

# Sasan Power Limited

CIN: U40102MH2006PLC190557

6 X 660 MW Sasan Ultra Mega Power Project  
Gram: Siddhi khurd  
Post Office: Tiyara  
Singrauli – 486 886  
Madhya Pradesh, INDIA  
www.reliancepower.co.in

Ref: SPL/EMG/2023-24/50

Date: 22<sup>nd</sup> November 2023

To,  
**The Additional PCCF (C)**  
Ministry of Environment Forest & Climate Change  
Regional Office (Western Region)  
Kendriya Paryawaran Bhawan, link Road No.-3  
E-5, Ravi Shanker Nagar  
Bhopal-462016  
**Madhya Pradesh**

**Sub: Submission of Six Monthly Compliance status of Environmental Clearance along with Environmental Monitoring Reports for our (6x660) 3960 MW Coal based Thermal Power Plant M/s Sasan Power Limited, at Village – Siddhi Khurd, Post – Tiyara, District – Singrauli, Madhya Pradesh**

**Ref:** 1. Environmental Clearance-Letter No. F. No. J-13011/15/2006-IA (T) dated; 23<sup>rd</sup> Nov 2006.  
2. EC amendment vide no. - J-13011/15/2006-IA (T) dated; 21<sup>st</sup> July 2009.  
3. EC revalidation vide no. - J-13011/15/2006-IA (T) dated; 19<sup>th</sup> April 2012.

Dear Sir,

With reference to the above subject, please find enclosed herewith Six Monthly Environmental Clearance (EC) compliance status report along with the Environmental Monitoring report like Ambient Air Quality, Stack Emission, Water & Waste Water Quality, Noise Level, Met data, Green belt development and Corporate Social Responsibility during the period of April'2023 to September'2023.

This is for your kind information & record please.

Thanking You,

Yours faithfully,

**For Sasan Power Limited**



 (Authorized Signatory)

CC: 1. The Regional Officer, M.P Pollution Control Board, Singrauli, Madhya Pradesh.  
2. The Member Secretary, M.P Pollution Control Board, Bhopal  
3. Zonal Office, CPCB-Bhopal  
4. MoEF &CC, New Delhi

Encl: EC Compliance Report

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**Compliance Status Report for “Environmental Clearance” Accorded by the MoEF&CC  
For  
Sasan Ultra Mega Power Project  
(1<sup>st</sup> April, 2023 to 30<sup>th</sup> September, 2023)**

**1.0: Introduction:**

1. Sasan Power Limited is operating 3960 MW (6 x 660MW) Coal based Thermal Power Plant at Sasan, Dist- Singrauli, Madhya Pradesh.
2. The project is of great national importance. Through our 06 operating units we are supplying power to 17 utilities in 7 states.
3. All the operation related permits, including Environmental Clearance, Forest Clearance from MOEF&CC and consents from Madhya Pradesh Pollution Control Board, are in place.
4. Environmental quality monitoring in & around the project site is being carried out by MoEF&CC/NABL approved Laboratory regularly.
5. 03 No. of Continuous Ambient Air Quality Monitoring Stations (CAAQMS) along with Environmental Parameter Display Board at main gate have been established.
6. Continuous Emission Monitoring System (CEMS) is installed in flue of all the units and the data is linked to the CPCB & MPPCB servers.
7. Online Effluent Monitoring System is installed at the outlet of Central Monitoring Basin and data is linked to the CPCB & MPPCB servers.
8. IP based High optical zoom camera focus toward ETP outlet, Stack Emission, Coal Yard, is installed and footage capturing on CPCB server on continuous basis.
9. Upliftment of the socio -economic status of the nearby community and society are carried out on a continuous basis through various programs run under the company's Corporate Social Responsibility (CSR) scheme.
10. A vast green belt as per CPCB guidelines is developed to curb the emission and also to provide an aesthetic look.
11. Point wise compliance status of Environmental Clearance for SPL is furnished herewith.

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**Compliance status on Environmental Clearance  
(6X660 MW Coal based Thermal Power Plant-SUMPP)**

. MOEF Ref. Letter No.: J-13011/15/2006-IA.II (T) dated Nov 23, 06, J – 13011/15/2006-IA-II (T) dated Jul 21, 09 and EC revalidation vide no. J – 13011/15/2006-IA-II (T) dated April 19, 2012

Sr. No.	Stipulation	Compliance Status
I	All conditions stipulated by Madhya Pradesh Pollution control Board vide their letter no S688/TS/MPPCB/2006 dated July 6, 06 shall be strictly implemented.	All the conditions are being implemented.
II	The proposed configuration of the project (5x800) could be changed provided that the total capacity of the power plant shall not exceed 4000 MW and that no individual unit shall be less than 500 MW.	Complied.  The total capacity of the project is 3960 MW with 6 units of 660 MW each. Hence, the total project and units capacities conform to the stipulated condition.
III	The total land requirement shall not exceed 3723 acres for all the activities/facilities of the power project put together.	Complied.  This area has been divided into four major parts.  (i) Main Plant including green belt - 2033 acres.  ii) Ash Disposal area - 811 acres.  iii) Colony- 449 acres  (iv) OLC, approach roads and intake water pipe line and other facilities - 430 acres  <b>Total Area - 3723 acres</b>

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V	The land requirement which has been reduced from that proposed originally shall be reconciled at the stage of issue of notification for land acquisition under section 6.	Complied.  The land acquisition completed as per Sec 6 notification.
VI	R&R in sufficient detail shall be finalized before award of the project and a copy of the detailed R&R shall be submitted to MOEF within three months of issue of this letter or before award of the project.	Complied.  R&R plan submitted to MOEF on 8-Aug-2006 by PFC. R&R plan submitted by SPL to GoMP on 16-Feb-2008 and R&R compensation package notified by District Collector vide public notice on 9-Sep-2008 and same is being implemented.
VII	The PAPs losing their homesteads or a major portion of the land shall not be ousted from the land till they are settled in the alternate sites.	An R&R colony (Surya Vihar colony) with all the basic facilities like school, temple, hospital, market place, Panchayat Bhavan etc. has been constructed for persons affected by the Land Acquisition.
VIII	A Committee under the auspices of the district administration with representatives of the PAPs, local Panchayat and representatives of NGOs and the project proponent shall be constituted to monitor the implementation of the R&R plan.	A committee has been constituted, which is monitoring the implementation under the guidance of District Collector. The copy is available with the district administrator.
IX	Ancient Shiva temple shall be outside the plant boundary and access to the temple shall be provided by project authorities	Complied.
IX	Ash and Sulphur of the coal to be used in the project shall not exceed 34% and 0.5 % respectively.	Noted and being complied.  Regular coal quality monitoring is being carried out by SPL. Ash and sulphur content in the coal been used in FY 22-23 during operation of the project is less than 34% and 0.5% respectively. However As per MoEF & CC Notification S.O No. 1561 (E) dated 21 May 2020, conditions pertaining to coal ash percentage has been superseded from existing compliances.



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X	Two bi flue and one single flue stacks of 275 m height each shall be provided with continuous online monitoring equipments. Exit velocity of 25 m/sec shall be maintained	This condition is amended vide MOEF's letter no. J – 13011/15/2006-IA-II (T) dated July 21, 09 as “Two tri-flue stacks of 275 m height each provided with continuous online monitoring equipments for SO <sub>x</sub> , NO <sub>x</sub> and Particulate matter. Exit velocity of flue gases is not less than 25 m/s. Mercury emissions from stack also be monitored on quarterly basis.”  Amended condition is being complied.
XI	High efficiency electrostatic Precipitator (ESP) with efficiency not less than 99.9% shall be installed to ensure that the particulate emission does not exceed 50 mg/Nm <sup>3</sup> .	High efficiency ESP are installed with efficiency of 99.96%  Particulate emission is maintained to less than 50mg/Nm <sup>3</sup> . Stack Emission monitoring report for Apr'23 – Sept'23 is attached as <b>Annexure</b> .
XII	Space provision shall be made for Flue Gas De-sulphurization (FGD) unit, if required at a later stage.	Space provision has been kept in the layout for FGD.
XIII	Low NO <sub>x</sub> burners shall be provided	Complied. Low NO <sub>x</sub> burners are provided in the boiler of all the units.
XIV	Adequate dust extraction system such as bag filters and water spray system in dusty areas such as coal and ash handling areas, transfer areas and other vulnerable areas shall be provided.	Being Complied.  Dust suppression system is provided at all Transfer points, Dust extraction system is installed at Coal Silo, Coal Bunkers, Intermediate Ash Silo and Main Ash Silos. Rain Gun type water sprinkler system is installed in Coal Handling area. Internal roads are made pukka to avoid generation of fugitive dust. Water sprinkling is being carried out regularly to reduce the fugitive emissions in dust prone area.
XV	Fly ash shall be collected in dry form only and ash generated shall be used in a phased manner as per provisions of the notification on fly ash utilization issued by Ministry in September, 1999 and its	Being Complied.  Dry fly-ash collection system is in place. All efforts are being made to comply with the provisions of fly-ash notification issued by

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	amendment. By end of 9 <sup>th</sup> year full fly ash utilization should be ensured. Unutilized ash shall be disposed off in the ash pond in the form of High Concentration slurry.	<p>the Ministry in November 2009.</p> <p>The condition of adopting HCSD system is amended vide MOEF letter no J-13011/15/2006-IA-II (T) date Jul 21, 2009.</p> <p>The 67<sup>th</sup> EAC held during March 19-20, 2010. The matter of ash disposal was deliberated in details &amp; EAC has recommended the project to adopt medium slurry concentration of 38% ash &amp; 62 % water disposal.</p> <p>Ash generation/ utilization report is regularly submitted to concerned authorities.</p>
XVI	Ash pond shall be lined with LDPE lining. Adequate safety measures shall also be implemented to protect the ash pond bund from getting breached.	<p>Complied.</p> <p>The matter was discussed in the EAC meeting held on March 19-20,2010</p> <p>Matter was deliberated in detail and EAC decided that “Suitably well designated lining using LDPE/HDPE or any other suitable impermeable material like puddle day shall be provided”</p> <p>Ash pond is lined using HDPE surrounding to the embankment and the bottom is lined for its impermeability with Bentonite.</p>
XVII	Rain water harvesting shall be practiced. A detailed scheme for rain water harvesting to recharge the ground water aquifer shall be prepared in consultation with Central Ground Water Authority/ State Ground Water Board and a copy of the same shall be submitted within three months to the Ministry.	<p>Complied.</p> <p>A detailed report has been prepared in consultation with CGWA and copy is submitted to MoEF. Rain water harvesting pond &amp; rain water harvesting pits are established to conserve rain water. Location are as follows;</p> <ol style="list-style-type: none"> <li>1. Rain water harvesting Ponds- 02 nos (Beside of Boiler #1 &amp; Boiler #6)</li> <li>2. Rain water harvesting Pits- <ol style="list-style-type: none"> <li>i) Poorvanchal Camp- Lawn,</li> <li>ii) UTC – Office,</li> <li>iii) Near Old Site Office- Canteen,</li> <li>iv) Township- A &amp; B Block,</li> <li>v) Township- E21 &amp; E22 Block</li> </ol> </li> </ol>

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XVIII	<p>The treated effluents confirming to the prescribed standards shall be re-circulated and reused within the plant. There shall be no discharge outside the plant boundary.</p> <p>This condition is amended vide MOEF's letter no. J – 13011/15/2006-IA-II (T) dated 21<sup>st</sup> July 2009, “Discharge of effluents from the power plant may be permitted with condition that the quality of effluents should be as per prescribed norms and should meet the water quality of the receiving body at discharge point and discharge quantity should not exceed 5% of the total consumption of water except in monsoon”.</p>	<p>Noted and is being complied.</p> <p>Although we have the permission for discharge of 5% of the total water consumption, but as per best industrial practices we ensure to maintain zero liquid discharge other than rainy season. Due to undulated topography of the plant areas the excess surface water confirming to prescribed standards flows outside the plant premises through storm water drains.</p> <p>The analysis report of water during monsoon is submitted to concerned authorities.</p>
XIX	<p>Regular Monitoring of ground water in and around the ash pond area including heavy metals (Hg, Cr, As, Pb) shall be carried out, records maintained and six monthly reports shall be furnished to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the groundwater quality is not adversely affected due to the project.</p>	<p>Noted and is being complied.</p> <p>Piezometers are installed near ash pond area for regular monitoring of the ground water quality and subsequent assurance that no adverse impact is taking place. The environmental monitoring report, including the monitoring reports of ground water in and around the ash pond area is regularly submitted to the Regulatory bodies.</p>
XX	<p>A 200 m wide greenbelt will be developed on the western side of the plant area; total area under greenbelt in the plant site will be 474.14 acres which does not include greenbelt area in ash pond and town ship. In addition, a green belt of 50 m width will be developed all around the ash pond.</p>	<p>Being Complied.</p> <p>Development of greenbelt / green cover inside the plant area is in progress. 4,68,367 nos. of plants and area of 659.81 acres area have been planted till Sept, 2023. The entire designated area shall be taken up in phases for Greenbelt / greenery development.</p>
XXI	<p>First Aid and sanitation arrangements shall be made for drivers and other contract workers during construction phase.</p>	<p>Complied.</p> <p>All the 6 units of the project are in operation.</p>
XXII	<p>Leq of noise level should be limited to 75 dBA and regular maintenance of equipment to be undertaken. For people</p>	<p>Being Complied.</p> <p>Condition as amended vide MOEF's letter no. J – 13011/15/2006-IA-II (T) dated July</p>



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	working in the high noise area, personnel protective devices should be provided.	<p>21, 09, which states that</p> <p>“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 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 area</p> <p>Turbines are covered with acoustic enclosure system to control noise levels. Personnel protective equipments are provided in working area to minimize the impact on health, if any. Regular health checkup, including audiometric tests, is conducted and records are maintained. High Noise area Display board installed in Noise generation area to aware the workers.</p> <p><b>Monitoring report of workplace noise is enclosed as Annexure.</b></p>
XXIII	Regular monitoring of the ambient air quality shall be carried out in and around the power plant and records maintained. 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.	<p>Being Complied</p> <p>Regular ambient air quality monitoring is being carried out at the monitoring locations recommended by the Regional Officer, MPPCB. Half yearly monitoring reports are being submitted to the regional office (MoEF-Bhopal).</p> <p><b>Ambient air monitoring report is attached as Annexure.</b></p>
XXIV	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,	<p>Complied.</p> <p>The notice has been published in the following newspapers.</p> <ul style="list-style-type: none"> <li>• Danik Bhaskar dt.13.12.2006</li> </ul>

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	informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> .	<ul style="list-style-type: none"> <li>Nav Bharat Times dt.13.12.2006</li> </ul>
XXV	A separate environment monitoring cell with suitable qualified staff should be set up for implementation of the stipulated environmental safeguards.	<p>Complied.</p> <p>Separate environment cell is established with qualified Staff under direct control of Sr. Executive.</p>
XXVI	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well by e-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.	<p>Condition is amended vide MOEF's letter no. J – 13011/15/2006-IA-II (T) dated July 21, 09".</p> <p>Latest EC compliance report for the period of Oct-22 to Mar-23 has been submitted to MoEF&amp;CC, CPCB and MPPCB vide letter no. SPL/EMG/ 2023-24/09 dated 10<sup>th</sup> May 2023.</p>
XXVII	Regional Office of the Ministry of Environment and Forests located at Bhopal will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environmental Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.	Noted & Agreed.
XXVIII	Separate funds should be allocated for implementation of environmental protection measures along with item-wise break up. This cost should be included as part of the project cost. The funds earmarked for the environment protection measures should not be diverted for other purposes and year wise expenditure	There is a separate fund allocated for the environmental protection measures and is separately governed under the SAP accounting system. The expenditure is reported as a part of Annual Environmental statement submitted to the PCB.

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	should be reported to this Ministry.	
XXIX	Full cooperation should be extended to the Scientists / Officers from the Ministry/Regional Office of the Ministry at Bhopal / the CPCB / the SPCB who would be monitoring the compliance of environmental status.	Noted & being complied.
<b>Following are additional conditions as per MoEF’s letter no. J – 13011/15/2006-IA-II (T) dated July 21, 09</b>		
XXX	A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt/ plantation.	Sewage treatment plant is operational. Treated sewage waste water taken to the CMB for its further utilization.
XXXI	Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season.	Fire fighting arrangement is provided in coal yard to prevent fire.
XXXII	Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS shall be made in the plant area in consultation with the Dept. 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.	Noted & being complied.  For the storage of LDO/HFO, licenses from the Chief Controller of Explosives, Nagpur have been obtained.  Onsite Emergency Plan is approved by the Director, Industrial Health and Safety is in place.
XXXIII	Adequate funds shall be allocated for undertaking CSR Activities	Being complied. Major thrust areas are:- <b><u>Literacy initiatives:</u></b> Provide quality education by engaging DAV management in R&R schools. Improve drinking water and sanitation facilities in the existing school & nearby vicinity. Providing Urjanchal Scholarship for meritorious students, organizing painting competition etc. <b><u>Health initiatives:</u></b> Primary Health Centre established in Surya Vihar (R&R) colony with qualified Dr. & staffs. Free medicines

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		<p>are being provided to PAPs. Organize Gynae camp, Free Eye Checkup &amp; Health Checkup Camp, Blood donation camp etc.</p> <p><b><u>Sports and Cultural Initiatives:</u></b> Sponsoring activities like All India &amp; District Level Football &amp; Cricket tournaments, celebration of world environment day, Singrauli Mahotsawa, Durga Puja, etc.</p> <p><b><u>Infrastructure Development initiatives</u></b> like Construction of bore wells &amp; hand pumps, rainwater harvesting ,construction of road ,wall painting etc.</p> <p><b><u>Sustainable Livelihood initiatives</u></b> like Employment to local people, Construction skill training through CIDC, CSTC followed by deployment in project activities, formation of Cooperative Societies &amp; SHGs for awarding of construction contracts, dairy management, wadi cultivation, poultry, goatry, tailoring classes for women, etc.</p> <p><b><u>Vidyaadan Project:</u></b> Vidyadaan project has hatched to aim improve the suroounding govt. school performance and results.</p> <p>The idea involves utilizing the high skilled and ready to use employee of SAPL for the betterment of the society and setting new trend and benchmark.</p> <p><b><u>Group Blood Donation Campaign:</u></b> Blood donation campaign organised by Sasan Power Ltd. where maximum of our employee volunturrily had participated in the programme.</p> <p><b>Detailed report is enclosed as Annexure for the period of Apr’23 to Sept’23.</b></p>
XXXIV	First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	<p>Complied.</p> <p>Construction work completed and plant is fully operational.</p>
XXXV	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe	<p>Complied.</p> <p>Construction work completed and plant is fully operational.</p>

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	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.	
XXXVI	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, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Complied  <a href="http://www.reliancepower.co.in/business_areas/power_projects/coal_based_projects/sasan/environment.htm">http://www.reliancepower.co.in/business_areas/power_projects/coal_based_projects/sasan/environment.htm</a>
XXXVI I	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, SO <sub>2</sub> and NO <sub>x</sub> (ambient levels as well as stack emissions) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Being Complied.  <a href="http://www.reliancepower.co.in/business_areas/power_projects/coal_based_projects/sasan/environment.htm">http://www.reliancepower.co.in/business_areas/power_projects/coal_based_projects/sasan/environment.htm</a>  Environmental data display board is established at the main gate.
XXXVI II	The environment statement for each financial year ending 31 <sup>st</sup> 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 EC conditions and shall also be sent to the respective Regional Offices of MOEF by e – mail.	Being complied.  Latest Annual Environment Statement Report, has been submitted to the MPPCB vide letter No. SPL/EMG/2023-24/42 on dtd. 05.09.2022.  Latest CTO Compliance report vide letter no. SPL/EMG/ 2023-24/46 submitted to RO-MPPCB, Singrauli and Member Secretary, MPPCB- Bhopal on dtd.17.10.2023.
XXXIX	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.	Complied.

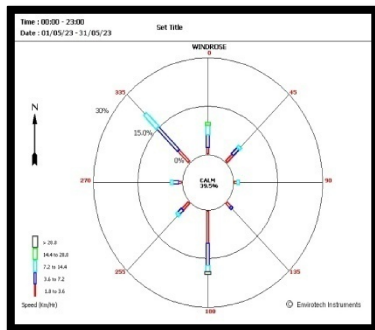


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**Additional Information:**

**Micro meteorology:** An online Weather Monitoring Station (WM-271-Make-Envirotech) is installed at Environment Lab for the monitoring of site-specific micro-meteorological data for the recording of parameters from 00.00 hr to 23.00 hrs. .

**Wind rose Diagrammed**



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Pre- calibrated Fine dust samplers have been used for carrying out ambient air quality monitoring in line with provisions of National Ambient Air Quality Standards (NAAQS). The parameters monitored are PM<sub>10</sub>, PM 2.5, Sulphur dioxide (SO<sub>2</sub>), Oxides of Nitrogen (NO<sub>x</sub>) & Carbon mono oxide (CO).

**Noise Environment:** Noise level being monitored in Ambient & Work zone area at 12 Locations once in a month. The noise levels at each location were recorded for 24 hours, using integrated sound level meter.

**Water Quality:** The existing status of water quality for groundwater and surface water was assessed by collecting the water samples from Hand pumps/Bore wells from the village viz. Sidhikhurd, Tiwara, Sasan, Harawaha, and surface water sample from Mayar River, Rihand River & Gawayal Nalaha. Potable water from Plant & Security Camp is also analyzed. The overall water quality parameters have been found to be below the stipulated permissible limits.

**Green Belt Development:**

A green belt is being developed along the plant boundary, along the roads & other available open space, using native species avenue plantation as per the CPCB guidelines for curbing emission and providing aesthetic look.

**4,68,367** covering an area of **659.81 acres**, with survival rate of **85 %** have already been planted till September, 2023. A nursery for growing the saplings, being used for plantation purposes, has also been established inside the plant premises.

**Criteria used for selection of species for greenbelt:**

- Fast growing
- Thick canopy cover
- Perennial & evergreen
- Large leaf area index
- High sink potential
- Efficient in absorbing pollutants without affecting their growth
- Suitable for the local seasons

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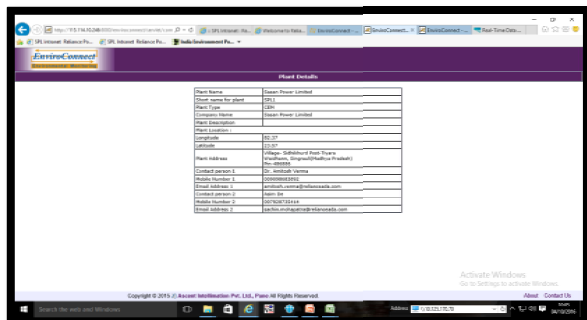
## Sasan Ultra Mega Power Project (1<sup>st</sup> April, 2023 to 30<sup>th</sup> September, 2023)

### Online Monitoring Stations:

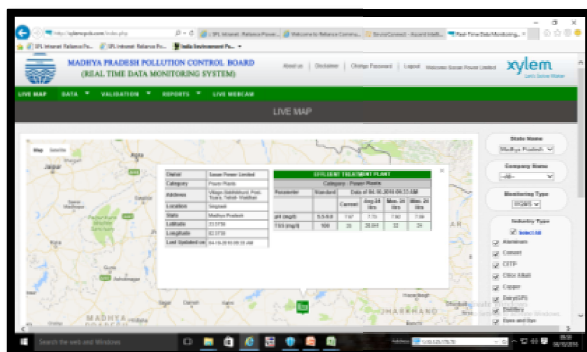
- ✓ **Ambient Air Quality:** We have installed 3 nos. of Continuous Ambient Air Quality Monitoring Stations as per the guidelines of Madhya Pradesh Pollution Control Board to monitor PM 10, PM 2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO.



- ✓ **Flue Gas Emission Monitoring,** we have installed Continuous emission monitoring system in all the six stacks & data being transferred on CPCB server.



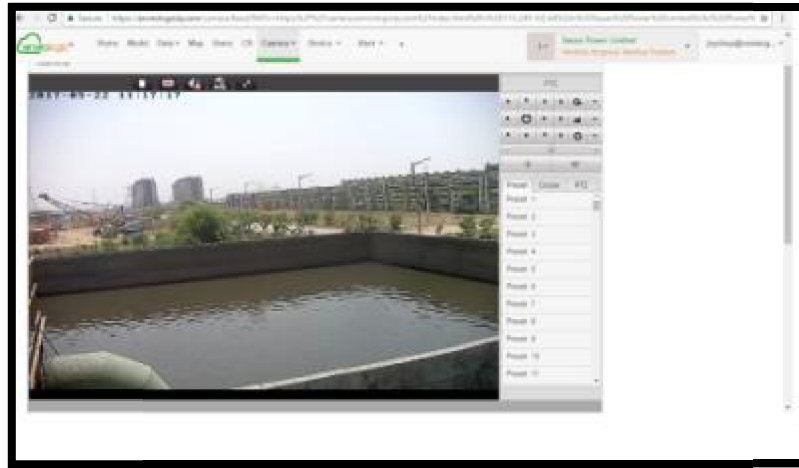
- ✓ **Online Effluent monitoring system:** We have also installed Online Effluent Monitoring System and data being transferred on CPCB server.



**Compliance Status Report for “Environmental Clearance” Accorded by the MoEF&CC  
For**

**Sasan Ultra Mega Power Project  
(1<sup>st</sup> April, 2023 to 30<sup>th</sup> September, 2023)**

- ✓ **IP based camera** with night vision facility installed Nr. ETP and linked with MPPCB server.



- ✓ **Electronic Environmental Parameter Display Board** Installed at the main gate of factory premises.

