

To

The Director (S)
Ministry of Environment, Forests & Climate Change
Integrated Regional Office,
1st Floor,
Additional Office Block For GPOA
Shastri Bhavan, Haddows Road,
Nungambakkam, Chennai 600 006

Dear Sir,

Sub. : Half yearly Compliance Report upto Sep 22 - Reg
Ref. : MoEF clearance No J-11011/411/2006-I A II (I) dt 01.08.2007

With reference to the above we are sending herewith the Half - yearly report ending September 22 We obtained the CTO from TNPCB for the expansion and started the operations. Please note that we have not obtained any financial assistance from any Institution and met with internal funds only.

The present status of the project is in running condition.

Kindly acknowledge the receipt of the same.

Thanking you
Yours faithfully
For GLOBAL CALCIUM PVT. LTD.,



Authorised Signatory

Encl. : As above

**HALF YEARLY ENVIRONMENTAL CLEARANCE
COMPLIANCE REPORT ENDING SEPTEMBER 2022**

EC OBTAINED Vide Letter Nos

F. No. J-11011/411/2006-IA-II(I) dated 1st August 2007

by

M/s Global Calcium Pvt. Ltd.,

at Plot No.125,126 , SIPCOT Industrial Complex, Hosur ,
District Krishnagiri, Tamil Nadu. 635126

Submitted to

Ministry of Environment, Forests and Climate Change Integrated Regional
Office, I Floor, Additional Office Block for GPOA, Shastri Bhavan, Haddows
Road Nungambakkam, Chennai 600 006



Sep 22

GLOBAL CALCIUM PRIVATE LTD.,
125&126, SIPCOT COMPLEX, HOSUR 635 126
Ref : No. J-11011/411/2006-IA-II(I) dated 1st August 2007

Compliance Report for the Period ending 31.09.2022

Sl. No.	Specific Conditions	Compliance
1.	All electrolytic cells shall be connected to a common Fume Scrubber which in turn shall be connected to the stack. Bag filter shall be provided for drying and milling section. Stack height with these will be 12m. The Boiler will have a stack of 15m and DG Sets will have a stack of 8-10m. Spray driers will also have +bag filters connected to stack of 22m.	We have connected all electrolytic Cells to a common fume scrubber of 2 Nos which in turn is connected to a stack of 12mts height each. We have provided Exclusive bag filter provided for the drying and milling section and is connected to a stack of 12mts height. Further boiler (Briquette fired- Agro waste) with 30 meter height and DG sets each of 12 meter height are also provided. Spray drier with multicone cyclone separator connected to 22 meters height of stacks.
2.	Bromine shall be analysed in ambient air and from the inlet and outlet of scrubber once in a week.	We are monitoring the Bromine on a regular basis in the ambient air and at the inlet and outlet of the scrubber.
3.	The gaseous emissions (SO ₂ , NO _x , and Br) along with particulate matter and RSPM from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	We are monitoring the gaseous emissions (SO ₂ , NO _x , and Br) along with particulate matter and RSPM from the various process units through approved laboratory once in a month and the levels are within the limit. Bromine also monitored and found BDL. We assure that in the event of failure of the pollution control systems adopted by us, we will not restart the unit till it is rectified.
4.	The ambient air quality monitoring stations will be set up in consultation with the State Pollution Control Board. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions. On-line data for	We are monitoring the ambient air quality in upwind direction and down wind direction in consultation with PCB. Stack emission monitored data is transferred on line to CARE air center of TNPCB and the PCB informed us the same will be



	air emissions shall be transferred to the CPCB and SPCB regularly. The instruments used for ambient air quality monitoring shall be calibrated regularly.	transmitted to CPCB by them. The instruments used for ambient air quality monitoring is calibrated regularly by third party.
5.	Dedicated scrubbers and stacks of appropriate height as per the Central pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.	We have provided two numbers of dedicated Bromine scrubbers with appropriate stack height and the scrubbed water is being sent to ETP for further treatment.
6.	As submitted, 0.6 ha will be developed as green belt as per the CPCB guidelines.	We have developed more than 0.6 ha of green belt within our factory premises by planting different kinds/species and the survival rate is more than 95%.
7.	Fugitive emissions in the work zone environment, product, raw materials storage area shall be regularly monitored. The emission shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.	We are monitoring the fugitive emissions in the work zone environment, product, raw materials storage area through approved laboratory and the levels are within the limit.
8.	The raw water requirement shall not exceed 142 KLD after the expansion. Raw water shall be sourced from the SIPCOT water supply.	As on today we are consuming less than 92 KLD which is well below the permitted limit and SIPCOT is supplying the water to us.
9.	Wastewater generation shall not exceed 60 KLD. Two stage R.O. Plant shall be installed for final treatment of the waste water and the treated water will be used for Green Belt development. There shall be no effluent discharge from the plant. The treated wastewater shall meet the relevant norms for the wastewater as provided by the SPCB. The unit shall utilize treated water.	We have installed ETP. Our waste water generation per day is 52 to 55 KLD for the Bulk drug division. The same is treated and the treated waste water is sent to RO plant in turn permeate is reused in the cooling tower as well as in boiler. By doing this we are achieving 'Zero Discharge'. We are evaporating the RO reject in MEES and ATFD
10.	About 3.0 TPA of process sludge and 1.5 TPA of ETP sludge will be generated which is non toxic as per the data submitted by the unit. The solid waste shall be collected in polythene bags and shall be stored within plant premises in a temporary roofed storage yard with impervious flooring till a common facility develops. The storage shall be covered and floor shall be non-leachable.	We are collecting the process sludge and ETP sludge in the polythene bags and storing in a closed room which is having impervious floor. The generation of solid waste is within the limit. We are sending this sludge to Tamil Nadu Waste Management Limited, Gummidipoondi, Chennai and Green Gene Enviro Protection Infrastructure, Ranipet. for further treatment.



11.	The company shall develop rainwater-harvesting structures to harvest the run off water for recharge of ground water.	We have made Rain Water Harvesting system at 7 places within our factory.
12.	Occupational health surveillance (OHS) of the workers shall be done on a regular basis and records maintained as per the Factories Act.	As per the Factories' Act we are checking the occupational health for all the workers and maintaining records.
13.	Appropriate and adequate PPEs shall be provided to all the workers and employees and it use of these may be ensured.	We have provided PPE to all the people and all are using the same.
14.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.	We have developed good green belt within our factory. Under CSR scheme we extended financial assistance to various schools, hospitals and orphanages in and around Hosur. Under this scheme we have incurred Rs. 160 lakhs over the last 3 years.
15.	All safety precautions shall be implemented as given in the EIA/EMP report as submitted to the Ministry.	We have implemented all the safety precautions which are given in EIA/EMP reports.
16.	Responses to the issues raised during the Public Hearing shall be implemented.	We have implemented all the issues raised during the public hearing.

General Conditions :

1	The project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board.	We are implementing all the conditions stipulated by the TNPCB. We have valid consent renewal upto 2022. Now we have applied for renewal and awaiting for the same.
2.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	We have gone for an expansion of additionally about 14 products (60 TPA). These 14 products will be manufactured based on the market demand at a time one or more products within the existing factory premises. We got the Environment Clearance for our expansion. We got the required CTO from TNPCB
3.	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	At no time, the emissions levels have gone beyond the prescribed limits. We will shut-down the respective unit in the event of failure of any pollution control system adopted by us until it is rectified.
4.	The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended	An authorization from TNPCB under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January,



	in October, 1994 and January, 2000. authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.	2000. Authorisation for Hazardous waste has been obtained from TNPCB including the expansion.
5.	The overall noise levels and around the plant area shall be kept well within the standards 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 Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Through external agency at 10 locations the noise levels are monitored once in a month during day and night time and the levels are within the limit
6.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.	We have implemented all the environmental protection measures and safeguards as recommended in the EIA/EMP report
7.	A separate Environmental Management cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and monitoring functions.	We have environmental management cell with laboratory to monitor effluent quality. Further we are using the external laboratory facility for monitoring ambient air quality, stack emission and noise levels.
8.	The project authorities shall earmark separate funds to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	An amount of Rs.9.2 Crores was allocated for environment management purpose and every year we are spending Rs. 90.0 lakhs under recurring expenditure including green belt development.
9.	The implementation of the project vis-à-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry / SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and displayed at the website of the company.	We are submitting the half yearly compliance report regularly to the Regional Office, Chennai and have uploaded the same in our company's web site
10.	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 SPCB/Committee and may also be seen at website of the Ministry at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely	We have given advertisement in two local news papers and submitted a copy of the same to Regional Office, Bangalore.

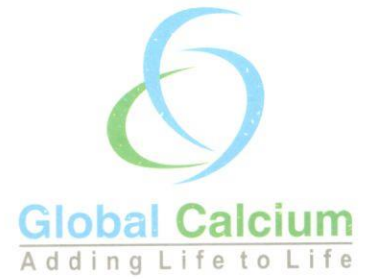


	circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	
11.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	We have informed the same to the Regional Office, Bangalore



GC/786/ MoEF/ RO/ 2022-23

07. 11.2022



To

The Director (S)
Ministry of Environment, Forests & Climate Change
Integrated Regional Office,
1st Floor,
Additional Office Block For GPOA
Shastri Bhavan, Haddows Road,
Nungambakkam, Chennai 600 006

Dear Sir,

Sub. : Half yearly Compliance Report upto Sept 22 - Reg
Ref. : MoEF clearance No J-11011/411/2006-I A II (I) dt 16.08.2016

With reference to the above we are sending herewith the Half - yearly report ending September 22. We obtained the CTO from TNPCB for the expansion and started the operations. Please note that we have not obtained any financial assistance from any Institution and met with internal funds only.

The present status of the project is in running condition.

Kindly acknowledge the receipt of the same.

Thanking you
Yours faithfully
For GLOBAL CALCIUM PVT. LTD.,

Authorised Signatory

Encl. : As above

**HALF YEARLY ENVIRONMENTAL CLEARANCE
COMPLIANCE REPORT ENDING Sep- 2022**

EC OBTAINED Vide Letter Nos

F. No. J-11011/411/2006-IA-II(I) dated 16th August 2016

by

M/s Global Calcium Pvt. Ltd.,

at Plot No.125,126 , SIPCOT Industrial Complex, Hosur ,
District Krishnagiri, Tamil Nadu. 635126

Submitted to

Ministry of Environment, Forests and Climate Change Integrated Regional
Office, I Floor, Additional Office Block for GPOA, Shastri Bhavan, Haddows
Road Nungambakkam, Chennai 600 006



GLOBAL CALCIUM PVT. LTD., HOSUR

Half Yearly Compliance Report ending Sept 22

Environmental Clearance No – J-11011/411/2006- I A II (I) dt 16.08.2016

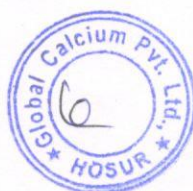
S.No	Condition	Compliance
A	SPECIFIC CONDITIONS:	We are following the standards prescribed as per GSR 608(E) dt 21.7.2010
i	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July 2010 and amended time to time shall be followed by the unit.	
ii	Bag filter and the stack of adequate height shall be provided to additional coal fired boiler. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Mechanical Dust collectors provided for the boiler stack and provided adequate stack height of 30 meters
iii	Scrubber shall be provided to control process emissions viz. Br ₂ . The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.	We have connected the fume scrubber with soda solution as media, scrubbed liquid is being sent to ETP. The efficiency of scrubber is being monitored regularly
iv	Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R. No 826(E) dated 16 th September 2009. The levels of PM _{2.5} , PM ₁₀ , SO ₂ , NO _x , VOC, CO and Br ₂ shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its 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 State Pollution Control Board (SPCB).	We have installed 'On line Monitoring of gaseous emission and the same is connected to Tamil Nadu Pollution Control Board. Apart from that we are regularly monitoring and report sent to TNPCB. The data uploaded in our web site. We are sending the same to Zonal office regularly.
v	In plant control measured for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling and conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits	We are monitoring the fugitive emissions in the work zone environment, product, raw materials storage area through approved laboratory and the levels are within the limit.



	stipulated by the SPCB. Odour management plan shall be implemented.	
vi	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	We have provided adequate height of stacks with Acoustic enclosure
vii	Solvent management shall be carried out as follows: 1. Reactor shall be connected to chilled brine condenser system 2. Reactor and solvent handling pump shall have mechanical seals to prevent leakages. 3. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery. 4. Solvents shall be stored in a separate space Specified with all safety measures. 5. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. 6. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. 7. All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	We have connected the chilled brine condenser system to Reactor. We have provided the mechanical seals for the pumps to prevent leakage. We have provided sufficient condensers to achieve maximum recovery We have provided separate space with all safety measures. Proper earthing provided wherever solvent is being handled. All electrical items like motors, light fittings etc., are provided with flame proof and tanks are provided with breather valve. All solvent storage tanks are connected with vent condenser.
viii	Total fresh water requirement from SIPCOT water supply shall not exceed 92 m ³ /day.	As on today we are consuming less than 92 KLD which is well below the permitted limit and SIPCOT is supplying the water to us.
ix	Effluent generation shall not exceed 72m ³ /day and treated in the ETP followed by RO. Permeate will be recycled/reused in process. RO rejects will evaporated in MEE. Condensed water from Mechanical Evaporator is also reused Condensate and recover water will be recycled/reused within factory premises.	We have installed ETP. Our total waste water generation per day is 65 to 70 KLD including sewage. The same is treated and the treated waste water is sent to RO plant in turn permeate is reused in the cooling tower as well as in boiler. By doing this we are following 'Zero Discharge'. We are evaporating the RO reject in MEES and ATFD.
x	No effluent shall be discharged outside the premises and zero liquid discharge should be followed.	We have installed ETP with RO stripper, MEE & ATFD and achieved ZLD norms and we are not discharging any effluent outside



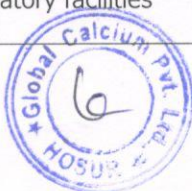
xi	Process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	We made separate arrangements for waste water and storm water drains separately
xii	Automatic/online monitoring system (24x7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.	We have provided on line monitoring for stack, Electromagnetic Flow Meter and Camera for the ETP area are provided and connected to TNPCB and CPCB
xiii	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboy etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps	Proper care is being taken to handle/ storage of Hazardous chemicals. All solvent transfer are through pump only.
xiv	As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process inorganic and evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry.	We are collecting the process sludge and ETP sludge in the HDPE bags and storing in a closed room which is having impervious floor. We are sending this sludge to Tamil Nadu Waste Management Limited, Gummidipoondi, Chennai or Green Gene Enviro Protection Ranipet for further treatment. The Boiler ash is being sent to Brick manufacture as proposed.
xv	The company shall obtain Authorization for collection, storage and disposal of hazardous water under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from TPCB shall be obtained for disposal of solid/hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency.	We have obtained Hazardous Waste Management Authorisation for the existing and for expansion operation.
xvi	The company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	We are strictly following the Hazardous waste rules.
xvii	Fly ash should be stored separately as per CPCB guidelines so that it should not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash and dust should be avoided.	We are not generating any fly ash. The ash generated from the boiler (wood fired) are being sent to Brick manufacturer. The ash is being stored in separate shed without any access to air or rain water.
xviii	The company shall undertake following waste minimization measures: a. Metering and control of quantities of active ingredients to minimize waste.	We are handling the process liquid in closed pipes and recovering the spilled product as much as possible



	b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system f. Use of high pressure hoses for equipment clearing to reduce waste water generation.	We reuse wherever possible. We use jet pump for floor and equipment cleaning.
xix	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	We have made arrangements for protection of possible fire. We provided Fire hydrants.
xx	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	As per the Factories' Act we are checking the occupational health for all the workers and maintaining records.
xxi	As proposed, green belt of 0.6 ha shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	We have developed more than 0.6 ha of green belt within our factory premises by planting different kinds/species. We are using SIPCOT water tank storage area (0.7 Acres) additionally for the green belt with proper permission. Plot no CP 173.
xxii	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment. GENERAL CONDITIONS:	During construction period we engaged labours from neighboring village
i	The project authorities shall strictly adhere to the stipulations made by the State Government and T.N. Pollution Control Board.	We are implementing all the conditions stipulated by the TNPCB.
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations of alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environment protection measures required, if any.	We obtained the Environment Clearance and we obtained the CTO from TNPCB. We will obtain proper permission for any modification before starting.



iii	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	We are monitoring the ambient air quality in upwind direction and down wind direction in consultation with PCB.
iv	The overall noise levels in and around the plant area shall be kept well within the standards 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 Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time and 70 dBA (night time).	Through external agency at 10 locations the noise levels are monitored once in a month during day and night time and the levels are within the limit.
v	The company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	We have made Rain Water Harvesting system at 7 places within our factory.
vi	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees n handling of chemicals shall be imparted.	We are providing training to all employees and being monitored by a Safety Manager. As per the Factories' Act we are checking the occupational health for all the workers and maintaining records.
vii	Usage of Personnel Protection Equipments (PPEs) by all employees/workers shall be ensured.	We have provided PPE to all the people and all are using the same.
viii	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	We have implemented all the environmental protection measures and safeguards as recommended in the EIA/EMP report.
ix	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	We are doing many projects on CSR activities for Health, Education etc., Copy enclosed.
x	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	We are undertaking many eco-developmental measures.
xi	A separate Environmental Management Cell equipped with full fledged laboratory facilities	We have separate Management Cell involving, maintenance, Environmental Engineer, Safety Manager, etc.,



	shall be set up to carry out the Environmental management and Monitoring functions.	
xii	The company shall earmark sufficient funds toward capital cost and recurring cost/annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	We earmarked Rs.2 Crores was allocated for environment management purpose and being utilized for the same.
xiii	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local body and the local NGO, if any, from who suggestion / representations, if any, were received while processing the proposal.	Copy of clearance letter was sent to Hosur Municipality on 7.9.2016.
xiv	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional office of MoEF, the respective Zonal office of CPCB and the T.N. Pollution Control Board. A copy environmental clearance and six monthly compliance status report shall be posted on the website of the company.	We are submitting the six monthly report to the Zonal Office regularly and the report is being posted in our web site.
xv	The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	We are regularly submitting the Environmental statement in Form V to Tamil Nadu Pollution Control Board. Copy attached.
xvi	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 SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in . This shall 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 locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	We have given advertisement in two local newspapers on 30.8.2016 and submitted a copy of the same to Regional Office, Bangalore.



R
15 Sep 22



TAMILNADU POLLUTION CONTROL BOARD

15/9/22

Category of the Industry :

RED

CONSENT ORDER NO. 2208142797886

DATED: 06/09/2022.



PROCEEDINGS NO.T6/TNPCB/F.0066HSR/RL/HSR/W/2022

DATED: 06/09/2022

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT – M/s. GLOBAL CALCIUM PVT LTD , S.F.No. Plot No.124, 125, 126 & CP 173 SIPCOT, JUZUVADI village, Hosur Taluk and Krishnagiri District - Renewal of Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg.

REF: 1. Board Proc. No. T1/TNPCB/F.0066HSR/RL/HSR/A&W/2019 DATED: 06/11/2019.
2. Application No. 42797886 dt: 02/02/2022
3. IR.No : F.0066HSR/RL/JCEE-M/HSR/2022 dated 21/07/2022.

RENEWAL OF CONSENT is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as “The Act”) and the rules and orders made there under to

Director - Operations
M/s.GLOBAL CALCIUM PVT LTD,
S.F.No. Plot No.124, 125, 126 & CP 173 SIPCOT,
JUZUVADI Village ,
Hosur Taluk ,
Krishnagiri District .

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending March 31, 2024

JOSEPHINESAHAYARANI

Digitally signed by JOSEPHINESAHAYARANI
Date: 2022.09.07 12:04:10 +05'30"

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai



TAMILNADU POLLUTION CONTROL BOARD

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
Product Details			
1.	Pharmaceutical Bulk Drugs and Chemicals Such as Mineral Salts of Gluconates, Citrate, Lactate, Lactobionate, Fumerates, Oratates etc	1641	Ton/Year
2.	Calcium Glubionate, Calcium Boro Gluconate, Calcium Lacto gluconate and other Mineral salts by Spray Drier Process	2615	Ton/Year
3.	Out sourcing and Packing of Pharmaceutical Bulk Drugs and chemicals such as Mineral salts of Gluconates, Citrate, Lactate, Lactobionate, Fumerates, Oratates, etc - By conversion Process	1400	Ton/Year
4.	Outsourcing and packing of Calcium Glubionate, Calcium Boro gluconate, Calcium Lacto Gluconate and other mineral Salts by conversion (Spray Drier Process)	1215	Ton/Year
5.	Active Pharma Ingredients(API) such as Iron Sucrose, Calciumdobesylate, Tiemonium methyl sulphate, Ethamslate, Perazin dimaleate, Tolperisone HCl, Calciumglycerophosphate, Magnesium glycerophosphate, Sodium glycerophosphate, Sodium beta glycerophosphate, Carbasalate Calcium, CalciumD saccharate, Alendronate sodium, Benfotamine, Calcium folinate, Phenrocoumon, strontium ranelate, etc.,	60	Ton/Year

2. This renewal of consent is valid for operating the facility with the below mentioned outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Type : Sewage			
1.	TREATED SEWAGE	5.6	On land for gardening
Effluent Type : Trade Effluent			
1.	TRADE EFFLUENT 1	54.4	Zero Discharge Achieved Permeate reused and rejects evaporated
2.	TRADE EFFLUENT 2	12.8	Zero Discharge Achieved Permeate reused and rejects evaporated



TAMILNADU POLLUTION CONTROL BOARD

Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

Additional Conditions:

1. The unit shall comply with the conditions imposed in EC No. F.No.J11011/411/2006-IA-II (I), Dated: 16.08.2016.
2. The unit shall operate and maintain the STP efficiently and continuously so as that quality of treated sewage shall achieve the standards prescribed by the Board.
3. The unit shall utilize the treated sewage for gardening purposes/reuse in toilet flushing.
4. The unit shall operate and maintain the ETP, & RMS continuously and efficiently so as to achieve the standards prescribed by the Board.
5. The unit shall achieve ZLD system for trade effluent at all times.
6. The unit shall obtain and submit the amendment for inclusion of Plot Nos: 124, CP-173, SIPCOT, Phase I, Hosur and boiler 1x4T in the EC already issued to the unit from MoEF&CC, New Delhi within six months time from the date of issue of the renewal consent order.
7. The unit shall provide online pH and TDS meter in the storm water drain to ensure that no chemical contamination takes place during rain outside the premises.
8. The unit shall comply with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
9. The industry shall dispose the Non-hazardous waste then and there without any accumulation.
10. Automatic / Online monitoring system (24 x 7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available and connect to the WQWC, TNPCB portals.
11. The unit shall strictly comply with the rules and guidelines under Manufacture, Storage and import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
12. The unit shall maintain rainwater harvest from the roof tops of the buildings and storm water drains to recharge the ground water.
13. The unit shall adhere to the recommendation made in the EIA/EMP in respect of the project.
14. In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.
15. The unit shall furnish the details of activities done through 'Corporate Social Responsibility' along with the amount spent every year.
16. The unit shall submit the Environmental Statement.
17. The unit shall comply with E-Waste Management Rules 2016. E-Waste as listed in schedule -I, generated by them shall be channelized through collection centre or dealer of authorized producer or dismantler or recycler or through the designated take back service provider of the producer to authorized dismantler or recycler. The unit shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the TNPCB. The unit shall file annual returns in Form-3, to the TNPCB on or before the 30th day of June following the financial year.
18. The unit shall furnish the exact green belt area earmarked / developed as per the norms in the unit's premises showing photographs along with longitude and latitude co-ordinates.
19. The unit shall not use 'use and throwaway plastics' such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead it shall encourage use of eco friendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates/cups, cloth bag, Jute bag etc.

JOSEPHINESAHAYARANI Digitally signed by JOSEPHINESAHAYARANI
Date: 2022.09.07 12:04:34 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
Director - Operations,
M/s.GLOBAL CALCIUM PVT LTD,
Global Calcium Pvt Ltd.,
Plot No. 124,125,126, Sipcot Industrial Complex, Phase-I



TAMILNADU POLLUTION CONTROL BOARD

Hosur-635126

Krishnagiri, Dt,

Pin: 635126

Copy to:

1. The Commissioner, HOSUR-Municipality, Hosur Taluk, Krishnagiri District
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, HOSUR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Vellore.
4. File

Category of the Industry :

RED



CONSENT ORDER NO. 2208242797886 DATED: 06/09/2022.

PROCEEDINGS NO.T6/TNPCB/F.0066HSR/RL/HSR/A/2022 DATED: 06/09/2022

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT –M/s. GLOBAL CALCIUM PVT LTD , S.F.No. Plot No.124, 125, 126 & CP 173 SIPCOT, JUZUVADI village, Hosur Taluk and Krishnagiri District - Renewal of Consent for the operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) –Issued- Reg.

REF: 1. Board Proc. No. T1/TNPCB/F.0066HSR/RL//HSR/A&W/2019 DATED: 06/11/2019.
2. Application No. 42797886 dt: 02/02/2022
3. IR.No : F.0066HSR/RL/JCEE-M/HSR/2022 dated 21/07/2022.

RENEWAL OF CONSENT is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as “The Act”) and the rules and orders made there under to

Director - Operations
M/s.GLOBAL CALCIUM PVT LTD,
S.F.No. Plot No.124, 125, 126 & CP 173 SIPCOT,
JUZUVADI village,
Hosur Taluk,
Krishnagiri District.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending March 31, 2024

JOSEPHINESAHAYARANI

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Date: 2022.09.07 12:02:40 +05'30'

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
Product Details			
1.	Pharmaceutical Bulk Drugs and Chemicals Such as Mineral Salts of Gluconates, Citrate, Lactate, Lactobionate, Fumerates, Oratates etc	1641	Ton/Year
2.	Calcium Glubionate, Calcium Boro Gluconate, Calcium Lacto gluconate and other Mineral salts by Spray Drier Process	2615	Ton/Year
3.	Out sourcing and Packing of Pharmaceutical Bulk Drugs and chemicals such as Mineral salts of Gluconates, Citrate, Lactate, Lactobionate, Fumerates, Oratates, etc - By conversion Process	1400	Ton/Year
4.	Outsourcing and packing of Calcium Glubionate, Calcium Boro gluconate, Calcium Lacto Gluconate and other mineral Salts by conversion (Spray Drier Process)	1215	Ton/Year
5.	Active Pharma Ingredients(API) such as Iron Sucrose, Calciumdobesylate, Tiemonium methyl sulphate, Ethamslate, Perazin dimaleate, Tolperisone HCl, Calciumglycerophosphate, Magnesium glycerophosphate, Sodium glycerophosphate, Sodium beta glycerophosphate, Carbasalate Calcium,CalciumD saccharate, Alendronate sodium, Benfotamine, Calcium folinate, Phenrocoumon, strontium ranelate, etc.,	60	Ton/Year

2. This renewal of consent is valid for operating the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent/Amendment has to be obtained.

I	Point source emission with stack :			
Stack No.	Point Emission Source	Air pollution Control measures	Stack height from Ground Level in m	Gaseous Discharge in Nm3/hr
01	SPRAY DRIER 1	Multi cyclone dust Collector with stack	22	
02	SPRAY DRIER 2	Multi cyclone dust Collector with stack	22	
03	Boiler 6 Tons (1 x 4 Tons + 1 x 2 Tons)	Dust collector 1 - connected to 4T Boiler & Dust collector 2 - connected to 2T Boiler with existing Common Stack	30	
04	Boiler 2 Tons	Dust collectors with stack	30	
05	DG 320 KVA	Acoustic enclosures with stack	7	
06	DG Set -500 KVA	Acoustic enclosure with stack	7.0	
07	DG Set -500 KVA	Acoustic enclosures with stack	7.0	
08	DG Set - 380 KVA	Acoustic enclosures with stack	7.0	
09	DG Set - 1010 KVA	Acoustic enclosures with stack	16.0	
10	DG Set - 1010 KVA	Acoustic enclosures with stack	16.0	
11	ELECTROLYTIC CELLS - PLANT2	Wet scrubber with stack	12.0	
12	ELECTROLYTIC CELLS - PLANT 4	Wet scrubber with stack	12.0	
13	SPD - A Reactor	Stack	15.5	
14	SPD B -Reactor	Wet scrubber with stack	15.5	
15	Plant 1 Reactor	Wet scrubber with stack	10.2	
16	120 TR FBD- Plant 1	Bag Filters with stack	6.0	
17	60TR FBD Plant 2	Bag Filters with stack	6.0	
18	60TR FBD Plant 1	Bag Filters with stack	6.0	
19	120 TR FBD- Plant 1	Bag Filters with stack	6.0	
20	Reactor I,II & III	Bag Filters with stack	20.0	

21	120 TR FBD	Bag Filters with stack	15	
II	Fugitive/Noise emission :			
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	
1.	SOLVENT STORAGE	Fugitive	CONDENSE R WITH CHILLED WATER COOLANT	
2.	DG set	Noise	Acuoustic Enclosure	
3.	DG set	Noise	Acuoustic Enclosure	
4.	DG set	Noise	Acuoustic Enclosure	
5.	DG set	Noise	Acuoustic Enclosure	
6.	DG Set	Noise	Acuoustic Enclosure	
7.	DG set	Noise	Acuoustic Enclosure	

Special Additional Conditions:

- i. The unit shall install the approved retrofit emission control device/equipment with at least 70% Particulate matter reduction efficiency on all DG sets with capacity of 125 KVA and above or otherwise the unit shall be shift to gas based generators within the time frame prescribed in the notification No. TNPCB/Labs/DD(L)02151/2019 dated 10.06.2020 issued by TNPCB.
- ii. The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

Additional Conditions:

1. The unit shall comply with the conditions imposed in EC No. F.No.J11011/411/2006-IA-II (I), Dated: 16.08.2016.
2. The unit shall operate and maintain Air Pollution Control measures and shall ensure that the emission satisfy the AAQ / Stack emission/ANL standards prescribed by the Board.
3. The unit shall obtain and submit the amendment for inclusion of Plot Nos: 124, CP-173, SIPCOT, Phase I, Hosur and boiler 1x4T in the EC already issued to the unit from MoEF&CC, New Delhi within six months time from the date of issue of the renewal consent order.
4. The unit shall adhere to National Emission Standards for Organic Chemicals Manufacturing industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit.
5. The unit shall operate and maintain the Scrubber provided to control process emissions viz. Br2. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.
6. The unit shall collect Ambient air quality data as per NAAQES standards notified by the Ministry vide G.S.R. No.826(E) dated 16th September, 2009. The levels of PM2.5, PM10, SO2, NOx, VOC, CO and Br2 shall be monitored in the ambient air and emissions from the stack and displayed at a convenient location near the main gate of the company and at important public places. The unit shall upload the results of monitored data on its website and shall update the same periodically. It shall be connected to the CAC, TNPCB/CPCB portals.
7. The unit shall comply with the Standard Operating Procedure (SoPs) for specific utilisation processes- Recovery of solvents from spent solvents as hazardous waste under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016.
8. The unit shall ensure that all the in-plant control measures effectively operate to control fugitive emissions from all the vulnerable sources so as to emissions level confirm to the limits stipulated by the SPCB.
9. The unit shall ensure that the port hole and ladder facility is safe to carry out monitoring. In place of monkey ladder, spiral type / scaffold ladder shall be provided to ensure the safety of monitoring personnel.
10. The unit shall periodically carry out Leak detection and Repair (LDAR) study and furnish report to the Board after obtaining CTO- Expansion.
11. The unit shall provide Leak detection and Repair (LDAR) sensor in the process activities so as to control the leakage/spillage in the manufacturing activities and carry out LDAR study and furnish report within a month.
12. The unit shall provide adequate solvent recovery system to ensure maximum recovery of solvents there by to avoid VOC emissions to Ambient Air.
13. The unit shall provide adequate TVOC, HCL monitoring system to monitor VOC level in Ambient Air in the premises with computer arrangement system
14. The unit shall provide HCL monitoring system and connect VOC emission to CAC, TNPCB immediately within a month.

JOSEPHINESAHAYARANI Digitally signed by JOSEPHINESAHAYARANI
Date: 2022.09.07 12:03:05 +05'30'

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

To
Director - Operations,

M/s.GLOBAL CALCIUM PVT LTD,
Global Calcium Pvt ltd.,
Plot No. 124,125,126, Sipcot Industrial Complex, Phase-I
Hosur-635126
Krishnagiri. Dt,
Pin: 635126

Copy to:

- 1.The Commissioner, HOSUR-Municipality, Hosur Taluk, Krishnagiri District .
 - 2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, HOSUR.
 - 3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Vellore.
 - 4. File
-

Ref: GC / 786 /054/TNPCB / 2020-21

**The District Environmental Engineer,
Tamil Nadu Pollution Control Board,
Plot no.149-A, First floor, Dharga,
HOSUR – 635126.**

Date: 27.04.2021

Sir,

Sub: TNPCB-(FORM-V): Environmental Statement for the year ending 31st March 2021 –
Reg.

With reference to the above, we are herewith submitting the Environmental Statement for the
Financial year ending 31st March 2021 in duplicate.

Kindly acknowledge and receipt of the above.

Thanking you

Yours faithfully,
For **Global Calcium Pvt. Ltd.**



Authorised Signatory

Encl: as above



email: info@globalcalcium.com

www.globalcalcium.com

GLOBAL CALCIUM PVT. LTD.

REGD. OFFICE / PLANT :
125 & 126, SIPCOT Industrial Complex,
Hosur 635 126, India.
Tel : 91 - 4344 - 406000
276958 / 276959
Fax 91 - 4344-276126

CORPORATE OFFICE :
No.1, Hundred Feet Road,
V Block Koramangala,
Bangalore 560 095, India
Tel : 91-80-4055 4500
Fax : 91-80-25530807



FORM-V

(See rule 14)

Environmental statement for the financial year ending with 31st March 2021

- i. Name and address of the owner/
Occupier of the industry or operations : Satish Hebbar R
Director - Operations
No. 124,125 &126 Sipcot Industrial Complex.
Tel: 91-4344-406000, 276958/276959.
Fax: 91-4344-276359
Hosur 635 126
- ii. Industry category primary-(STC Code) : Red Large
Secondary-(STC Code)
- iii. Production category/units. : Red
- iv. Year of establishment : 1980
- v. Date of the last environmental
Statement submitted. : 20.05.2020

PART -B**1. Water consumption:**

Water consumption in m3/day	162.94 m3/day
Process	79.34
Cooling	51.6
Domestic	07
Garden	25

S.No	Name of products	Process water consumption per unit of products (KL)-During the previous year from April 2019 to Mar 2020	Process water consumption per unit of products (KL) – During the current year from April 2020 to March 2021
1.	Pharmaceutical Bulk drugs and chemicals such as mineral salts.	15.0 lit/Kg	15.2 lit/Kg
2.	API Process	90.0lit/Kg	88.0 lit/Kg

2. Raw Material consumption:

S. No	Name of raw materials	Name of products	Raw material consumption in MT per unit of output- During the previous year from April 2019 to Mar 2020	Raw material consumption in MT per unit of output – During the current year from April 2020 to March 2021
1	GDL, Lactic Acid, Citric Acid, Oratates etc...	Pharmaceutical Bulk drugs and chemicals such as mineral salts.	1.05	0.95
2	Carbonate (oxide of calcium, Magnesium Zinc etc....		0.35	0.35

* Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART –C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons
a)Water	ZLD plant followed by ETP, BTP, RO & ATFD plants and the quantity not exceeded the limit.	Standards are being maintained well within the limit prescribed by board.	Standards are being maintained well within the limit prescribed by board.
b)Air	APC measures followed and not exceeded the limit.	Standards are being maintained well within the limit prescribed by board	Standards are being maintained well within the limit prescribed by board

PART –D

Hazardous Wastes

(As specified under Hazardous wastes (management & Handling Rules, 1989))

S.No.	Hazardous wastes	Total quantity During the previous year from April 2019 to Mar 2020 (KG)	Total quantity During the current year from April 2020 to March 2021 (KG)
1	Process Residue & waste (28.1)	3870	23940
2	Spent Carbon (28.3)	4043	9857
3	Spent Solvent (28.6)	21250	167589
4	Empty barrels/Containers/ liners (33.1)	1742	4882
5	Chemical sludge from WWTP (35.3)	2445	6347
6	MEE Salt (35.3)	10825	101296

PART –E
Solids Wastes

S.No.	Solids wastes	Total quantity During the previous year from April 2019 to Mar 2020 (KG)	Total quantity During the current year from April 2020 to March 2021 (KG)
1	From Process	Nil	Nil
2	From Pollution Control Facilities	Nil	Nil
3	Quantity Recycled or re-utilized.	Nil	Nil

PART –F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of Wastes.

- The used spent oil is received from DG set/machineries being collected in HDPE barrels stored with impervious platform under closed shed and dispose to recyclers approved by SPCB/CPCB.
- The process waste is received from process plants being collected in HDPE barrels/poly bags stored with impervious platform under closed shed and dispose to TNWML, Gummidipoondi, /GEPIL, Ranipet for incineration by approved person SPCB/CPCB.
- The Spent solvent is received from process plants being collected in HDPE barrels stored with impervious platform under closed shed and dispose to Ozpec chemical industrial pvt. Ltd., Coimbatore for recycler by approved person SPCB/CPCB.
- The chemical sludge from waste water treatment being collected in poly bags stored with impervious platform under closed shed and dispose to TNWML, Gummidipoondi /GEPIL, Ranipet for landfill by approved person SPCB/CPCB.
- The Boiler ash from boiler being collected and dispose to bricks manufacture.

PART –G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production:

- Treatment and use of process effluent within facility after treatment in ETP followed by RO/MEE plant and achieved ZLD.
- Raw sewage effluent from toilet and wash room being collected and treated along with Biological treatment plant and the treated water reused within facility.
- Mechanical seals are provided for reactors and pumps to avoid raw materials losses in to ambient.

PART -H

Additional measures /investment proposal for environmental protection including abatement of pollution:

- Multiple Effect Evaporator and ATFD plant were installed followed BTP for proposed API effluent treatment and reuse the treated water with in facility.
- Sequential Batch Reactor (SBR) was installed for sewage water from toilet and the wash room will be treated separately and reuse for gardening.
- The Bio sludge from sewage treatment plant will be collected and will dispose as manure for gardening.
- As a part of continual improvement plantation of sapling and the green belt development in and around factory premises.
- Condensers were installed in the process and the bulk storage solvent tank for proposed plant to avoid solvent losses in to atmosphere. The recovered solvent will be reused in the process.

PART -I

Any other particulars in respect of environmental protection and abatement of pollution.

- EHS awareness training program being conducted for all the employees and contractor's for prevention and control of pollution and maintain environmental standards.





TAMIL NADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Hosur .

AMBIENT AIR QUALITY SURVEY – Report of Analysis

Report No. 106 / AAQS/2020-2021

Date:09.03.2021.

1. Name of the Industry : Global Calcium Pvt Ltd (Unit – I & II)
2. Address of the Industry : 125 & 126 – Saipcot Industrial Complex – I ,Hosur.
3. Date of Survey : 04.03.2021
4. Duration of Survey : 8 Hours
5. Category : Red / Large
6. Land use classification : Industrial

Meteorological Conditions

Ambient Temperature (°C)	Min 23	Max 33	Relative Humidity (%)	Min 42	Max 72
Weather Condition	Clear sky		Rain Fall (mm)	NIL	
Predominant Wind Direction	NE – SW		Mean Wind Speed (km/hr)	---	

Ambient Air Quality Survey Results

Sl. No.	Location	Direction *	Distance (m) *	Height Form GL (m)	Pollutants Concentration (microgram / m ³)		
					PM 10	SO ₂	NO ₂
1	On the top of Scaffolding behind ETP	NE	125	2	42	-8-	12
2	On the top of Scaffolding near main Gate	E	120	2	44	10	14
3	On the top of Scaffolding at the corner of the unit	SE	140	2	46	12	16
4	On the top of Scaffolding near Workers Rest Room	SW	100	2	54	18	22
5	On the top of Scaffolding near Fuel Storage yard	NW	110	2	43	-9-	10

Note: * With respect to major emission

Chief Scientific Officer,
District Environmental Laboratory
Tamil Nadu Pollution Control Board
HOSUR

Test Performed	Test Method
PM10	IS 5182 : (Part 23) – 2006
SO ₂	Modified West – Graeke / IS 5182 : (Part 2) – 2001 RA: 2012
NO _x	Jacobs – Hochheiser / IS 5182 : (Part 6) – 2006 RA:2012



TAMIL NADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Hosur

STACK MONITORING SURVEY – Report of Analysis

Report No. 106 / SM/2020-2021

Date: 09.03.2021.

1. Name of the Industry : Global Calcium (P) Ltd (Unit – I & II)
2. Address of the Industry : 125 & 126- Sipcot Industrial Complex – I, Hosur.
3. Date of Survey : 04/03/2021
4. Type of Industry : Blug Drugs

Stack Monitoring Survey Results

Sl. No.	Stack attached to	Stack .Temp °C	Velocity in (m/ sec)	Discharge rate In Nm ³ /Hr	Pollutants (mg / Nm ³)		
					PM	SO ₂	NO _x
1	Boiler – I & II	123	8.4375	6464.25	50	14	21
2	SPDA – III Wet Scrubber Outlet	75	5.4843	2689.86	25	2.16	12

Test Performed	Test Method
PM10	IS 5182 : (Part 23) – 2006
SO ₂	Modified West – Graeke / IS 5182 : (Part 2) – 2001 RA: 2012
NO _x	Jacobs – Hochheiser / IS 5182 : (Part 6) – 2006 RA:2012

Chief Scientific Officer,
District Environmental Laboratory
Tamil Nadu Pollution Control Board
HOSUR



TAMIL NADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Hosur .

AMBIENT/SOURCE NOISE LEVEL SURVEY - Report of Analysis

Report No. 106 / NLS/2020 -2021

Date: 09 / 03 / 2021

1.	Name of the Industry	Global Calcium (P) Ltd (Unit – I & II)	
2.	Address of the Industry	125 & 126- Sipcot Industrial Complex – I, Hosur.	
3.	Date of Survey	04.03.2021	
Category		Red / Large	Land use Classification
Type of Survey		Ambient	Time of Survey
Meteorological conditions		Calm	

Logging Parameters

Instrument Used	Quest Technologies	Serial No	CC8110029
Logging Interval	10 Minutes each point	Measuring Range	40-100
Weighting	“ A ”	Peak Weighting	“C”
Sound Incidence	RANDOM	Time in hrs	11.45 Hrs

Report of Noise Level Monitoring

Sl No	Location	Duration (min)	Distance (M)	Direction	Sound Level – dB (A)					
					L _{eq}	L ₉₀	L ₅₀	L ₁₀	Min	Max
1	Near Anaerobic Tank	10	90	N	62.3	61.5	66.0	63.0	61.2	63.6
2	Near ETP Area	10	110	NE	65.1	62.4	64.0	60.0	63.7	67.6
3	Near Plant – I Pump House	10	100	SE	64.3	63.5	64.0	65.5	63.2	66.8
4	Near Old Boiler House	10	90	SW	63.3	62.0	63.0	64.5	61.8	65.6
5	Near Diesel Storage Yard	10	110	NW	61.7	54.0	61.0	65.0	53.6	66.3

Note: L90 Value refers to background noise: L50 Value refers to mean noise.L10 value refers to nuisance or annoyance level : Leq value is the average energy for the measured period

Chief Scientific Officer,
District Environmental Laboratory
Tamil Nadu Pollution Control Board
HOSUR

GLOBAL CALCIUM PVT. LTD., HOSUR

CSR EXPENSES DETAILS April 22-Sep 22

Date	CSR	Donee	Amount	UTR	RECEIPT
01-Apr-22	CSR00004182	HBS Dialysis	₹ 3,63,000.00	Cheque	HBS/22-23/RE/10051
04-Apr-22	CSR00010096	Swabhimaan	₹ 27,300.00	/IDIBH22095277130	1508/06.04.2022
04-Apr-22		Lali Guras Foundation	₹ 1,00,000.00	IDIBH2209527019	16/05.04.2022
04-Apr-22		Notun Jibon	₹ 2,80,000.00	1613	01-2021-2022
04-Apr-22	CSR00014980	Pray Foundation Trust	₹ 15,000.00	IDIBH22094167197	15567/04.04.22
04-Apr-22		Dream Foundation	₹ 7,500.00	IDIBH22094167396	DF-005/04.04.2022
04-Apr-22	CSR00000063	Samathanam Trust for the Disabled	₹ 6,000.00	IDIBH22094167506	0183/04.04.22
04-Apr-22	CSR00010096	Swabhimaan	₹ 62,400.00	IDIBH22094169227	1506/04.4.22
04-Apr-22		YET Orphanage and Charitable Trust	₹ 10,000.00	ALLA0211155	1803/03.04.22
04-Apr-22	CSR00014172	Bangalore South Welfare Trust	₹ 2,00,000.00	838686	8352/7.4.22
04-Apr-22	CSR00014980	Pray Foundation Trust	₹ 2,00,000.00	838687	15556/6.4.22
04-Apr-22	CSR00019177	Maymar Charitable Trust	₹ 1,00,000.00	838688	13012/06.04.2022
04-Apr-22		Imdad E Nisa Trust	₹ 50,000.00	838689	2551
04-Apr-22		Bazm-E-Niswan Charitable Trust	₹ 1,00,000.00	838739	22176/04.04.2022
04-Apr-22		Milli Educational Organisation 80G	₹ 1,00,000.00	cheque	
05-Apr-22		Bazm-E-Niswan Charitable Trust	₹ 50,000.00	838740	22177/05.04.2022
05-Apr-22		Dayem Molla Charitable Trust non 80G	₹ 1,00,000.00	1619	
05-Apr-22	CSR00004035	Anjuman I Islam CSR	₹ 1,00,000.00	IDIBH22095264577	2022-2023/80G/4
05-Apr-22		Dream Foundation	₹ 2,10,000.00	IDIBR52022040527844	DF-ZK-006/05.04.2022
05-Apr-22	CSR00006724	Yusuf Meherally Centre	₹ 1,50,000.00	Cheque	3
05-Apr-22	CSR00000063	Samathanam Trust for the Disabled	₹ 1,00,000.00	IDIBH22095275427	676
05-Apr-22		Sitara Mahdi Trust no CSR	₹ 55,000.00	IDIBH22095275785	
05-Apr-22	CSR00003325	Blind Organisation of India	₹ 20,000.00	IDIBH22095276430	6419
05-Apr-22		Sri Rakum School for the Blind	₹ 20,000.00	IDIBH22095276709	58335
05-Apr-22		Missionaries of Charity	₹ 50,000.00	838726	6/13.04.2022
06-Apr-22		Notun Jibon	₹ 54,150.00	1620	02-2021-2022
06-Apr-22	CSR00006557	Yenepoya (to be Deemed University)	₹ 5,00,000.00	IDIBR5202204062786580	21-01 dtd 6-apr-22
06-Apr-22		YET Orphanage and Charitable Trust	₹ 32,000.00	IDIBH22096412565	1801



07-Apr-22		Project Drishti	₹	1,00,000.00	837594	
07-Apr-22		Zoya Charitable Trust	₹	80,000.00	1626	
08-Apr-22	CSR00001413	Mitti Social Initiatives Foundation	₹	1,00,000.00	IDIBH22098394676	MIT/2022/8/4/1
08-Apr-22	CSR00005152	Humanist Centre for Medicine	₹	2,50,000.00	IDIBH22098394541	3
08-Apr-22	CSR000014980	Pray Foundation Trust	₹	3,00,000.00	837458	17419/13.04.22
08-Apr-22		Al-Aman Educational & Welfare Trust	₹	1,00,000.00	IDIBH22098346678	1682/08.04.22
09-Apr-22	CSR00005391	Help Child India Foundation	₹	30,000.00		822/12.04.2022
11-Apr-22		Asha BK-Ketto	₹	50,000.00	IDIBH22101143759	
10-Apr-22	CSR00010096	Swabhimaan	₹	2,00,000.00	IDIBH2210116411	1522/12.04.22
11-Apr-22		Notun Jibon	₹	40,000.00	1637	04-2021-2022
12-Apr-22	CSR00010096	Swabhimaan	₹	62,000.00	IDIBH22102299275	1524/13.04.2022
13-Apr-22	CSR00004182	HBS Charity	₹	10,00,000.00	836988	HBS/22-23/RE/10050
11-Apr-22	CSR00001302	Bangalore Kidney Foundation	₹	1,00,000.00	IDIBH22011148125	24/19 Apr 2022
13-Apr-22	CSR00002889	Bangalore Hospice Trust	₹	2,00,000.00	IDIBH22106176269/	110
16-Apr-22		Sitara Mahdi Trust	₹	1,00,000.00	IDIBH22106171891	
14-Apr-22	CSR00014980	Pray Foundation Trust	₹	1,00,000.00	837010/14.04.22	17472/21.04.22
15-Apr-22	CSR00014172	Bangalore South Welfare Trust	₹	2,50,000.00	836979	8357/18.04.2022
16-Apr-22	CSR00003636	Prasanna Trust	₹	4,000.00	IDIBH22106172056	PT-D-050
18-Apr-22		Milli Educational organization	₹	1,00,000.00	837033	
19-Apr-22	CSR00003636	Prasanna Trust	₹	2,60,000.00	IDIBR520220419280494	PT-D-053
20-Apr-22	CSR00004182	HBS Dialysis	₹	30,000.00	837742	HBS/22-23/RE/10082
20-Apr-22		YET Orphanage and Charitable Trust	₹	50,000.00	837743	1812/20.04.22
20-Apr-22	CSR00014980	Pray Foundation Trust	₹	2,00,000.00	836880	17648/26.04.2022
22-Apr-22	CSR00001413	Mitti Social Initiatives Foundation	₹	2,00,000.00	IDIBH22112354267	MIT/2022/22/4/1
22-Apr-22	CSR00010096	Swabhimaan	₹	1,00,000.00	836950	1536/24.04.22
25-Apr-22	CSR00004182	HBS Charity	₹	5,00,000.00	837774	HBS/22-23/RE/10182
26-Apr-22	CSR00014172	BET Composite PU College	₹	5,00,000.00	837851	535/24.05.22
27-Apr-22	CSR00003309	C.B.C.I Society for Medical Education	₹	51,000.00	IDIBH22117368984/	2872/27.04.2022
26-Apr-22	CSR00004182	HBS Dialysis	₹	9,800.00	837839	HBS/22-23/RE/10137
28-Apr-22		The Women Education And Empowerment	₹	1,50,000.00	49661	
28-Apr-22	CSR00003323	MK Educational Society	₹	30,000.00	IDIBH22118476787	908/28.04.2022
29-Apr-22	CSR00010096	Swabhimaan	₹	2,02,000.00	IDIBR520220429282084	1540/29.04.2022
29-Apr-22	CSR00010096	Swabhimaan	₹	62,400.00	IDIBH22125317663	1552/06.05.22
30-Apr-22	CSR00010096	Swabhimaan	₹	25,200.00	IDIBH22120279758	1543/30.04.2022



30-Apr-22	CSR00036642	Learning Point Foundation	₹	37,000.00	1697	665/30.04.2022
04-May-22	CSR00003636	Prasanna Trust	₹	1,00,000.00	IDIBH22124192277	PT-D-101
04-May-22	CSR00003636	Prasanna Trust	₹	50,000.00	IDIBH22124192277	PT-D-100
05-May-22	CSR00005152	Humanist Centre for Medicine	₹	1,50,000.00	IDIBH22125319760	007/2022-23
05-May-22	CSR000001413	Mitti Social Initiatives Foundation	₹	1,00,000.00	IDIBH22125328567	MIT/2022/5/5/2
05-May-22	CSR00014980	Pray Foundation Trust	₹	15,000.00	IDIBH22125318254	17690
05-May-22		Dream Foundation	₹	7,500.00	IDIBH22125318459	DF-42
05-May-22	CSR000000063	Samarthanam Trust for the Disabled	₹	6,000.00	IDIBH22125318628	2022-23-000832
05-May-22		YET Orphanage and Charitable Trust	₹	10,000.00	IDIBH22125319327	1832
06-May-22		YET Orphanage and Charitable Trust	₹	35,000.00	194976/06.05.22	1837
09-May-22	CSR00010096	Swabhimaan	₹	62,000.00	IDIBH22129346772	1558/10.05.2022
10-May-22		Notun Jibon	₹	20,000.00	1720	
13-May-22	CSR000001413	Mitti Social Initiatives Foundation	₹	25,000.00	IDIBH22133454062	MIT/2022/13/5/1
20-May-22		Notun Jibon	₹	50,000.00	1745	04-2021-2022
24-May-22	CSR000004182	HBS Dialysis	₹	9,800.00	50353	HBS/22-23/RE/10214
31-May-22	CSR00014980	Pray Foundation Trust	₹	15,000.00	IDIBH22151294256	
31-May-22		Dream Foundation	₹	7,500.00	IDIBH2215129425	DF-46
31-May-22	CSR000000063	Samarthanam Trust for the Disabled	₹	6,000.00	IDIBH22151294260	
31-May-22	CSR000036642	Learning Point Foundation	₹	37,000.00	1775	679/31.05.2022
31-May-22		YET Orphanage and Charitable Trust	₹	10,000.00	IDIBH22151294264	1836s
31-May-22	CSR00010096	Swabhimaan	₹	62,400.00	IDIBH2215129427	1582
31-May-22	CSR00010096	Swabhimaan	₹	12,500.00	IDIBH22151276932	1579
31-May-22	CSR00010096	Swabhimaan	₹	53,000.00	IDIBH22151276933	1581
31-May-22	CSR00010096	Swabhimaan	₹	15,750.00	IDIBH22151276935	1580
31-May-22	CSR000003636	Prasanna Trust	₹	50,000.00	IDIBH22151276938	PT-D-168
31-May-22	CSR000001413	Mitti Social Initiatives Foundation	₹	1,00,000.00	IDIBH22151276936	MIT/2022/31/5/1
31-May-22	CSR000005152	Humanist Centre for Medicine	₹	1,50,000.00	IDIBH22151276937	009/22-23
02-Jun-22	CSR000004182	HBS Dialysis	₹	90,000.00	189437	HBS/22-23/RE/10235
02-Jun-22		St. Johns Medical College Hospital	₹	25,000.00	189438	10015904/09.06.2022
02-Jun-22	CSR00014172	Bangalore South Welfare Trust	₹	2,00,000.00	189439	8378/09/06/22
03-Jun-22	CSR00003330	Navjeevan Medicare Foundation	₹	25,000.00		2016
04-Jun-22	CSR00010096	Swabhimaan	₹	30,000.00	IDIBH22155310122/IDIBH	1597/04.06.22
07-Jun-22		YET Orphanage and Charitable Trust	₹	1,49,000.00	IDIBH22158197130	1831
10-Jun-22	CSR000001413	Mitti Social Initiatives Foundation	₹	25,000.00	IDIBH22161176441	MIT/2022/10/6/1



10-Jun-22		ALLIANCE FOR ECONOMIC AND EDUCATION	₹	1,00,000.00	IDIBH22161171119	
13-Jun-22	CSR00004182	HBS Charity	₹	5,00,000.00	189167	HBS/22-23/RE/10264
13-Jun-22	CSR00010096	Swabhimaan	₹	62,000.00	IDIBH22164356767	1611
16-06-2022	CSR00010134	Bright Future Organisation for the Blind	₹	30,000.00	IDIBH22167277143	
15-06-2022	CSR00003636	Prasanna Trust	₹	1,00,000.00	IDIBH22166190602	PT-D-220
18-Jun-22	CSR00004182	HBS Dialysis	₹	25,000.00	189943	HBS/22-23/RE/10275
21-Jun-22	CSR00014172	Bangalore South Welfare Trust	₹	1,00,000.00	190009	8380/27.06.2022
21-Jun-22		Koramangala 3d Block residents welfare as	₹	1,00,000.00	IDIBH22172298515	34
22-Jun-22		St. Johns Medical College Hospital	₹	30,000.00	IDIBH22174475087	
23-Jun-22	CSR00010096	Swabhimaan	₹	1,00,000.00	IDIBH22174111437	1622/23.06.2022
23-Jun-22	CSR00004182	HBS Dialysis	₹	16,200.00	189523	HBS/22-23/RE/10277
28-Jun-22	CSR00004182	HBS Dialysis	₹	9,800.00	189678	HBS/22-23/RE/10320
30-Jun-22	CSR00014980	Pray Foundation Trust	₹	15,000.00	IDIBH2218131186	
30-Jun-22		Dream Foundation	₹	7,500.00	IDIBH22181311863	DF/ZK-49
30-Jun-22	CSR000000063	Samarthanam Trust for the Disabled	₹	6,000.00	IDIBH22181311864	
30-Jun-22		YET Orphanage and Charitable Trust	₹	10,000.00	IDIBH2218131187	
30-Jun-22	CSR00036642	Learning Point Foundation	₹	37,000.00	DR - 50200037961432	699/30.06.22
28-Jun-22	CSR00010096	Swabhimaan	₹	62,400.00	IDIBH22179482905	1634/29.06.22
28-Jun-22	CSR00010096	Swabhimaan	₹	12,500.00	IDIBH22179482705	1633/29.06.22
28-Jun-22	CSR00010096	Swabhimaan	₹	30,000.00	IDIBH22179482705	1632/29.06.22
28-Jun-22	CSR00010096	Swabhimaan	₹	10,000.00	IDIBH2217948307	1631/29.06.22
28-Jun-22	CSR00003636	Prasanna Trust	₹	4,000.00	IDIBH22179482953	PT-D-250
30-Jun-22	CSR00006724	Yusuf Meherally Centre	₹	1,00,000.00	IDIBH22181311938	25
30-Jun-22		St. Johns Medical College Hospital	₹	50,000.00	IDIBH22181311941	10094905
30-Jun-22	CSR00010096	Swabhimaan	₹	13,300.00	IDIBH22181311945	1635/30.06.22
30-Jun-22	CSR00014172	Bangalore South Welfare Trust	₹	1,25,000.00	371260	8384
01-Jul-22	CSR00010096	Swabhimaan	₹	54,000.00	IDIBH22182383036	1643/02.07.22
04-Jul-22	CSR00000481	Indian Association of Blood Cancer & Allied	₹	95,600.00	Online transfer	
05-Jul-22	CSR000004410	The Lifeline Foundation Trust	₹	25,000.00	Online transfer	
06-Jul-22	CSR00014172	BET Composite PU College	₹	1,56,000.00	371375	537/15.07.22
07-Jul-22		YET Orphanage and Charitable Trust	₹	1,00,000.00	IDIBH22188242244	
07-Jul-22	CSR00003636	Prasanna Trust	₹	8,000.00	IDIBH22188242527	PT-D-282
12-Jul-22	CSR00010096	Swabhimaan	₹	62,000.00	IDIBH22193420980	1672
12-Jul-22	CSR00001413	Mitti Social Initiatives Foundation	₹	28,500.00	IDIBH22193420735	MIT/2022/12/7/1



12-Jul-22		Regional Education and Development Trust	₹	1,00,000.00	IDIBH22193420292	
12-Jul-22	CSR000014172	BET Composite PU College	₹	1,02,000.00	371499	538
13-Jul-22	CSR00001413	Mitti Social Initiatives Foundation	₹	55,000.00	IDIBH22194129350	MIT/2022/13/7/1
14-Jul-22		Swabhimaan	₹	20,000.00	IDIBH22195228825	1682
15-Jul-22		The Blind & Humanity Welfare Centre	₹	20,000.00	IDIBH22196344805	3276
16-Jul-22	CSR00001413	Mitti Social Initiatives Foundation	₹	1,00,000.00	IDIBH22197422697	MIT/2022/16/7/1
16-Jul-22	CSR000005152	Humanist Centre for Medicine	₹	1,50,000.00	IDIBH22197423325	23
16-Jul-22	CSR000003636	Prasanna Trust	₹	1,00,000.00	IDIBH22197423454	PT-D-306
18-Jul-22	CSR000010096	Swabhimaan	₹	77,000.00	IDIBH22199167394	1684/19.07.2022
18-Jul-22		St. Johns Medical College Hospital	₹	20,000.00	IDIBH22200314679	10016238
26-Jul-22	CSR000004182	HBS Dialysis	₹	9,800.00	IDIBH22207444056	HBS/22-23/RE/10320
26-Jul-22	CSR000014172	BET Composite PU College	₹	1,95,500.00	190398	539
26-Jul-22	CSR000003309	C.B.C.I Society for Medical Education	₹	55,000.00	IDIBH22207405143	2915
25-Jul-22	CSR000014172	Bangalore South Welfare Trust	₹	3,00,000.00	49567	8389
27-Jul-22	CSR000004182	HBS Charity	₹	10,000.00	190480	HBS/22-23/RE/10367
29-Jul-22	CSR000001413	Mitti Social Initiatives Foundation	₹	14,325.00	IDIBH22210349738	MIT/2022/29/7/3
28-Jul-22	CSR000000402	Habitat for Humanity India Trust	₹	51,000.00	Cheque	
28-Jul-22	CSR000010096	Swabhimaan	₹	62,400.00		1694
28-Jul-22	CSR000010096	Swabhimaan	₹	25,000.00	IDIBH22209254419	1694
28-Jul-22	CSR000010096	Swabhimaan	₹	12,500.00		1694
29-Jul-22	CSR000004182	HBS Hospital	₹	45,000.00	190272	HBS/22-23/RE/10368
29-Jul-22	CSR000004182	HBS Pharma	₹	6,955.00	190273	HBS/22-23/RE/10369
30-Jul-22	CSR000014980	Pray Foundation Trust	₹	15,000.00	IDIBH22211464159	
30-Jul-22	CSR000000063	Samarthanam Trust for the Disabled	₹	6,000.00	IDIBH22211464200	
02-Aug-22	CSR000014784	Mercy Mission Association	₹	51,000.00	IDIBH22214313200	MMA/22-23/RE/10004
02-Aug-22	CSR000014172	BET Composite PU College	₹	1,49,000.00	190495	540
04-Aug-22	CSR000010096	Swabhimaan	₹	1,20,000.00	IDIBH22216146383	1709
04-Aug-22	CSR000005152	Humanist Centre for Medicine	₹	1,50,000.00	IDIBH22217266660/	29
05-Aug-22	CSR000001413	Mitti Social Initiatives Foundation	₹	1,00,000.00	IDIBH22217266732	MIT/2022/4/8/2
04-Aug-22	CSR000003636	Prasanna Trust	₹	1,00,000.00	IDIBH22217269019	
06-Aug-22	CSR000010096	Swabhimaan	₹	15,000.00	IDIBH22218403901	1714
10-Aug-22	CSR000003309	C.B.C.I Society for Medical Education	₹	5,000.00	IDIBH22222447559	2928
10-Aug-22		Mobility India	₹	1,07,064.00		
11-Aug-22	CSR000036642	Learning Point Foundation	₹	37,000.00	1949	



12-Aug-22	CSR00010096	Swabhimaan	₹	72,000.00	IDIBH22224279600	1728
12-Aug-22	CSR00001413	Mitti Social Initiatives Foundation	₹	25,000.00	IDIBH22224279413	MIT/2022/12/8/2
16-Aug-22	CSR00003309	C.B.C.I Society for Medical Education	₹	30,000.00	361186	2927
17-Aug-22	CSR00006557	YENEPOYA MEDICAL COLLEGE HOSPITAL P	₹	2,00,000.00	IDIBH22229144757	
17-Aug-22		Sri Rakum School for the Blind	₹	10,000.00	IDIBH22229149829	Thursday
18-Aug-22	CSR00004182	HBS Dialysis	₹	10,000.00	361633	Thursday
18-Aug-22	CSR00004182	HBS Dialysis	₹	10,000.00	361634	49
19-Aug-22		Britto Public Charitable Trust	₹	1,12,000.00	IDIBH22232415674	HBS/22-23/RE/10403
22-Aug-22	CSR00004182	HBS Hospital	₹	30,000.00	361526	
22-Aug-22		Metro Dental care	₹	30,000.00	361568	
23-Aug-22	CSR00003309	C.B.C.I Society for Medical Education	₹	35,000.00	366649	2950
23-Aug-22	CSR00010096	Swabhimaan	₹	60,000.00	366650	1740
23-Aug-22	CSR00014172	BET Composite PU College	₹	1,95,000.00	366648	541
29-Aug-22	CSR00001413	Mitti Social Initiatives Foundation	₹	35,000.00	IDIBH22241319300	MIT/2022/29/8/2
29-Aug-22	CSR00014172	BET Composite PU College	₹	1,84,000.00	366873	
30-Aug-22	CSR00004182	HBS Dialysis	₹	9,800.00	IDIBH22242465386	HBS/22-23/RE/10417
30-Aug-22	CSR00014980	Pray Foundation Trust	₹	15,000.00	IDIBH22242465328	
30-Aug-22	CSR00000063	Samarthanam Trust for the Disabled	₹	6,000.00	IDIBH22242465329	
30-Aug-22	CSR00010096	Swabhimaan	₹	62,400.00	IDIBH22242465330	1746
30-Aug-22	CSR00010096	Swabhimaan	₹	12,500.00	IDIBH22242465331	1744
30-Aug-22	CSR00010096	Swabhimaan	₹	25,000.00	IDIBH22242465332	1745
02-Sep-22	CSR00010096	Swabhimaan	₹	20,000.00	IDIBH22245363571	1768
02-Sep-22	CSR00010096	Swabhimaan	₹	23,400.00	IDIBH22245363690	1769
03-Sep-22	CSR00036642	Learning Point Foundation	₹	75,000.00	1998	732
03-Sep-22	CSR00004182	HBS Dialysis	₹	90,000.00	IDIBH22246157968	HBS/22-23/RE/10428
03-Sep-22	CSR00003309	C.B.C.I Society for Medical Education	₹	25,000.00	IDIBH22246156643	2951
03-Sep-22	CSR00010096	Swabhimaan	₹	30,000.00	IDIBH22246116725	1775
06-Sep-22	CSR00005152	Humanist Centre for Medicine	₹	1,50,000.00	IDIBH22249403723	42
06-Sep-22	CSR00001413	Mitti Social Initiatives Foundation	₹	1,00,000.00	IDIBH22249400987	MIT/2022/6/9/1
06-Sep-22	CSR00003636	Prasanna Trust	₹	1,00,000.00	IDIBH22249400946	
09-Sep-22	CSR00004182	HBS Hospital	₹	40,000.00	360965	HBS/22-23/RE/10442
13-Sep-22		St Joseph's North Point school Education T	₹	1,00,000.00	IDIBH22256451556	13.09.2022
19-Sep-22	CSR00014172	Bangalore South Welfare Trust	₹	3,00,000.00	367133	
19-Sep-22	CSR00003636	Prasanna Trust	₹	4,000.00	IDIBH22262249786	



19-Sep-22	CSR000004410	The Lifeline Foundation Trust	₹	50,000.00	IDIBH22262241957	
23-Sep-22	CSR000004182	HBS Hospital	₹	5,76,795.00	360775	HBS/22-23/RE/10474
28-Sep-22	CSR000002889	Bangalore Hospice Trust	₹	1,00,000.00	IDIBH2227126562	1598
29-Sep-22	CSR000000053	Art & Photography Foundation	₹	5,00,000.00	2097	
30-Sep-22	CSR000014980	Pray Foundation Trust	₹	15,000.00	IDIBH22273143958	
30-Sep-22	CSR000000063	Samarthanam Trust for the Disabled	₹	6,000.00	IDIBH22273143959	
30-Sep-22	CSR000004182	HBS Dialysis	₹	9,800.00	IDIBH22273144012	HBS/22-23/RE/10479
30-Sep-22	CSR000010096	Swabhimaan	₹	62,500.00		
30-Sep-22	CSR000010096	Swabhimaan	₹	12,500.00		
30-Sep-22	CSR000010096	Swabhimaan	₹	25,000.00	IDIBH22273445454	
30-Sep-22	CSR000010096	Swabhimaan	₹	15,000.00		
30-Sep-22	CSR000036642	Learning Point Foundation	₹	75,000.00	IDIBH22273144030	
30-Sep-22	CSR000005152	Humanist Centre for Medicine	₹	1,50,000.00	IDIBH22273144019	46
30-Sep-22	CSR000001413	Mitti Social Initiatives Foundation	₹	1,75,000.00	IDIBH22273144016	
30-Sep-22	CSR000003636	Prasanna Trust	₹	1,00,000.00	IDIBH22273144020	PT-D 485
30-Sep-22		The United Orphanage for the Disabled	₹	20,000.00		
05-Oct-22	CSR000003309	C.B.C.I Society for Medical Education	₹	25,000.00	cheque	
05-Oct-22	CSR000010096	Swabhimaan	₹	90,000.00		
11-Oct-22	CSR000010096	Swabhimaan	₹	72,000.00	/IDIBH22284425432	
13-Oct-22		Zoya Charitable Trust	₹	25,000.00	2231	
18-Oct-22	CSR000000053	Art & Photography Foundation	₹	4,88,000.00	2248	
18-Oct-22	CSR000000053	Art & Photography Foundation	₹	10,000.00	2249	
18-Oct-22	CSR000000063	Samarthanam Trust for the Disabled	₹	21,000.00	IDIBH22291349437/	
21-Oct-22		Notun Jibon	₹	15,000.00	2262	
21-Oct-22	CSR000003183	Utkarsh Global Foundation	₹	35,000.00	/IDIBH22294124700	
22-Oct-22	CSR000010096	Swabhimaan	₹	54,000.00		
		Total	₹	1,98,64,239.00		

