
| Point of Collection :   | Near Guest House  | Date of Receipt :                      | 02-11-2020        |
| Date of Test/Analysis : | 02-11-2020 to 12-11-2020  | Sampling Plan :                        | TTH/NOISE/01      |
| Quantity of Sample :    | -   | Sample Collected By :                  | Vimal Kumar Yadav |
| Unit's representative : | Mr. Shiv Pratap Singh   | Condition of Sample :                  | Fit for testing   |

**RESULTS**

| S.No | Parameters                             | Observed Value | Testing Protocol | Limits as per Environment protection rules, 1986 |
|------|--|----------------|------------------|--|
| 1    | Noise Level (Day Time) : Leq [dB(A)]   | 58.6           | IS 9989          | 75   |
| 2    | Noise Level (Night Time) : Leq [dB(A)] | 50.8           | IS 9989          | 70   |

Notes :-

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*Puran Mal Yogi*  
Puran Mal Yogi  
Senior Analyst

*Rej*  
Authorized Signatory  
(Report No: TC502520600001794F)

|                     |                                     |                      |                     |
|---------------------|-------------------------------------|----------------------|---------------------|
| <b>Patient Name</b> | : Mr. Bal Krishna Navria            | <b>Order No</b>      | : F42100027362      |
| <b>Age/Gender</b>   | : 41 Year(s)/ Male                  | <b>Specimen Date</b> | : 22-Mar-2021 9:58  |
| <b>BILL NO</b>      | : CR2454419                         | <b>Report Date</b>   | : 22-Mar-2021 10:45 |
| <b>UHID</b>         | : GMCHL0004102110                   | <b>WARD/BHT No.</b>  | : OP                |
| <b>Referred By</b>  | : Dr MEDICINE DEPARTMENT            | <b>Emp No</b>        | :                   |
| <b>Payer Name</b>   | : UDAIPUR CEMENT WORKS LIMITED - DA |                      |                     |

CENTRAL CLINICAL LABORATORY

| TEST | Result | Unit | Reference Range |
|------|--------|------|-----------------|
|------|--------|------|-----------------|

BIOCHEMISTRY

BLOOD UREA NITROGEN (BUN)

Specimen: SERUM

BY SPECTROPHOTOMETRY ON COBAS 6000 (ROCHE)

|     |      |       |              |
|-----|------|-------|--------------|
| BUN | 7.15 | mg/dl | 6 - 21 mg/dl |
|-----|------|-------|--------------|

SERUM CREATININE

Specimen: SERUM

BY SPECTROPHOTOMETRY ON COBAS 6000 (ROCHE)

|                  |      |       |                 |
|------------------|------|-------|-----------------|
| SERUM CREATININE | 0.84 | mg/dl | 0.4 - 1.2 mg/dl |
|------------------|------|-------|-----------------|

SERUM URIC ACID

Specimen: SERUM

BY SPECTROPHOTOMETRY ON COBAS 6000 (ROCHE)

|           |     |       |                 |
|-----------|-----|-------|-----------------|
| URIC ACID | 6.8 | mg/dl | 3.5 - 7.2 mg/dl |
|-----------|-----|-------|-----------------|

BLOOD GLUCOSE FASTING

Specimen: SERUM

BY SPECTROPHOTOMETRY ON COBAS 6000 (ROCHE)

|                       |          |       |                |
|-----------------------|----------|-------|----------------|
| BLOOD SUGAR (FASTING) | 110.8 *H | mg/dl | 70 - 110 mg/dl |
|-----------------------|----------|-------|----------------|

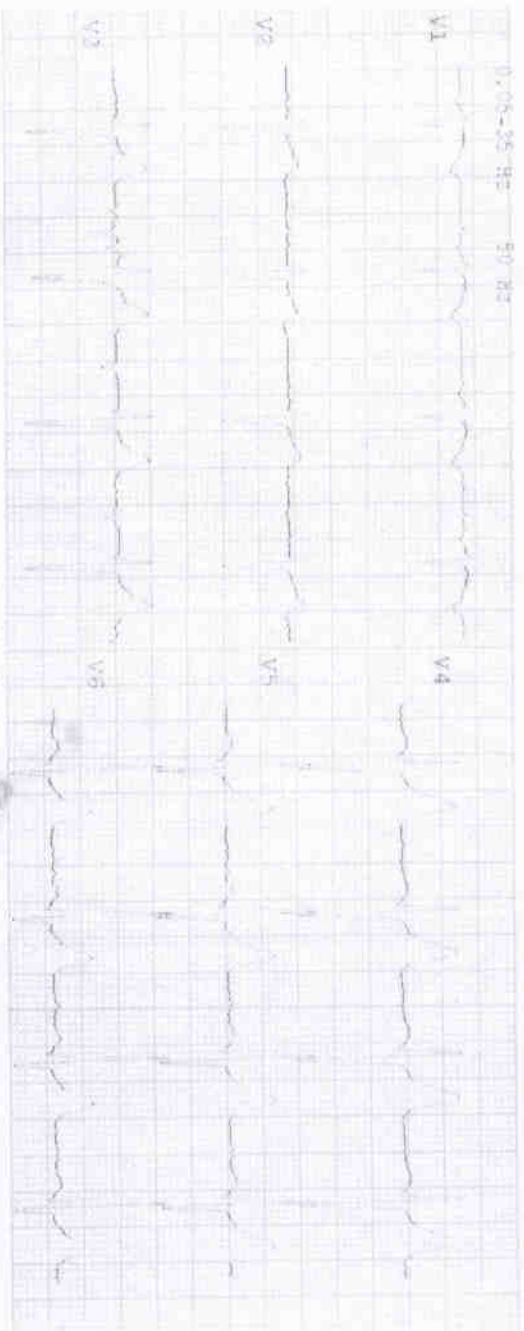
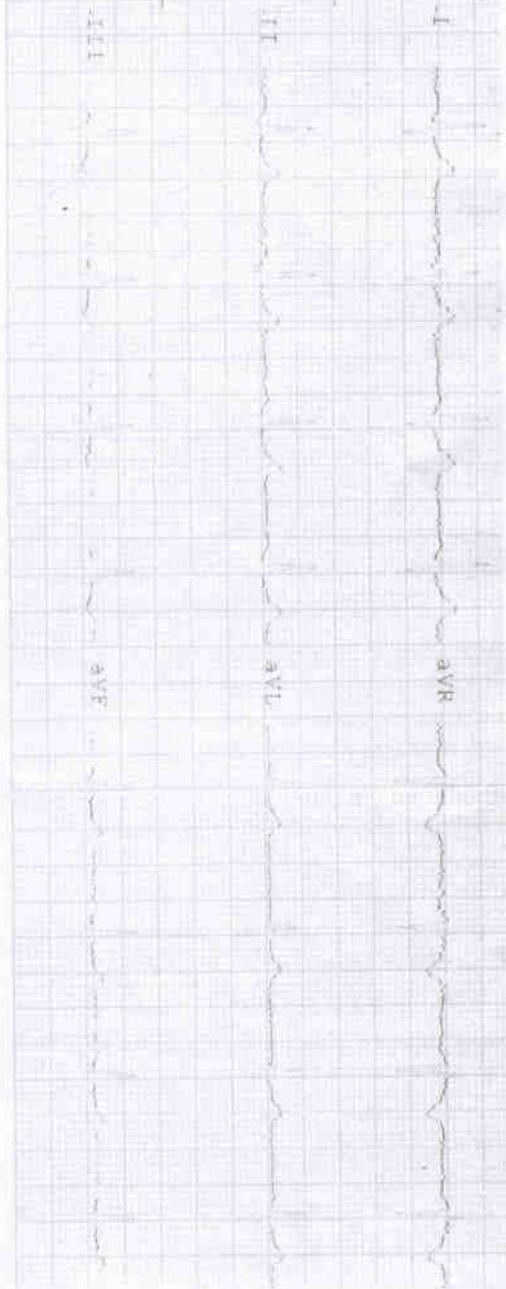
LFT PROFILE

Specimen: SERUM

BY SPECTROPHOTOMETRY ON COBAS 6000 (ROCHE)

|                          |      |            |                    |
|--------------------------|------|------------|--------------------|
| SERUM BILIRUBIN TOTAL    | 0.60 | mg/dl      | 0.2 - 1 mg/dl      |
| SERUM BILIRUBIN DIRECT   | 0.20 | mg/dl      | 0 - 0.25 mg/dl     |
| SERUM BILIRUBIN INDIRECT | 0.40 | mg/dl      | 0.2 - 0.75 mg/dl   |
| SGOT (AST)               | 28.0 | I.U./litre | 10 - 45 I.U./litre |
| SGPT (ALT)               | 42.1 | I.U./litre | 10 - 45 I.U./litre |

Name :  
 Age : Years  
 Gender :  
 BP : (mm/Hg)  
 Weight: Kgs  
 Date :  
 Note :  
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 (Ver 3.15.16)PC  
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 AEW CE



Physician

DR.

AEW CE