

# KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD

(A Government of Karnataka Undertaking)

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No. KIADB/JDTP/FCN:20456669✓/2021-22

Date: 13/08/2021

To,

**State Level Environment Impact Assessment Authority (SEIAA)**

Room No. 706, 7th Floor,

4th Gate, M. S. Building,

Bengaluru -560001, Karnataka.

Respected Sir/ Madam,

**Subject:** Submission of Half yearly point wise Environmental Compliance report for all the conditions stipulated in the Environmental Clearance issued with respect to Establishment of Adakanahalli (Thandya) Industrial Area, KIADB at Adakanahalli Village, Nanjangud Taluk, Mysore District to an extent of 538.22 Acres.

**Ref.:** 1. ToR issued by SEIAA on 13<sup>th</sup> June 2013.  
2. Environmental Public Hearing held on 10<sup>th</sup> September 2015.  
3. Environmental Clearance reference no.: SEIAA 11 IND 2013 dated 29<sup>th</sup> January 2019.  
4. General Condition imposed in the Environmental Clearance for submission of Half yearly Compliance @ Condition No. 5.

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With reference to above subject, it is to be informed that SEIAA has issued Environmental Clearance for Establishment of Adakanahalli (Thandya) Industrial Area, KIADB at Adakanahalli Village, Nanjangud Taluk, Mysore District to an extent of 538.22 Acres, after finalizing the ToR granted on 13th June 2013 and after conducting the public hearing on 10th September 2015.

In the said Environmental Clearance at the General Condition No. 5, it is stipulated that KIADB has to submit half yearly compliance report to all the conditions stipulated in the EC issued on 5th September, 2017.

Hence, the detailed point wise compliance report to all the conditions stipulated in the Environmental Clearance issued to Adakanahalli (Thandya) Industrial Area is being submitted to SEIAA and the same is attached for your kind perusal and for information.

Kindly acknowledge the same.

Yours faithfully,

Yours faithfully

Chief Engineer-2  
KIADB, Bengaluru

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**Half Yearly Environmental Compliance Report for all the Conditions Stipulated in the Environmental Clearance issued with respect to Establishment of Adakanahalli (Thandya) Industrial Area, Adakanahalli Village, Nanjangud Taluk, Mysore District.**

**For**

**KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD (KIADB)**

#49, 4th & 5th Floors, 'East Wing', Khanija Bhavan, Race Course Road,  
Bengaluru – 560001.

**Submission to**

**The APCCF, Regional office,  
Ministry of Environment, Forest and Climate Change (MoEF&CC)**

Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block,  
Bangalore- 560 034.

**Prepared by**

**ROBUST MATERIALS TECHNOLOGY PRIVATE LIMITED**

(A MoEF&CC, DSIR-Recognized | FSSAI, ISO 45001:2018-Certified | NABL-Accredited | Drugs Control  
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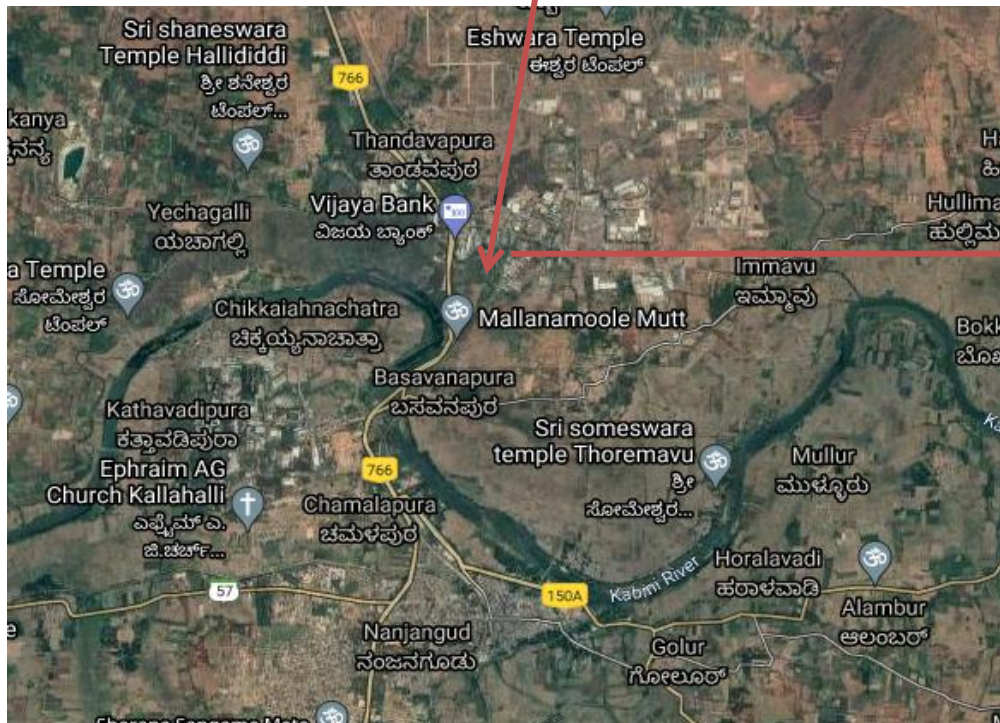
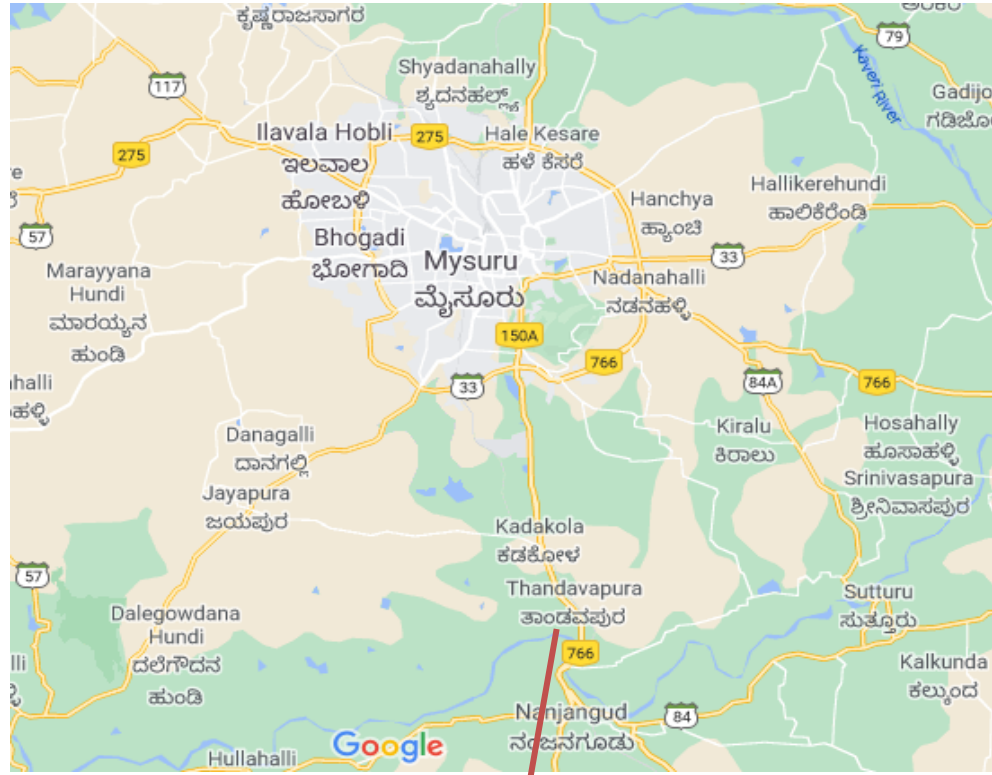


## **1.0. PROJECT DETAILS:**

- 1) Name of the Project:** Establishment of Adakanahalli (Thandya) Industrial Area, Adakanahalli Village, Nanjangud Taluk, Mysore District.
- 2) Environmental Clearance reference no.:** SEIAA 11 IND 2013 dated 29-01-2019.
- 3) Total Plot Area:** 227.75 Ha (550 Acres).
- 4) ToR issued:** Issued by SEIAA on 13th June 2013.
- 5) Public Hearing:** Public Hearing was conducted on 10th September 2015.
- 6) Category of Industries:** Orange and Green category.
- 7) Total Water requirement for the Industrial area:** 3,795 KLD will be met by Kabini-Kapila River.
- 8) Total Wastewater generation:** 1,805 KLD.
- 9) Total Power requirement:** 5000 KW will be sourced from KPTCL.
- 10) Project Cost:** 123.14 crores (excluding land cost).
- 11) Schedule & Category:** 7 (C) & B category
- 12) Address of the Correspondence:**

Chief Development Officer & Chief Engineer,  
Karnataka Industrial Areas Development Board (KIADB),  
#49, 4<sup>th</sup> & 5<sup>th</sup> floors,  
Khanija Bhavan, Race Course road,  
Bengaluru- 560 001.

## 2.0. LOCATION MAP:



Adakanahalli  
(Thandya)  
Industrial  
Area.

**Fig.1: Map showing Adakanahalli (Thandya) Industrial Area.**

**3.0. Half Yearly Environmental Compliance Report for all the Conditions Stipulated in the Environmental Clearance issued with respect to Establishment of Adakanahalli (Thandya) Industrial Area, Adakanahalli Village, Nanjangud Taluk, Mysore District. (Ext-538.22 Acres).**

Sl. No.	CONDITIONS STIPULATED IN THE EC	COMPLIANCE STATUS
<b>A</b>	<b>SPECIFIC CONDITIONS:</b>	
<b>I</b>	<b>Construction Phase:</b>	
1	"Consent for Establishment" shall be obtained from Karnataka State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Karnataka before start of any construction work at the site.	Noted. Consent for Establishment from Karnataka State Pollution Control Board under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, has been obtained on 01 <sup>st</sup> December 2020. Copy has been submitted to SEIAA, Karnataka.
2	Set up an Environment Management cell with appropriate lab facility shall be created as the project starts. It shall monitor all necessary parameters and activities during construction and operational phases from day one. The cell also ensures that the cell manages / maintains all the environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt areas, etc.	Complied. KIADB has already setup an Environment management cell with necessary facilities and qualified personnel to look after the Environmental aspects to maintain all the environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt area etc.
3	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase. Sufficient number of toilets/bathrooms shall be provided with required mobile toilets, mobile STP for construction work force.	Complied. All necessary infrastructure facilities and basic sanitary facilities will be provided to the workers in the site during the construction phase of the industrial area.
4	A First Aid room should be provided in each of the three proposal project areas both during construction and operation of the Project.	Noted.
5	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Noted. All necessary infrastructure facilities and basic sanitary facilities will be provided for all the construction workers during the construction phase. The safe disposal of wastewater and solid wastes generated during the construction phase will be ensured as per the CFE conditions.

6	Provision shall be made for the housing of construction labourers within the site with all necessary infrastructures and facilities. The housing maybe in the form of temporary structures to be removed after the completion of the project. The facilities shall include the crèche.	Complied. construction labourers/workers from the surrounding villages will be hired during the construction phase who were in not need of the temporary housing and temporary Labour camps will be provided with basic sanitary facilities and water supply and few workers hired were local people g.
7	Provision should be made for the supply of fuel (kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers during construction phase.	Noted. Required infrastructure facility and fuel will be provided to all the labourers for cooking during construction phase.
8	All the labourers to be engaged for constructions should be screened for health and adequately treated before engaging them to work at the site and detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured.	Noted.
9	For dis-infection of wastewater which is not meant for recycling the for toilet flushing, use ultraviolet radiation and not chlorination. For treated wastewater meant for reuse for toilet flushing, disinfect by using chlorination.	Noted. During the operation phase of the industrial area, individual Industrial units will be advised to adopt these methods wherever possible for water conservation.
10	All the topsoil excavated during the construction activities should be stored for use in horticulture/ landscape development within the project site.	Complied. The topsoil excavated will be used for landscaping, levelling and plantation purposes with in the project site.
11	Disposal of muck construction debris during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Noted and complied. The construction debris will be reused / recycled for backfilling and for construction of roads and when necessary the debris is disposed in safe and secure manner as per the Construction and Demolition rules 2016.
12	Soil and ground water samples should be tested at the project site during the construction phase to ascertain that there is no threat to ground water quality by leaching of heavy metals and or other toxic contaminants and the reports should be submitted to SEIAA.	Noted. All necessary precautions will be taken to ensure that there is no contamination of soil and ground water.

13	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.	Noted. All the construction debris generated during the construction phase will be used for filling up of low lying area. However, all the construction and hazardous waste generated during the operation phase of industries will be directed to store in safe and secure manner after carrying out proper segregation of each category of waste and disposed scientifically, to prevent the contamination of the ground water.
14	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	Noted. The fuel used in individual DG sets used during construction phase will use low sulphur diesel and it is ensured that air and noise emissions will be within the prescribed norms, so that there was no disturbance created due to operation of DG sets. DG sets with acoustic enclosures only will be used to comply with the norms.
15	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	Complied. All the required Necessary precautions will be taken to store diesel in safe and secure manner, so that there are no accidents or harm to the environment. Individual industries in the notified area are also advised to take necessary precautions and to obtain clearances from competent authority for the safe storage of diesel.
16	Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Individual vehicle owners will be directed to keep the hired vehicles in good condition and emission documents will be maintained by the vehicle owner which conforms to the prescribed standards and the workers will be advised to use the vehicles during the non-peak hours as per the guidelines of Honourable High court of Karnataka in WP. No. 1958/2011 (LB-RES-PIL) on 04.12.2012 for different activities involved in construction work.



17	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.	Complied- Competent persons from KIADB & Construction workers available at the Project site were advised to take necessary precautions and measures to reduce the noise and air emission levels, contributed during construction and adequate measures were taken to keep the emission within the norms.
18	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003.	Noted. As far as possible Fly ash should be used as building material during the construction phase. The individual Industrial units will be directed to strictly follow the provisions of Fly ash notification and use the fly ash products for building and construction purposes.
19	Ready mixed concrete must be used in building construction.	Noted.
20	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Noted.
21	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices and only tertiary treated water shall be used for construction as per G.O. No. FEE 188 ENV 2003 dated 14.08.2003.	Noted.
22	No ground water is to be drawn without permission from the Central/ State Ground Water Authority.	Noted. Necessary permission will be obtained by KIADB for digging the new Borewell from Central Ground Water Authority and no ground water will be drawn without permission from the Central/ State Ground Water Authority. Also during the operation phase, industries will also be informed about the same.
23	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Noted and Industries operating in the area will be informed to provide dual plumbing system wherever possible for efficient use of water.
24	Treatment of 100% grey water by decentralized treatment should be done.	Noted. The issue will not arise during the construction phase, during the operation phase, Individual industries will be treating the wastewater generated in the in-house Wastewater treatment plant installed as per the requirement and it is ensured that the treated water shall meet to prescribed norms notified by competent authority.

25	The provision of Energy Conservation Building code 2006 shall be fully complied with.	Noted and will be adopted wherever possible. During the operation phase, individual industries will be provided directions before allotting the plots, so as to comply with the Energy conservation measures as per ECBC, 2006 and its amendments.
26	Roof should meet prescriptive requirement as per Energy Conservation Building Code, 2007 by using appropriate thermal insulation material.	Noted and during the operation phase, Individual industries will adapt wherever possible as per ECBC, 2007 and its amendments.
27	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2007 which is proposed to be mandatory for all air conditioned spaces while it is optional for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	Noted and during the operation phase, individual industries will be informed to adopt wherever possible.
28	The Proponent shall obtain the construction material such as stones and jelly etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.	Complied. Construction materials such as stones, jelly and other construction material will be re obtained from the approved quarries and construction materials shall also be procured from the authorized agencies/traders.
29	The Proponent shall obtain approval from competent authorities for structural safety of the building due to earthquake, adequacy of fire fighting equipment's etc. as per the National Building Code (NBC) including protection measures for lightening etc.	Noted and the same will be informed to the industries before allotment of the plots.
30	The project authority shall ensure that no water bodies are polluted due to project activities.	Noted. As suggested in the EC and industrial plots allotted in the Industrial area will be advised to take care of the water bodies as part of their Corporate Environment Responsibility. No alterations of natural drainage pattern will be done during the Project Construction activities. Sufficient buffer as per the zoning regulations of local bodies will be kept around the water bodies to prevent pollution of any water body and required area will be left untouched for natural conservation.
31	Safety standards as per National Building Code (NBC), 2005 should be followed and ensured.	Noted and followed.

32	The project Authorities shall ensure that the National Building Code, 2005 is complied with and adhered to.	Noted. Individual industries will also be advised to follow the same as per instructions in NBC, 2005 and its amendments.
33	The project authorities shall not use Kharab land if any, for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.	Agreed. No such land is used by KIADB for the project proposed and green belt is developed wherever possible.
34	The authorities should include the condition while issuing plots to the prospective individual industries that they should develop greenbelt of at least 33 % of the plot area.	Noted and greenbelt is developed as per the EC conditions and the condition will be included in the agreement during the allotment of plots for the projects.
35	The industrial units in the industrial area and the associated facilities shall be strictly in accordance with the norms laid down by the Karnataka State Government and KSPCB/CPCB.	Noted. Each industrial unit are advised to comply with the same. All industries shall follow the conditions & norms laid down by the Competent Authority.
36	The project authorities shall strictly adhere to the commitments made with regard to establishment of STP/CETP, buffer zone, green belt, conditions to be incorporated in the lease document while allotting plots to individual industries, environment safety aspects etc.	Agreed and complied as suggested with regard to establishment of STP/CETP, buffer zone, green belt. Each industrial unit was informed about the conditions with laid down with respect to Environment safety and protection and the conditions are incorporated in the lease document as well during the allotment of plots.
37	The project authorities shall ensure the time specification prescribed by the honourable High Court of Karnataka in WP. No. 1958/2011 (LB-RES-PIL) on 04.12.2012 for different activities involved in construction work.	Noted.
38	The existing water body, canals and rajakaluve and other drainage and water bound structures if any shall be retained unaltered with due buffer zone as applicable and maintained under tree cover.	Noted. No alterations are made in case of existing natural drainage patterns, water bodies, rajakaluve etc. and the buffer zone are provided in the required areas.



39	The project authorities shall leave required buffer from the boundary of lake and on either side of the channel / nala and other water bodies if any and this shall be free from any permanent structures. The buffer so maintained shall be planted with indigenous tree species and maintained as green belt.	Noted. It is proposed to develop 15 m green belt all along the boundary of the industrial area. During the construction and development of the industrial area, plantation will be undertaken in a phased manner. Green belt is developed with the local tree and shrub species. Avenue plantation has done along the adjoined roads of the project site. Also individual industrial units are also advised to maintain green belt for 33% of the allotted plot area as applicable.
40	The natural sloping pattern of the project site other than the area excavated for the purpose of construction of proposed building shall remain unaltered and the natural hydrology of the area be maintained as it is to ensure natural flow of storm water.	Noted. No alterations of natural drainage pattern will be done during the Project Construction activities.
41	Lakes and other water bodies within and/or at the vicinity of the project area shall be protected and conserved.	Noted. All the required protective/conservative measures are taken so that there will be no harm to the natural environment which are existing before the project.
42	The project Authorities will undertake all relevant measures, as indicated during the public hearing for improvising the Socio-economic conditions of the surrounding area.	Noted. The suggestions/observations and concerns made during the public hearing will be duly considered and all required measures are being taken to improve the socio-economic conditions of the project and surrounding area.
43	The Project Authority shall allow only B category industries mainly Beverages, Paint Industries of orange and green category as per the KSPCB norms depending on the local demand. However individual industries attracting the provisions of EIA Notification shall be established only after obtaining prior E.C. from the competent authorities.	Noted.. Individual industries that are required to obtain EC will be informed to do so as per the provisions of EIA notification 2006.
44	The project proponent shall impose a condition to the prospective allottees of industrial plots to undertake treatment and reuse of effluents on the bases of advanced zero discharge concepts.	Noted. During the operation phase, each industrial unit will be informed to treat and reuse the wastewater generated in the industry as per the rules and regulations laid down by competent authority. Also they are advised to adapt advanced wastewater treatment systems for effective treatment, so that the treated water meets the norms laid down by CPCB.

45	The project proponent shall undertake activities under Corporate Environmental Responsibility (CER) with a total cost of not less than Rs. 1,85,00,000 towards providing drinking water supply, Development of infrastructure & sanitation facilities, Health, education, skill development, roads, cross drains, electrification including solar power, solid waste management facilities, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community areas etc. within five years around the project site in accordance with the O.M.F. No.22-65/ 2017-IA.III dated 1st May 2018 and report to be submitted to the Authority.	Noted. Steps with respect to CSR/CER responsibilities are being taken. Allotted funds are being used for the development of infrastructure. Awareness programmes, training programmes, distributions of saplings for planting in forest areas are being done as part of CSR/ CER responsibilities.
<b>II Operation Phase:</b>		
1	The Company shall implement all the recommendations made in the Environmental Impact Assessment /EMP report and risk assessment report.	Noted and complied with all the recommendations made in the Environmental Management Plan and applicable mitigation measures are adapted wherever required.
2	The installation of the Sewage Treatment Plant (STP)/ Effluent Treatment Plant (ETP) shall be got certified by an independent expert and a report in this regard should be submitted to the SEIAA before the project is commissioned for operation. Treated effluent emanating from STP/ ETP shall be recycled, reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of treated sewage shall conform to the norms & standards of the Karnataka State Pollution Control Board. Treated sewage should be used for flushing, gardening, etc. as proposed. Necessary measures should be made to mitigate the odour problem from STP/ETP.	Noted. ETP and STP of required capacity will be provided in the proposed industrial area. Required land area has already been allotted for establishment of ETP and STP at the site. At present as there are limited number of industries which are generating waste water. Once industrial area is completely occupied by all the industries and there is a sufficient load, the treatment plants will be installed. The industries transporting wastewater to CETP is also less as individual industries have agreed to install in-house STP/ ETP to treat the wastewater generated within the industry. The industries are also advised to adapt Zero Liquid discharge technology wherever possible/ applicable for efficient treatment of wastewater, so that the treated water conform to the norms and standards prescribed by KSPCB/CPCB and also so that there is zero discharge of effluent from the industry & 100% reuse/recycle of the treated water.

3	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Noted. During the construction phase, all the solid wastes generated from construction activity will be collected systematically in a safe and secured manner and will be disposed to authorized vendors/ disposers. Industries are informed to follow the guidelines issued by KSPCB/ CPCB or the local authority.
4	Diesel power generating sets proposed as source of back-up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG-sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Karnataka State Pollution Control Board.	Noted. The fuel used in individual DG sets during construction phase will have low sulphur content and it will be ensured that the air and noise emissions will be within the prescribed norms, so that there was no disturbance created due to use of DG sets. The industries are advised to install Pollution Control Equipment's wherever necessary and acoustic enclosures are provided to DG sets to reduce the environmental pollution (Air and Noise) as per the guidelines of KSPCB/ CPCB. Stack height for DG sets are provided as per CPCB/ KSPCB norms.
5	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Noted. Each individual industry will be informed to maintain the noise levels as per the CPCB/KSPCB norms.
6	The project proponent shall ensure development of a minimum of 33% of the project area which shall include the buffer zone and green belt developed by individual industries. The Project Authority may undertake compensatory green belt development through avenue plantation in the adjoining roads and in the civic amenity area if there is any shortfall within the project site in the unavoidable circumstances.	Agreed. It is proposed to develop 15 m green belt all along the boundary of the industrial area. Avenue plantation in the adjoining roads can also be seen in the project site and the individual industries have also been advised to do the same in the allotted plot area. Also individual industrial units are also advised to maintain green belt for 33% of the allotted plot area as applicable.
7	Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.	Noted and weep holes will be provided as suggested. Individual industries are advised to do the same.

8	Rain water harvesting for roof run- off and surface run- off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The borewell for rainwater recharging should be kept at least 5 mts. above the highest ground water table.	Noted. The project area and the industries proposed to operate within the area will be informed to provide with rain water harvesting systems and the industries will be advised to adapt pre-treatment facility as per the guidelines set by KSPCB/CPCB. The rainwater recharge well of sufficient capacity will be dug as per the guidelines.
9	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	Noted. Necessary approvals will be obtained from competent authority and CGWA guidelines will be followed to monitor ground water level and its quality. No permission will be provided by KIADB for new Borewell drilling without the prior approval from Central Ground Water Authority.
10	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Noted. Depending on the roadways surrounding the project site and traffic conditions in the proposed area, entry and exit points have been provided and the roads inside the project area will be well built to avoid any kind of traffic congestion. Individual industries are strictly advised to provide parking facilities only in the allotted plot areas and not to use public space.
11	A Report on the energy conservation measures confirming to energy conservation norms finalise by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc. and submit to the SEIAA, Karnataka in three months' time.	Noted.
12	Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.	Energy conservation measures will be adopted wherever possible. Necessary safety measures will be taken for the disposal of CFLs and TFLs or any type of waste which can lead to contamination. Solar panels will be used wherever possible. Industries units in the project area will also be advised to do the same.
13	Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP/ ETP.	Noted and will be followed. Necessary steps will be taken to prevent odour problem. Individual industries will also be informed to do the same.

14	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Noted and complied as suggested. Individual industries are also advised to do the same.
15	The project authorities shall obtain Authorization for Collection, Storage and disposal of Hazardous waste under the Hazardous waste (Management, Handling and Transboundary Movement) Rules, 2008 for management hazardous wastes and prior permission from KSPCB shall be obtained for collection/ treatment/ Storage/disposal of solid/ hazardous waste to TSDF. The concerned authority shall undertake measures for fire fighting facilities in case of emergency.	Noted. During the operation phase, industries will be informed to obtain Necessary authorization and they will be advised to strictly follow the rules and regulations made under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 & Solid Waste Management Rules, 2016. Hazardous wastes will be collected in safe and secure manner and will be disposed to authorized disposers/ recyclers /vendors etc. for safe disposal.
16	The project authorities must strictly comply with rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals rules, 1989 as amended in October 1994 and January 2000. All transportation of Hazardous Chemicals shall be as per the MVA, 1989 Authorization.	Noted. Necessary approvals from the competent authority will be obtained for the safe disposal of hazardous waste as per the applicable rules and regulations.
17	Project Authorities shall ensure transportation, segregation and composting is done in accordance with the Municipal Solid Wastes (Management and Handling) Rules 2000.	Noted and will be followed.
18	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision of solar water heating. A hybrid system or fully solar system for lighting and heating should be provided. Details in this regard should be submitted to the SEIAA.	Noted. Solar energy will be used wherever possible for lighting and heating systems and the industries established in the project area will also be advised to use solar energy wherever applicable/possible.
19	The individual industries shall take all necessary clearances including Environment clearance under EIA Notification 2006 where ever necessary in accordance with the law. The project Authority shall incorporate such condition in the lease/ sale deed/ Agreement.	Noted. Industries will be informed regarding the said condition and the condition will be mentioned in the lease or sale deed while allotting plots to the proposed projects.
20	The project authorities shall bifurcate the industrial plots and residential plots, if any with a thick and tall vegetative barrier green belt.	Noted.

21	The project-Authority shall incorporate a condition in the prospective lease/sale deed/Agreement with individual industries that they also shall abide by the conditions of this Environmental Clearance.	Noted.
<b>B</b>	<b>GENERAL CONIDITIONS:</b>	
1	The issuance of Environmental Clearance doesn't confer any right to the project proponent to operate/ run the project without obtaining Statutory clearances/ Sanctions from all other concerned authorities.	Noted. All necessary approvals will be obtained from the concerned authorities before the operation of the project and the same shall be informed to the industrial units.
2	The Project authorities shall strictly adhere to the stipulations made by Karnataka State Pollution Control Board (KSPCB).	Noted. All stipulations made by the KSPCB shall be strictly followed.
3	No further expansion or modifications of the industrial area shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be.	Noted. Prior approval will be obtained from the competent authority before any modification or expansion of the project.
4	The project proponent shall also comply with all the environmental protection measures and safeguards as per the information provided.	Agreed. All protection measures and steps will be taken for Environmental protection.
5	The implementation of the project vis-a-vis environmental action plans shall be monitored by MoEF, Regional office at Bangalore/ KSPCB/CPCB and the Department of Environment & Ecology, Bangalore. A six month compliance status report shall be submitted to monitoring agencies.	Noted.
6	The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the KSPCB and may also be seen at website of the Authority at <a href="http://seiaa.kar.nic.in">http://seiaa.kar.nic.in</a> , <a href="http://seiaa.karnataka.gov.in">http://seiaa.karnataka.gov.in</a> or 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 same shall be forwarded to the MoEF Regional office at Bangalore/ KSPCB/ CPCB and the Department of Environment & Ecology, Bangalore.	Noted and complied.



7	The Project authorities shall inform the MoEF, Regional Office, Bangalore/ KSPCB/ CPCB and the department of Ecology and Environment, Bangalore, the date of financial closure and final approval from the competent authorities and the date of start of the project.	Noted and informed as suggested.
8	The SEIAA, Karnataka may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.	Noted.
9	The SEIAA, Karnataka reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Noted.
10	The above conditions will be enforced, inter-alia under the provisions of the water (Prevention & Control of pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance act, 1991 along with their amendments and rules.	Noted.
11	Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (protection) Act, 1986.	Noted.
12	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
13	Officials from the Department of Environment and Ecology, Bangalore/ Regional office of MoEF, Bangalore who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of at the documents submitted to MoEF / SEIAA should be forwarded to the CCF, Regional office of MoEF, Bangalore / Department of Ecology and Environment, Bangalore/ Regional Officer, KSPCB Bangalore.	Noted. Required Full cooperation, facilities & all the necessary documents will be provided during the inspection and whenever required by the concerned authorities. As suggested complete set of all the required documents has been submitted to Regional Office- MoEF&CC at Bangalore.

14	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this authority.	Noted. Any changes in the project approved, will be made as a fresh appraisal in front of the Competent Authority.
15	The authority reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the environmental clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted.
16	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted. All the necessary approvals and clearances applicable will be obtained from the concerned authorities. Industrial units in the project area are also strictly informed to do the same before starting any kind of activities.
17	These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) act, 1991 and EIA notification, 2006.	Noted.
18	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining environmental clearance.	Noted. No such activities will be carried out without the prior approval from the concerned authorities.



#### **4.0. Environmental Monitoring Details:**

The MoEF&CC/ SEIAA has made mandatory to submit Six- monthly Compliance reports for everyone who has obtained Environmental Clearance. For this purpose of preparing Compliance report and Environmental Monitoring, the KIADB has provided the work to M/s. Robust Materials Technology Pvt. Ltd. to carry out Environmental Monitoring for Industrial Areas.

#### **4.1. Ambient Air Quality Monitoring:**

The Ambient Air Quality Monitoring is carried out for parameters such as Respirable Particular Matter (PM 10), Fine Particulate Matter (PM 2.5), Sulphur Dioxide (SO<sub>2</sub>) and Nitrogen Dioxide (NO<sub>2</sub>) at 8 Locations and the detailed reports are attached as **Annexure-4**.

The monitoring results reveal the following pollutant concentration with respect to PM, SO<sub>x</sub> and NO<sub>x</sub>:

Sl. No.	Parameters	Limits (As Per NAAQS) for 24hrs	Minimum Value	Maximum Value	Average Value
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	100	59.1	67.4	62.0
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	60	19.3	26.5	23.5
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	80	15.3	23.7	20.2
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	80	8.1	13.8	11.6

The above table reveals that all the monitored values are within the standards prescribed under National AAQM Standards notified on 18.09.2002.

#### **4.2. Ambient Noise Level Monitoring:**

The monitoring results reveal the following ambient noise concentration at different locations:

Sl. No.	Locations	Noise level in dB(A) Leq		CPCB Standard	
		Day	Night	Lday (Ld)	LNight (Ln)
1	Near Immavu village	52.6	44.2	55	45
2	Near KIADB water pump station- Project site	59.4	48.7	55	45
3	Near Adakanahalli village	54.2	44.6	55	45
4	Near Kempisidanahundi Village	53.8	43.6	75	70
5	Near Basavanapura Village	53.3	43.1	75	70
6	Near BTC Cold storage- Project site	63.1	51.1	55	45
7	Near Hebbayya village	52	42.1	55	45
8	Near Thandavapura Village	54.4	44.1	55	45

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB (A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB (A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB (A) (During night time).

The above table reveals that all the monitored values are within the standards prescribed under Noise Rules, 2000.

Ambient Noise Level is monitored and the detailed reports are attached as **Annexure-5**.

**4.3. Water Quality Monitoring:**

Water quality in the industrial area is monitored. The Ground and Surface water samples are collected and analyzed for water quality parameters. The Compiled test reports are attached as **Annexure-6**.

The water quality monitoring was carried out at 8 bore wells (different villages) spread across the study area and the following table gives the details of Maximum, Minimum and Average concentrations of different water quality parameters and the analysis reports reveals that all the parameters are well within the standards prescribed under IS 10500.

Sl. No.	Parameters	Minimum Value	Maximum Value	Average Value
1	Color (hazen units)	<2.0	<2.0	<2.0
2	Odour	Agreeable	Agreeable	Agreeable
3	pH Value	7.44	8.24	7.9
4	Turbidity, NTU	0.2	9	1.3
5	Chloride as Cl, mg/L	24.1	101.2	46.4
6	Total hardness as CaCO <sub>3</sub> , mg/L	86.6	379.4	289.2
7	Calcium as Ca, mg/L	21.5	94.1	64.4
8	Magnesium as Mg, mg/L	8	47.05	31.2
9	Total dissolved Solids, mg/L	115	633	413.5
10	Sulphate as SO <sub>4</sub> , mg/L	40.2	46.8	43.1
11	Nitrate as NO <sub>3</sub> , mg/L	4.8	5.6	5.2875
12	Fluoride as F, mg/L	0.2	0.3	0.3
13	Iron as Fe, mg/L	BDL	BDL	BDL
14	Lead as Pb, mg/L	BDL	BDL	BDL
15	Copper as Cu, mg/L	BDL	BDL	BDL
16	Zinc as Zn, mg/L	BDL	BDL	BDL
17	Chromium as Cr, mg/L	BDL	BDL	BDL
18	Dissolved oxygen, mg/L	3.1	4.2	3.56

**4.4. Soil Quality Monitoring:**

Soil quality in the industrial area is monitored. The soil samples are collected and analysed for different parameters. The compiled test reports are attached as **Annexure-7**.

The soil quality monitoring was carried out at 8 locations (different villages) spread across the study area and the following table gives the details of Maximum, Minimum and Average concentrations of different soil quality parameters and the analysis reports reveals that all the parameters are well within the standards prescribed.

Sl. No.	Soil Parameters	Minimum Value	Maximum Value	Average Value
1	pH (20% Suspension)	6.82	8.63	7.8
2	Conductivity, $\mu\text{mhos/cm}$	34.0	210.0	91.9
3	Chloride as Cl, mg/Kg	48.13	230.23	94.3
4	Moisture, %	13.96	46.51	26.4
5	Organic Matter, %	0.2	2.05	1.0
6	Calcium as Ca, mg/Kg	233.68	659.36	382.5
7	Magnesium Mg, mg/Kg	34.8	104.4	62.6
8	Colour	Brown	Brown	Brown
9	Sulphur as S, mg/Kg	1.42	13.96	6.8
10	Nitrogen as N, %	0.005	0.01	0.008
11	Phosphorous as P, mg/Kg	3.97	6.6	5.3
12	Potassium as K, mg/Kg	13.01	123.39	51.1
13	Copper as Cu, mg/Kg	14.21	24.05	19.0
14	Chromium as Cr, mg/Kg	5.9	18	11.7
15	Zinc as Zn, mg/Kg	16.25	34.84	23.0
16	Lead as Pb, mg/Kg	4.25	12.72	8.1
17	Nickel as Ni, mg/Kg	15.69	36.58	22.6
18	Cadmium as Cd, mg/Kg	<0.1	<0.1	<0.1



## State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

No. SEIAA 11 IND 2013

Date: 29-01-2019

To,

Chief Development Officer & Chief Engineer  
Karnataka Industrial Area Development Board (KIADB)  
No. 49, 4<sup>th</sup> & 5<sup>th</sup> Floor, Khanija Bhavan  
Race Course Road, Bangalore - 560 001.

Sir,

**Sub:** Proposed Development of Adakanahalli Industrial Area at Adakanahalli Village, Nanjungud Taluk, Mysore District by Karnataka Industrial Area Development Board (KIADB) - Issue of Environmental Clearance- reg.

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This has reference to your online application dated 13<sup>th</sup> June 2016 bearing proposal No. SIA/KA/NCP/8763/2013 addressed to SEIAA, Karnataka and subsequent letters addressed to SEIAA/SEAC Karnataka seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of the provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Application in Form 1, Pre-Feasibility Report, EIA study report for proposed Development of Adakanahalli Industrial Area and the additional clarifications furnished in response to the observations of the SEIAA and SEAC, Karnataka.

2. It is, inter-alia, noted that Karnataka Industrial Area Development Board (KIADB) have proposed for Development of Adakanahalli Industrial Area on a total plot area of 222.75 Ha (550 Acres) (however the entire Industrial area is distributed only on an area of 217.85 Ha (538.22 Acres)) (Details of the land is Annexed). Out of 538.22 Acres of area, 331.16 Acres area is for Industrial Land, 23.89 Acres area is earmarked for Residential purpose, 10.77 Acres area is for Commercial purpose, 25.07 Acres area is for Parks, 14.38 Acres area is for Buffer Zone, 59.77 Acres area is for Roads, 37.81 Acres area is for Amenities, 2 Acres area is for storm water drain, 6.46 Acres area is for canal and 26.91 Acres area is for parking. (The site plan is Annexed). Total water requirement for the industrial area is 3,795 KLD will be met from Kabini/Kapila river. Total waste water generated is 1,805 KLD. It is proposed to construct Two Common Effluent Treatment plants (CETP) each with a capacity of 0.7 MLD and Two Common Sewage Treatment plants (CSTP) each with a capacity of 0.5 MLD. Total power requirement is 5000 KW will be sourced from KPTCL. The project cost is Rs. 123.14 Crores (excluding Land Cost).

3. The project proposal has been considered by SEAC during the meeting held on 17<sup>th</sup> & 18<sup>th</sup> May 2013 for issue of ToRs. Accordingly the ToR was issued on 13<sup>th</sup> June 2013. The EIA study has been conducted and report submitted by Ramky Enviro Engineers Pvt. Ltd., Ramky House, Raj Bhavan Road, Somajiguda, Hyderabad - 500 082, who are accredited from NABET. Public consultation was held by KSPCB on 10<sup>th</sup> September 2015. The proponent has submitted the EIA report on 03-02-2016.

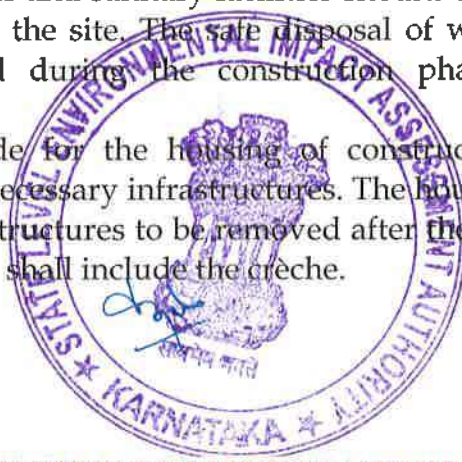
4. Based on the information submitted by you, presentation made by you and your consultant Ramky Enviro Engineers Pvt. Ltd. The State Level Expert Appraisal Committee (SEAC) examined the proposal in the meeting held on 28<sup>th</sup> December 2018 and has recommended for issue of Environmental Clearance.

5. The SEIAA Karnataka during the meeting held on 10<sup>th</sup> January 2019 duly considering the relevant documents submitted by the project proponent, additional clarifications furnished in response to its observations and the appraisal and recommendation of the SEAC has decided to accord Environmental Clearance in accordance with the provisions of Environment Impact Assessment Notification-2006 and its subsequent amendments, subject to strict compliance of the following terms and conditions:

**PART-A- SPECIFIC CONDITIONS:-**

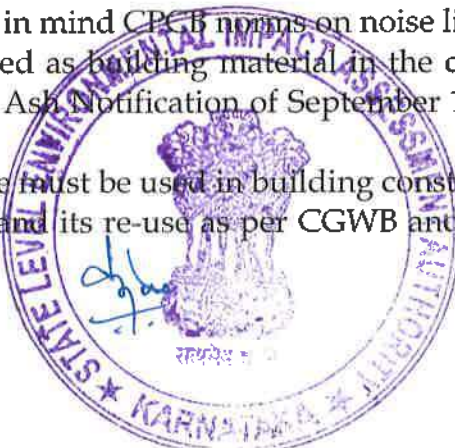
**I. Construction Phase:-**

1. "Consent for Establishment" shall be obtained from Karnataka State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Karnataka before start of any construction work at the site.
2. Set up an environment management cell with appropriate lab facility shall be created as the project starts. It shall monitor all necessary parameters and activities during construction and operational phases from day one. The cell also ensures that the cell manages / maintains all the environmental aspects such as sewage treatment, solid waste disposal, maintenance of green belt areas, etc.
3. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase. Sufficient number of toilets/bathrooms shall be provided with required mobile toilets, mobile STP for construction work force.
4. A First Aid Room should be provided in each of the three proposal project areas the Project both during construction and operation phase.
5. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
6. Provision shall be made for the housing of construction labourers within the site with all necessary infrastructures. The housing may be in the form of temporary structures to be removed after the completion of the project. The facilities shall include the creche.





7. Provision should be made for the supply of fuel (kerosene or cooking gas); utensils such as pressure cookers etc. to the labourers during construction phase.
8. All the labourers to be engaged for construction should be screened for health and adequately treated before engaging them to work at the site and detailed report submitted to SEIAA. Safety standards as per National Building Code (NBC) should be ensured.
9. For dis-infection of wastewater which is not meant for recycling for toilet flushing, use ultra violet radiation and not chlorination. For treated wastewater meant for reuse for toilet flushing, disinfect by using chlorination.
10. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
11. Disposal of muck, construction debris during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
12. Soil and ground water samples should be tested at the project site during the construction phase to ascertain that there is no threat to ground water quality by leaching of heavy metals and or other toxic contaminants and report submitted to SEIAA.
13. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
14. The diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to E (P) Rules prescribed for air and noise emission standards.
15. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
16. Vehicles hired for bringing construction material to the site should be in good condition and should conform to the applicable air and noise emission standards and should be operated only during non-peak hours.
17. Ambient noise levels should conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.
18. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on August 2003.
19. Ready mixed concrete must be used in building construction.
20. Storm water control and its re-use as per CGWB and BIS standards for various applications.



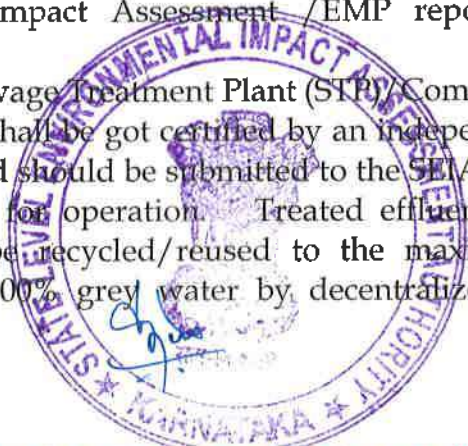
21. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices and only tertiary treated water shall be used for construction as per G.O. No. FEE 188 ENV 2003 dated 14.08.2003.
22. No ground water is to be drawn without permission from the Central/State Ground Water Authority.
23. Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.
24. Treatment of 100% grey water by decentralized treatment should be done.
25. The provision of Energy Conservation Building code, 2006 shall be fully complied with.
26. Roof should meet prescriptive requirement as per Energy Conservation Building Code, 2007 by using appropriate thermal insulation material.
27. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, 2007 which is proposed to be mandatory for all air conditioned spaces while it is optional for non-air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.
28. The Proponent shall obtain the construction material such as stones and jelly etc. only from the approved quarries and other construction material shall also be procured from the authorized agencies/traders.
29. The proponent shall obtain approval from the competent authorities for structural safety of the building due to earthquake, adequacy of firefighting equipment etc. as per the National Building Code (NBC) including protection measures for lightening etc.
30. The project authority shall ensure that no water bodies are polluted due to project activities.
31. Safety standards as per National Building Code (NBC), 2005 should be followed and ensured.
32. The project Authorities shall ensure that the National Building Code, 2005 is complied with and adhered to.
33. The project authorities shall not use Kharab land if any, for any purpose and keep available to the general public duly displaying a board as public property. No structure of any kind be put up in the Kharab land and shall be afforested and maintained as green belt only.
34. The authorities should include the condition while issuing plots to the prospective individual industries that they should develop greenbelt of at least 33 % of the plot area.
35. The industrial units in the industrial area and the associated facilities shall be strictly in accordance with the norms laid down by the Karnataka State Government and KSPCB/CPCB.
36. The project authorities shall strictly adhere to the commitments made with regard to establishment of STP/CETP, buffer zone, green belt, conditions to be incorporated in the lease document while allotting plots to individual industries, environment safety aspects etc.
37. The project Authorities shall ensure the time specification prescribed by the Honourable High Court of Karnataka in WP. No. 1958/2011 (LB -



- RES - PIL) on 04.12.2012 for different activities involved in construction work.
38. The existing water body, canals and rajakaluve and other drainage and water bound structures if any shall be retained unaltered with due buffer zone as applicable and maintained under tree cover.
  39. The project authorities shall leave required buffer from the boundary of lake and on either side of the channel / nala and other water bodies if any and this shall be free from any permanent structures. The buffer so maintained shall be planted with indigenous tree species and maintained as green belt.
  40. The natural sloping pattern of the project site other than the area excavated for the purpose of construction of proposed building shall remain unaltered and the natural hydrology of the area be maintained as it is to ensure natural flow of storm water.
  41. Lakes and other water bodies within and/or at the vicinity of the project area shall be protected and conserved.
  42. The project Authority will undertake all relevant measures, as indicated during the Public Hearing for improving the Socio-economic conditions of the surrounding area.
  43. The project Authority shall allow only B category industries mainly Beverages, Paint industries along with other general industries of orange and green category as per KSPCB norms depending on the local demand. However individual industries attracting the provisions of EIA Notification shall be established only after obtaining prior EC from the competent Authorities.
  44. The project proponent shall impose a condition to the prospective allottees of industrial plots to undertake treatment and reuse of effluents on the bases of advance zero discharge concepts.
  45. The project authorities shall undertake activities under Corporate Environment Responsibility (CER) with a total cost of not less than Rs. 1,85,00,000 towards providing drinking water supply, sanitation, health, education, skill development, roads, cross drains, electrification including solar power, solid waste management facilities, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community areas etc. within five years around the project site in accordance with the O.M. F. No.22-65/2017-IA.III dated 1st May 2018 and report be submitted to the Authority.

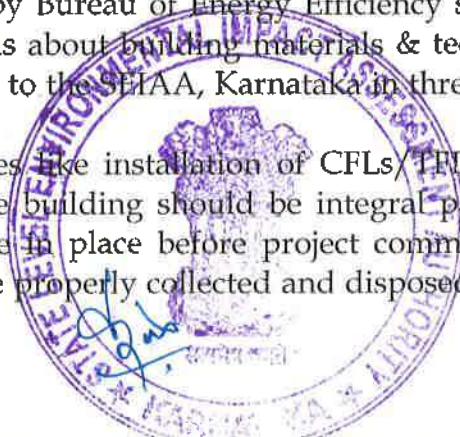
## **II. Operation Phase:-**

1. The Project Authority shall implement all the recommendations made in the Environmental Impact Assessment /EMP report and risk assessment report.
2. The installation of the Sewage Treatment Plant (STP)/Common Effluent Treatment Plant (CETP) shall be got certified by an independent expert and a report in this regard should be submitted to the SEIAA before the project is commissioned for operation. Treated effluent emanating from STP/CETP shall be recycled/reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment



should be done. Discharge of treated sewage shall conform to the norms & standards of the Karnataka State Pollution Control Board. Treated sewage should be used for flushing, gardening, etc. as proposed. Necessary measures should be made to mitigate the odour problem from STP/CETP.

3. The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry / inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
4. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Karnataka State Pollution Control Board.
5. Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
6. The project proponent shall ensure development of a minimum of 33% of the project area which shall include the buffer zone and green belt developed by individual industries. The project Authority may undertake compensatory green belt development through avenue plantation in the adjoining roads and in the civic amenity area if there is any shortfall within the project site in the unavoidable circumstances.
7. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.
8. Rain water harvesting for roof run- off and surface run- off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging should be kept at least 5 mts. above the highest ground water table.
9. The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
10. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
11. A Report on the energy conservation measures confirming to energy conservation norms finalize by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the SEIAA, Karnataka in three months time.
12. Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent



- for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.
13. Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP/ETP.
  14. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
  15. The project authorities shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 for management of hazardous wastes and prior permission from KSPCB shall be obtained for collection/treatment/ storage/disposal of solid / hazardous waste to the TSDF. The concerned authority shall undertake measures for firefighting facilities in case of emergency.
  16. The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October 1994 and January 2000. all transportation of Hazardous Chemicals shall be as per the MVA, 1989. Authorization.
  17. Project Authorities shall ensure transportation, segregation and composting is done in accordance with the Municipal Solid Wastes (Management and Handling) Rules 2000.
  18. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for lighting and heating should be provided. Details in this regard should be submitted to the SEIAA.
  19. The individual industries shall take all necessary clearances including Environment clearance under EIA Notification 2006 whenever necessary in accordance with the law. The project Authority shall incorporate such condition in the lease/ sale deed/ Agreement.
  20. The project authorities shall bifurcate the industrial plots and residential plots, if any with a thick and tall vegetative barrier green belt.
  21. The project Authority shall incorporate a condition in the prospective lease/sale deed/ Agreement with individual industries that they also shall abide by the conditions of this E.C.

**PART-B. GENERAL CONDITIONS:-**

1. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
2. The project authorities shall strictly adhere to the stipulations made by the Karnataka State Pollution Control Board (KSPCB).
3. No further expansion or modifications of the industrial area shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be.





4. The project proponent shall also comply with all the environmental protection measures and safeguards as per the information provided.
5. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF, Regional Office at Bangalore / KSPCB/ CPCB and the Department of Environment & Ecology, Bangalore. A six monthly compliance status report shall be submitted to monitoring agencies.
6. The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the KSPCB and may also be seen at Website of the Authority at <http://www.seiaa.kar.nic.in>, <http://seiaa.karnataka.gov.in> or <http://environmentclearance.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 MoEF Regional Office at Bangalore / KSPCB/ CPCB and the Department of Environment & Ecology, Bangalore.
7. The project authorities shall inform the MoEF Regional Office at Bangalore / KSPCB/ CPCB and the Department of Ecology and Environment, Bangalore, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
8. The SEIAA, Karnataka may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
9. The SEIAA, Karnataka reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.
10. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
11. The issue of Environment Clearance doesn't confer any right to the project proponent to operate / run the project without obtaining statutory clearances / sanctions from all other concerned Authorities.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.
13. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
14. Officials from the Department of Environment and Ecology, Bangalore/ Regional Office of MoEF, Bangalore who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted

State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India under section 3(3) of E(P) Act, 1986)

SEIAA 11 IND 2013

Proposed Development of Adakanahalli  
Industrial Area by KIADB

- to MoEF / SEIAA should be forwarded to the CCF, Regional Office of MoEF, Bangalore/ Department of Ecology and Environment, Bangalore/ Regional Officer, KSPCB Bangalore.
15. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
  16. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
  17. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.
  18. These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
  19. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining environmental clearance.

Yours faithfully,



(N.L. Shanthakumar)  
Member Secretary,  
SEIAA, Karnataka.

Copy to:

1. The Secretary, Ministry of Environment, Forests and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi - 110 003.
2. The Member Secretary, Karnataka State Pollution Control Board, Bengaluru.
3. The APCCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bengaluru - 560 034.
4. Guard File.



Consent Order No.      CTE-321915      PCB ID:      79039      Date.      01/12/2020

To,

The Applicant

Proposed Development Of Adakanahalli Industrial Area At Adakanahalli Village Nan

Office of the Development Officer, Zonal Office. K.R.S. Road. Metagalli, Mysuru

Sir,

Sub: Consent to Establish under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981-reg.,

Ref: 1. CFE application submitted by the industry/organization on 28/01/2020 at Regional Office

2. Inspection of the project site by Regional Officer Mysore-2 on 19/08/2020

3.Proceedings of the CCM dated 11/09/2020 ,held on 10/09/2020

With reference to the above, Karnataka State Pollution Control Board hereby accords **Consent for Establishment** for new Activity under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981 at the location indicated below subject to the following terms & conditions.

**Location:**

Name of the Applicant:      Proposed Development Of Adakanahalli Industrial Area At Adakanahalli Village Nan

Address:      Various survey nos of Adakanahalli village, Imnavu Village a, Adakanahalli Industrial Area at Adakanahalli village Nanjun

Industrial Area:      Thandya I.A,      Adakanahalli village, ,

Taluk:      Nanjanagud,      District: Mysore

**Conditions:**

1. This consent for establishment is valid up to 30/11/2025 from the date of issue.
2. The applicant shall not undertake expansion/diversification without the prior consent of the Board.
3. The applicant shall obtain necessary license/clearance from other relevant statutory agencies as required under the law.
4. This consent is granted considering the following activities:

Sr	Product Name	Applied Qty/Month	Unit
1	Development of New Industrial layout (orange & green category) consisting of 331.16Acres area is for industrial land, 23.89Acres area for residential total in an area of 538.22Ac	1.0000	---

**I. WATER CONSUMPTION:**

1. The source of water shall be from Kabini/Kapila River and total water consumption shall be as below.

Particulars	Water consumption(KLD)
Domestic Purpose	832.0
Manufacturing Processes	1509.0



II. WATER POLLUTION CONTROL:

- 1.The discharge from the premises of the applicant shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act or Rules made there under.
2. The applicant shall treat the domestic wastewater from the factory in septic tank with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be designed as per IS 2470 Part - I andPart- II
3. The applicant shall treat the domestic wastewater in the Sewage Treatment Plant (STP) as per the proposal submitted.It shall meet the standards specified in Annexure-I & shall be used on land for gardening/greenbelt within the factory premises.
4. The quantity of domestic waste water and trade effluent generated from the proposed industry shall not exceed the permitted quantity as indicated below

Discharge of effluents under the Water Act:

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
2	Domestic Purpose	749.000	AS per EC- 2 numbers of 0.5MLD STP At present there is no plan for STP installation from KIADB- Hence need to be deleted
1	Manufacturing Processes	749.000	CETP- AS per EC- 2 numbers of 0.7MLD CETP , At present no plan for installation of CETP, hence need to be deleted

5. The applicant shall treat the trade effluent in proposed ETP which consists of the following;
6. The applicant shall ensure that the ETP will treat the effluent to the stipulated standards as indicated in Annexure-I
7. The applicant shall not discharge any effluent outside the industry premises.
8. The applicant shall provide separate flow meter for inflow & outflow of effluents through ETP and separate energy meter and shall maintain a logbook for hourly record of meter reading for the verification of inspecting officers
9. The applicant shall discharge the effluents only to the place mentioned in the Consent order.

III. AIR POLLUTION CONTROL:

1. The Source of emission, Stack height & Air Pollution Control (APC) measures shall be as specified in ANNEXURE-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

IV. NOISE POLLUTION CONTROL:

1. The applicant shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e. 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in the Environment (Protection) Rules.

V. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous and other Wastes (Management & Transboundry Movement) Rules 2016 in such manner so as not to cause environmental pollution.
2. The details of solid waste generated from the proposed plant and mode of disposal shall be as below.

Sr	Solid Waste Name/Type	Qty-Unit	Mode of Disposal
1	Solid waste 3700 kg/day	111.0000 - M.T	OTH

VI. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDRY MOVEMENT) RULES 2016:

1. The applicat shall apply and obtain authorization under Hazardous and Other Wastes (Management & Transboundry Movement) Rules 2016, and comply with the provisions of the said Rules.





Consent For Establishment (CFEs)

Consent No. CTE-321915 Valid upto: 30/11/2025

Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax: 080-25586321  
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: LARGE

(This document contains 4 pages including annexure & excluding additional conditions)

VII. GENERAL:

1. The applicant shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
2. The applicant shall not commission the proposed plant for trial or regular production unless necessary Water & air pollution control equipments are installed as specified in the Consent Order.
3. The applicant shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
4. The applicant shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
5. The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc. in excess of the standards stipulated. And the industry shall immediately take appropriate corrective and preventive actions under intimation to the Board.
6. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
7. This CFE does not give any right to the Party/Project Authority/Industry to forego any other legal requirement, that is necessary for setting/operation of the plant.
8. The applicant shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.
9. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration in advance an amount equal to the cost estimated by Competent Agency or Committee.
10. The applicant shall comply with all the Conditions and guidelines issued from time to time.
11. The applicant must create structure/facility for rain water harvesting and ground water recharge.
12. The applicant shall develop extensive green belt within the periphery of the plant.
13. This consent is issued without prejudice to Court Cases pending in any Hon'ble Court.

Please note that this is only consent for establishment issued to you to proceed with the formalities for establishment of the industry and does not give any right to proceed with trial/regular production. For this purpose, separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 45 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

Consent Fee paid : Rs. 30000

Note:

The Conditions Nil mentioned in the schedule are not applicable.

Additional Conditions:

A – 2(a), 3(a), 3(b), C, D, F, G(8) these conditions are not applicable.

The project authorities shall strictly comply with the conditions stipulated in Annexure I contains 08 pages.

The CFO is issued as per the recommendations of the Enforcement Committee Meeting held on 10.09.2020 & duly approved by Member Secretary & Hon'ble Chairman.

COPY TO:

1. The Environmental Officer, KSPCB, Regional Office, Mysore-2 for information and to inspect the industry during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.

ANNEXURE- II

Chi m.N o.	Chimne y attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed,in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	D.G. Sets	Not applicabl e	0	PM(mg/NM3),SO2 (PPM),NOx(PPM)	100,80,80	DIE	AEC	Before commissioning.

Note:  
AEC : Accoustic Enclosures

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:  
  
Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points.The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame or rectangular stacks, the equivalent diameter can be calculated from the following equation.  
  

2 (Length x Width)

Equivalent Diameter = -----

(Length + Width)
2. The diameter of the sampling port should not be less than 100mm dia”. Arrangements should be made so that the porthole is closed firmly during the non sampling period.
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

FOR AND ON BEHALF OF KARNATAKA POLLUTION CONTROLBOARD

Signature Not Verified

Digitally signed by ?

Date: 2020.12.01 12:50:09 +05:30





## KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD

(A Government of Karnataka Undertaking)

No. 49, 4<sup>th</sup> & 5<sup>th</sup> Floor, East Wing, Kharajia Bhavan,  
Race Course Road, Bengaluru - 560 001,

Phone: 080-2226583/40931272 Fax: 080-22267901

Website: [www.kiadb.in](http://www.kiadb.in) E-mail: [cdcoe@kiadb.in](mailto:cdcoe@kiadb.in)

Date: 02.03.2019

## KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD PUBLIC ANNOUNCEMENT

KIADB has obtained Environment Clearance from State Level Environment Impact Assessment Authority (SEIAA) for the following Industrial Areas. The Copies of the Environment Clearances are available in the website of SEIAA (<http://seiaa.karnataka.gov.in>)

**Environment Clearances from State Level Environment Impact Assessment Authority (SEIAA)**

1. Adakanahalli Industrial Area, Located in Adakanahalli Village, Nanjangud Taluk, Mysuru District.
2. Raichur Housing Growth Centre, Located in Yaramanus and Potagal Villages, Raichur Taluk, Raichur District.

**Sd/- Chief Development Officer & Chief Engineer**



## UNIVERSITY OF MYSORE

UNIVERSITY WITH POTENTIAL FOR EXCELLENCE

Vignana Bhavan, Manasagangothri, Mysore - 570 006

Ph: 0821-2419445/444422300 E-mail: [uom.ipe@gmail.com](mailto:uom.ipe@gmail.com)

NO.UPE/631/2018-19

Dated : 02-03-2019

## SHORT TERM TENDER NOTIFICATION (Through Karnataka Government e-procurement portal only)

The Chief Coordinator, UGC-UPE Project, Vignana Bhavana, Manasagangothri, University of Mysore, Mysuru invites the tender from eligible bidders for **E-Lounge Facility (for Library purpose)**, University of Mysore, Mysuru as per KPP Act and Rules 2000 chapter -2, as per Rules 3(2) Annexure-B (Good Supplies and Services) through e-procurement portal. The tender indent Nos are as follows and the last date for submission is 12-03-2019

1. MU/UPE/EQUIP/2018-19/IND-696

**Note :** For more information contact Help line telephone no. 0821-2419445/556/444/300 or Website : <https://eproc.karnataka.gov.in>

Sd/-

Chief Coordinator, UGC-UPE Project,  
Vignana Bhavan, Manasagangothri,

Mysore - 570 006

No.DPR/MSD/1304/MAR/18-19



## SAINIK SCHOOL KALIKIRI, CHITTOOR DIST (AP) (Under the aegis of Mod, Govt of India) Pincode-517234

## STAFF REQUIRED

Sl. No.	Vacancy Particulars	No. of Vacancies	Age Limit	Pay Scale
1.	PGT Biology	01 regular Unreserved	21 to 35 years as on 01 Apr 2019	As per the recommendations of 7th CPC
2.	Lab Assistant (Biology)	01 regular Unreserved	21 to 50 years as on 01 Apr 2019	
3.	Lab Assistant (Physics)	01 regular Unreserved	21 to 50 years as on 01 Apr 2019	
4.	Lab Assistant (Chemistry)	01 regular Unreserved	21 to 50 years as on 01 Apr 2019	
5.	School Medical Officer	01 Part-time	Not more than 50 years as on 01 Apr 2019	Rs.20,000-25,000/- P.M (Consolidated) based on the working hours



of Replacement of 3 Nos. of age old M/S. BHEL make 400KV SFC Circuit Breaker by new M/s. GE make 400KV Circuit Breaker at 220/400KV Station, KPTCL, Talaguppa on Partial turnkey basis in Transmission(W&M)Circle, KPTCL, Shivamogga(CALL-2).

For detailed information and to participate in the tender through e-procurement mode please visit our website [www.kptcl.com](http://www.kptcl.com) hyperlink "e-procurement" or directly you can access the tendering website: [www.eproc.karnataka.gov.in](http://www.eproc.karnataka.gov.in) after 06-03-2019. Any other details can be obtained from the office of the undersigned.

**Sd/- Superintending Engineer, Elec.,**  
Transmission (W&M) Circle, KPTCL, Shantia Mansonga,  
1st Floor, Gandhinagar Main Road, Shivamogga,  
Ph : 08182-272624, Fax : 08182-272624.

## TAMIL NADU SLUM CLEARANCE REQUEST FOR EXPRESSION OF INTEREST (Consulting Services - Firms Selection)

Tamil Nadu Slum Clearance Board (TNSCB), Government applied for financing from the World Bank towards the Housing and Habitat Development Project. TNSCB now invites firms to indicate their interest in providing the consulting & mentioned assignments.

Assignment No. 1: Consulting Services for Preparation of Assessment and Management Framework and Site-Specific Assessments for selected project interventions under the Housing and Habitat Development Project in Chennai Metropolitan Area of Tamil Nadu, India. (Ref: IN-TNSCB-91183-CS-QCBS)

Assignment No. 2: Consulting Services for Preparation of Assessment, Resettlement Action Plan / Social Resettlement Policy Framework and Social Management proposed Tamil Nadu Housing and Habitat Development Metropolitan Area of Tamil Nadu, India. (Ref: IN-TNSCB-100)

The detailed REOI and Terms of Reference are available at [www.tnschb.org](http://www.tnschb.org) and [www.tenders.tn.gov.in](http://www.tenders.tn.gov.in). The Expressions of Interest shall be submitted for each assignment separately. The submission of REOI is 21.03.2019 up to 5:45 PM. The Superintending Engineer, Project Monitoring Unit - World Bank Slum Clearance Board, No.5, Kamarajar Salai, Chennai, India. E-mail: [tnschbprocurement@gmail.com](mailto:tnschbprocurement@gmail.com).

DPR/321/DISPLAY/2019

**SUPERINT PROJECT**



## TAMIL NADU TEXTBOOK AND EDUCATIONAL SERVICES CORPORATION Chennai-600 006

**CONTRIBUTION**  
Advertisement published in The New Indian Express on 05.03.2019, under R.C.No.230/ Pmr-2/2019 dated 4.3.2019, under R.A.N. COAT SCHOLARSHIP and R.C.No.558/Pmr-2/2019- SCHOLARSHIP and R.C.No.558/Pmr-2/2019- SCHOLARSHIP. The interested persons may send their applications to the undersigned or <http://www.tnschb.org> to avail the services of the Textbook and Educational Services Corporation.

Managing Director, Tendering Agency,  
Tamil Nadu Textbook and Educational Services Corporation,  
Chennai-600 006



## CAUVERY NEERAVA (A Government of Karnataka Undertaking)

Office of the Executive Engineer,  
Bank Canal Division, H

**Tender Date Extension**

The last date for uploading of notification No. 29/2018-19, D upto 18/03/2019, Pre bid meeting the Office of Chief Engineer, H 11.30 AM, Cover I will be opened will be opened on 22/03/2019, thereafter there is no change in above.

CNNL

## CAUVERY NEERAVA (A Government of Karnataka Undertaking)

Office of the Executive Engineer,  
Bank Canal Division, H

**Tender Date Extension**

The last date for uploading of notification No. 24/2018-19, Date 18/03/2019, Pre bid meeting will







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## ROBUST MATERIALS TECHNOLOGY PVT. LTD.

(Recognised by MoEF&CC, DSIR-Government of India & Notified by FSSAI)  
(Approved by Drug Control Department-GoK ; Certified by OHSAS-ISO 45001:2018)

No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00512
	Report date	: 16/04/2021
	Ref.	: Test Request Form
	Date of Sampling	: 08/04/2021 to 09/04/2021
	Job Order No	: RE/2021/00512
	Date of Receipt	: 10/04/2021
	Analysis Start date	: 12/04/2021
Sample Particulars: Ambient Air Monitoring for 24 hrs.	Analysis Completed date	: 16/04/2021
Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).		
Sample Location: Near Immavu village.		

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	60.5	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	23.9	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	21.2	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	11.6	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

Details of Equipment used for monitoring		
Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-460	Envirotech APM-550 mini
Sl. No.	2814/DTB/2020	938/DTE/2020
Calibrated on date	18-12-2020	18-12-2020
Calibration due date	17-12-2021	17-12-2021

-----END OF THE REPORT-----

16/4/21  
Verified by

16/04/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**TEST REPORT**



**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00514
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 08/04/2021 to 09/04/2021
Job Order No	: RE/2021/00514
Date of Receipt	: 10/04/2021
Analysis Start date	: 12/04/2021
Analysis Completed date	: 16/04/2021

**Sample Particulars:** Ambient Air Monitoring for 24 hrs.

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Location:** Near KIADB water pump station- Project site.

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	63.7	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	25.2	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	22.3	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	11.8	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

Details of Equipment used for monitoring		
Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-460	Envirotech APM-550 mini
Sl. No.	2816/DTB/2020	941/DTE/2020
Calibrated on date	18-12-2020	22-02-2021
Calibration due date	17-12-2021	21-02-2022

-----END OF THE REPORT-----

  
16/4/21  
Verified by

  
16/04/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





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Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00516
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 08/04/2021 to 09/04/2021
Job Order No	: RE/2021/00516
Date of Receipt	: 10/04/2021
Analysis Start date	: 12/04/2021
Analysis Completed date	: 16/04/2021

**Sample Particulars:** Ambient Air Monitoring for 24 hrs.

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Location:** Near Adakanahalli village.

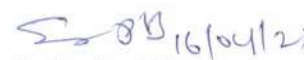
Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	62.1	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	26.5	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	23.7	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	13.8	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

Details of Equipment used for monitoring		
Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-460	Envirotech APM-550 mini
Sl. No.	2819/DTB/2020	943/DTE/202
Calibrated on date	18-12-2020	22-02-2021
Calibration due date	17-12-2021	21-02-2022

-----END OF THE REPORT-----

  
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Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



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No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,  
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00518
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 08/04/2021 to 09/04/2021
Job Order No	: RE/2021/00518
Date of Receipt	: 10/04/2021
Analysis Start date	: 12/04/2021
Analysis Completed date	: 16/04/2021

**Sample Particulars:** Ambient Air Monitoring for 24 hrs.

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Location:** Near Kempisidanahundi Village.

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	60.8	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	23.6	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	20.3	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	12.1	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

#### Details of Equipment used for monitoring

Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-460	Envirotech APM-550 mini
Sl. No.	2815/DTB/2020	944/DTE/2020
Calibrated on date	18-12-2020	18-12-2020
Calibration due date	17-12-2021	17-12-2021

-----END OF THE REPORT-----

  
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**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





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Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00536
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 09/04/2021 to 10/04/2021
Job Order No	: RE/2021/00536
Date of Receipt	: 10/04/2021
Analysis Start date	: 12/04/2021
Analysis Completed date	: 16/04/2021

**Sample Particulars:** Ambient Air Monitoring for 24 hrs.

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Location:** Near Basavanapura Village.

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	61.8	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	22.3	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	19.2	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	9.7	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards.

#### Details of Equipment used for monitoring

Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-460	Envirotech APM-550 mini
Sl. No.	2814/DTB/2020	938/DTE/2020
Calibrated on date	18-12-2020	18-12-2020
Calibration due date	17-12-2021	17-12-2021

-----END OF THE REPORT-----

*[Signature]*  
16/4/21

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*[Signature]* 16/04/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



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### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00538
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 09/04/2021 to 10/04/2021
Job Order No	: RE/2021/00538
Date of Receipt	: 10/04/2021
Analysis Start date	: 12/04/2021
Analysis Completed date	: 16/04/2021

**Sample Particulars:** Ambient Air Monitoring for 24 hrs.

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Location:** Near BTC Cold storage- Project site.

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	67.4	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	23.5	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	18.6	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	13.8	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards.

Details of Equipment used for monitoring		
Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-460	Envirotech APM-550 mini
Sl. No.	2816/DTB/2020	941/DTE/2020
Calibrated on date	18-12-2020	22-02-2021
Calibration due date	17-12-2021	21-02-2022

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**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





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### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
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Karnataka 560 001.

Report No.	: RE/2021/00540
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 09/04/2021 to 10/04/2021
Job Order No	: RE/2021/00540
Date of Receipt	: 10/04/2021
Analysis Start date	: 12/04/2021
Analysis Completed date	: 16/04/2021

**Sample Particulars:** Ambient Air Monitoring for 24 hrs.

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Location:** Near Hebbayya village.

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	59.1	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	19.3	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	15.3	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	8.1	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

#### Details of Equipment used for monitoring

Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-460	Envirotech APM-550 mini
Sl. No.	2819/DTB/2020	943/DTE/202
Calibrated on date	18-12-2020	22-02-2021
Calibration due date	17-12-2021	21-02-2022

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**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



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Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
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Karnataka 560 001.

Report No.	: RE/2021/00542
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 09/04/2021 to 10/04/2021
Job Order No	: RE/2021/00542
Date of Receipt	: 10/04/2021
Analysis Start date	: 12/04/2021
Analysis Completed date	: 16/04/2021

**Sample Particulars:** Ambient Air Monitoring for 24 hrs.

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Location:** Near Thandavapura village.

Sl. No.	Parameters	Results	Limits (As Per NAAQS) For 24hrs	Protocol
1	Particulate Matter PM <sub>10</sub> , µg/m <sup>3</sup>	60.7	100	IS-5182 (P-23)
2	Particulate Matter PM <sub>2.5</sub> , µg/m <sup>3</sup>	23.9	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO <sub>2</sub> , µg/m <sup>3</sup>	20.8	80	IS-5182 (P-06)
4	Sulphur dioxide as SO <sub>2</sub> , µg/m <sup>3</sup>	11.9	80	IS-5182 (P-02)

**INFERENCE:** The measured values for the above tested parameters are within as per the NAAQ Standards

#### Details of Equipment used for monitoring

Name of the equipment	Respirable Dust Sampler	Fine Particulate Sampler
Model	Envirotech APM-460	Envirotech APM-550 mini
Sl. No.	2815/DTB/2020	944/DTE/2020
Calibrated on date	18-12-2020	18-12-2020
Calibration due date	17-12-2021	17-12-2021

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**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





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Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00513
	Report date	: 16/04/2021
	Ref.	: Test Request Form
	Date of Sampling	: 08/04/2021 to 09/04/2021
	Job Order No	: RE/2021/00513
	Date of Receipt	: 10/04/2021
	Analysis Start date	: 16/04/2021
Analysis Completed date		: 16/04/2021
<b>Name of the Industrial Area:</b> Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A). <b>Sample Particulars:</b> Noise Monitoring for 24 hours.		

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00513	Near Immavu village	6:01 AM to 10:00 PM	40.5	68.3	52.6
		10:01 PM to 6:00 AM	37.1	52.6	44.2

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear

#### INFERENCE

As per CPCB Standards,

**Report Status:** - The measured values for the above locations are within the standards.

-----END OF THE REPORT-----

*[Signature]*  
16/4/21

Verified by

*[Signature]* 16/04/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.

**TEST REPORT**



**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00515
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 08/04/2021 to 09/04/2021
Job Order No	: RE/2021/00515
Date of Receipt	: 10/04/2021
Analysis Start date	: 16/04/2021
Analysis Completed date	: 16/04/2021

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Particulars:** Noise Monitoring for 24 hours.

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00515	Near KIADB water pump station- Project site	6:01 AM to 10:00 PM	47.5	74.3	59.4
		10:01 PM to 6:00 AM	38.2	62.1	48.7

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear

**INFERENCE**

**As per CPCB Standards,**

**Report Status:** - The measured values for the above locations are within the standards.

-----END OF THE REPORT-----

  
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16/04/21  
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**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**TEST REPORT**


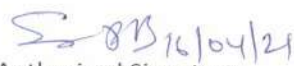


<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00517
	Report date	: 16/04/2021
	Ref.	: Test Request Form
	Date of Sampling	: 08/04/2021 to 09/04/2021
	Job Order No	: RE/2021/00517
	Date of Receipt	: 10/04/2021
	Analysis Start date	: 16/04/2021
		Analysis Completed date : 16/04/2021
<b>Name of the Industrial Area:</b> Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).		
<b>Sample Particulars:</b> Noise Monitoring for 24 hours.		

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00517	Near Adakanahalli village	6:01 AM to 10:00 PM	44.7	65.7	54.2
		10:01 PM to 6:00 AM	38.1	52.1	44.6

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear

<b>INFERENCE</b>	<b>As per CPCB Standards,</b> <b>Report Status:</b> - The measured values for the above locations are within the standards.
<p style="text-align: center;">-----END OF THE REPORT-----</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">             Verified by         </div> <div style="text-align: center;">             Authorized Signatory         </div> </div>	

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.

**TEST REPORT**



**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00519
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 08/04/2021 to 09/04/2021
Job Order No	: RE/2021/00519
Date of Receipt	: 10/04/2021
Analysis Start date	: 16/04/2021
Analysis Completed date	: 16/04/2021

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Particulars:** Noise Monitoring for 24 hours.

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00519	Near Kempisidanahundi Village	6:01 AM to 10:00 PM	42.4	68.3	53.8
		10:01 PM to 6:00 AM	35.6	53.4	43.6

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear

**INFERENCE**

**As per CPCB Standards,**

**Report Status:** - The measured values for the above locations are within the standards.

-----END OF THE REPORT-----

  
CG 12/21  
Verified by

  
16/04/21  
Authorized Signatory

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



**TEST REPORT**


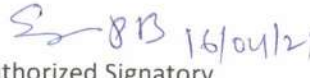


<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00537
	Report date	: 16/04/2021
	Ref.	: Test Request Form
	Date of Sampling	: 09/04/2021 to 10/04/2021
	Job Order No	: RE/2021/00537
	Date of Receipt	: 10/04/2021
	Analysis Start date	: 16/04/2021
Analysis Completed date		: 16/04/2021
<b>Name of the Industrial Area:</b> Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A). <b>Sample Particulars:</b> Noise Monitoring for 24 hours.		

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00537	Near Basavanapura Village	6:01 AM to 10:00 PM	43.9	64.6	53.3
		10:01 PM to 6:00 AM	36.9	50.5	43.1

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear

<b>INFERENCE</b>	<b>As per CPCB Standards,</b> <b>Report Status:</b> - The measured values for the above locations are within the standards.
<p style="text-align: center;">-----END OF THE REPORT-----</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">             16/4/21            Verified by         </div> <div style="text-align: center;">             16/04/21            Authorized Signatory         </div> </div>	

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## TEST REPORT



<b>M/s. Karnataka Industrial Areas Development Board (KIADB).</b> No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan, Race Course Road, Bengaluru, Karnataka 560 001.	Report No.	: RE/2021/00539
	Report date	: 16/04/2021
	Ref.	: Test Request Form
	Date of Sampling	: 09/04/2021 to 10/04/2021
	Job Order No	: RE/2021/00539
	Date of Receipt	: 10/04/2021
	Analysis Start date	: 16/04/2021
Analysis Completed date		: 16/04/2021
<b>Name of the Industrial Area:</b> Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A). <b>Sample Particulars:</b> Noise Monitoring for 24 hours.		

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00539	Near BTC Cold storage- Project site	6:01 AM to 10:00 PM	53.2	74.9	63.1
		10:01 PM to 6:00 AM	44.7	58.5	51.1

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear.

<b>INFERENCE</b>	<b>As per CPCB Standards,</b> <b>Report Status:</b> - The measured values for the above locations are within the standards.
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-----END OF THE REPORT-----

  
16/04/21  
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**TEST REPORT**



**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00541
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 09/04/2021 to 10/04/2021
Job Order No	: RE/2021/00541
Date of Receipt	: 10/04/2021
Analysis Start date	: 16/04/2021
Analysis Completed date	: 16/04/2021

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Particulars:** Noise Monitoring for 24 hours.

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00541	Near Hebbayya village	6:01 AM to 10:00 PM	39.5	68.4	52.0
		10:01 PM to 6:00 AM	33.2	53.4	42.1

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear.

**INFERENCE**

**As per CPCB Standards,**

**Report Status:** - The measured values for the above locations are within the standards.

-----END OF THE REPORT-----

  
16/4/21  
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**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00543
Report date	: 16/04/2021
Ref.	: Test Request Form
Date of Sampling	: 09/04/2021 to 10/04/2021
Job Order No	: RE/2021/00543
Date of Receipt	: 10/04/2021
Analysis Start date	: 16/04/2021
Analysis Completed date	: 16/04/2021

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

**Sample Particulars:** Noise Monitoring for 24 hours.

J.O.No.	Location	Time Frequency	L min dB(A)	L max dB(A)	L eq dB(A)
RE/2021/00543	Near Thandavapura Village	6:01 AM to 10:00 PM	43.6	67.8	54.4
		10:01 PM to 6:00 AM	36.6	53.0	44.1

**Note:** Noise Level Stipulated by KSPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

- Day Time is reckoned between 6 A.M and 10 P.M.
- Night Time is reckoned between 10 P.M and 6 A.M.
- Leq: It is energy mean of the noise level over a specified period.
- \*-dB (A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- A "decibel" is a unit in which noise is measured.
- "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to Frequency response characteristics of the human ear.

**INFERENCE**

**As per CPCB Standards,**

**Report Status:** - The measured values for the above locations are within the standards.

-----END OF THE REPORT-----

  
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### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No. : RE/2021/00520

Report date : 19/04/2021

Reference : Test Request Form

Sample receipt date : 10/04/2021

Job Order No : RE/2021/00520

Date of Sampling : 09/04/2021

Analysis start date : 10/04/2021

Analysis completion date : 19/04/2021

Sample Qty: 2 Ltrs

Sampling Protocol : E/WP/65

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water – Near Immavu village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
<b>Description:</b> Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part – 5): 1983 Reaff.2018
3	pH Value	7.95	6.5 – 8.5	No relaxation	IS 3025 (Part – 11): 1983 Reaff.2017
4	Turbidity, NTU	0.2	1	5	IS 3025 (Part – 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	24.1	250	1000	IS 3025 (Part – 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	86.6	200	600	IS 3025 (Part – 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	21.5	75	200	IS 3025 (Part – 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	8.0	30	100	IS 3025 (Part – 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	115.0	500	2000	IS 3025 (Part – 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	40.2	200	400	IS 3025 (Part – 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	5.2	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.3	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part – 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part – 49): 1994 Reaff 2019

*Lakshmi*  
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**TEST REPORT**

**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00520
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00520
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Immavu village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	4.2	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb: 0.01, Zn: 0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F: 0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*Lakshmi S*  
19/04/21  
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*S. S. S. S. S.*  
19/04/21  
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### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00521
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00521
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Adakanahalli village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
Description: Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part – 5): 1983 Reaff.2018
3	pH Value	7.56	6.5 – 8.5	No relaxation	IS 3025 (Part – 11): 1983 Reaff.2017
4	Turbidity, NTU	0.2	1	5	IS 3025 (Part – 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	33.74	250	1000	IS 3025 (Part – 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	272.16	200	600	IS 3025 (Part – 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	52.82	75	200	IS 3025 (Part – 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	34.03	30	100	IS 3025 (Part – 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	389.0	500	2000	IS 3025 (Part – 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	42.8	200	400	IS 3025 (Part – 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	5.4	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.3	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part – 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part – 49): 1994 Reaff 2019

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Lakshmi Bai S  
19/04/21

Authorized by  
S. B. 19/04/21

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### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00521
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00521
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Adakanahalli village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	3.2	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb: 0.01, Zn: 0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>: 5.0, F: 0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*Lakshmi Sai S*  
19/04/21  
Verified by

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Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No. : RE/2021/00522

Report date : 19/04/2021

Reference : Test Request Form

Sample receipt date : 10/04/2021

Job Order No : RE/2021/00522

Date of Sampling : 09/04/2021

Analysis start date : 10/04/2021

Analysis completion date : 19/04/2021

Sample Qty: 2 Ltrs

Sampling Protocol : E/WP/65

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water- Near Kochanahalli village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
<b>Description:</b> Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part - 5): 1983 Reaff.2018
3	pH Value	8.01	6.5 - 8.5	No relaxation	IS 3025 (Part - 11): 1983 Reaff.2017
4	Turbidity, NTU	0.2	1	5	IS 3025 (Part - 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	24.10	250	1000	IS 3025 (Part - 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	292.78	200	600	IS 3025 (Part - 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	70.97	75	200	IS 3025 (Part - 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	28.03	30	100	IS 3025 (Part - 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	350.0	500	2000	IS 3025 (Part - 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	44.6	200	400	IS 3025 (Part - 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	5.6	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.3	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part - 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part - 49): 1994 Reaff 2019

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### TEST REPORT

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No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
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Karnataka 560 001.

Report No.	: RE/2021/00522
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00522
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Kochanahalli village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	3.4	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb: 0.01, Zn: 0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F: 0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

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Report No.	: RE/2021/00523
Report date	: 19/04/2021
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Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Hebbaya village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
Description: Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part - 5): 1983 Reaff.2018
3	pH Value	7.99	6.5 - 8.5	No relaxation	IS 3025 (Part - 11): 1983 Reaff.2017
4	Turbidity, NTU	0.2	1	5	IS 3025 (Part - 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	28.92	250	1000	IS 3025 (Part - 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	230.92	200	600	IS 3025 (Part - 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	66.03	75	200	IS 3025 (Part - 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	16.08	30	100	IS 3025 (Part - 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	336.0	500	2000	IS 3025 (Part - 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	46.8	200	400	IS 3025 (Part - 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	4.8	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.3	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part - 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part - 49): 1994 Reaff 2019

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Report date	: 19/04/2021
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Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Hebbaya village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	3.1	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb: 0.01, Zn: 0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>: 5.0, F: 0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*[Signature]*  
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Report No.	: RE/2021/00524
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00524
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Kempisidanahundi village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
Description: Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part - 5): 1983 Reaff.2018
3	pH Value	8.24	6.5 - 8.5	No relaxation	IS 3025 (Part - 11): 1983 Reaff.2017
4	Turbidity, NTU	0.3	1	5	IS 3025 (Part - 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	101.24	250	1000	IS 3025 (Part - 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	375.25	200	600	IS 3025 (Part - 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	74.28	75	200	IS 3025 (Part - 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	46.05	30	100	IS 3025 (Part - 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	633.0	500	2000	IS 3025 (Part - 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	46.2	200	400	IS 3025 (Part - 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	5.6	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.3	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part - 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part - 49): 1994 Reaff 2019

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**TEST REPORT**

**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
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Report No.	: RE/2021/00524
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00524
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

**Sample Qty: 2 Ltrs**

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

**Sample Particulars:** One sample of Borewell Water - Near Kempisidanahundi village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	4.1	-	-	APHA 23 <sup>rd</sup> Edition

**Note:** BDL for Cr: 0.05, Fe: 0.05, Pb: 0.01, Zn: 0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F: 0.1.

**Remarks:** The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

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### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
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Karnataka 560 001.

Report No.	: RE/2021/00525
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00525
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Basavanapura Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
Description: Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part - 5): 1983 Reaff.2018
3	pH Value	7.75	6.5 - 8.5	No relaxation	IS 3025 (Part - 11): 1983 Reaff.2017
4	Turbidity, NTU	0.2	1	5	IS 3025 (Part - 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	53.03	250	1000	IS 3025 (Part - 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	379.38	200	600	IS 3025 (Part - 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	74.28	75	200	IS 3025 (Part - 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	47.05	30	100	IS 3025 (Part - 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	505.0	500	2000	IS 3025 (Part - 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	40.2	200	400	IS 3025 (Part - 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	5.6	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.3	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part - 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part - 49): 1994 Reaff 2019

*Lawshya Sai S*  
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*S 813 19/04/21*  
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Reference	: Test Request Form
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Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Basavanapura Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	3.2	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb: 0.01, Zn: 0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F: 0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

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## TEST REPORT



### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00526
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00526
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Thandavapura Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
Description: Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part - 5): 1983 Reaff.2018
3	pH Value	8.24	6.5 - 8.5	No relaxation	IS 3025 (Part - 11): 1983 Reaff.2017
4	Turbidity, NTU	9.0	1	5	IS 3025 (Part - 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	43.39	250	1000	IS 3025 (Part - 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	329.89	200	600	IS 3025 (Part - 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	61.08	75	200	IS 3025 (Part - 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	43.04	30	100	IS 3025 (Part - 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	532.0	500	2000	IS 3025 (Part - 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	42.4	200	400	IS 3025 (Part - 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	4.9	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.3	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part - 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part - 49): 1994 Reaff 2019

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### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00526
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00526
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Thandavapura Village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	4.2	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb: 0.01, Zn: 0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F: 0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*Jack Shree*  
19/4/21  
Verified by

*So-8D* 19/04/21  
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Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





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### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00527
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00527
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Hechagalli village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
Description: Colorless liquid.					
1	Color (hazen units)	<2.0	5	15	IS 3025 (Part- 4): 1983 Reaff.2017
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part - 5): 1983 Reaff.2018
3	pH Value	7.44	6.5 - 8.5	No relaxation	IS 3025 (Part - 11): 1983 Reaff.2017
4	Turbidity, NTU	0.2	1	5	IS 3025 (Part - 10): 1984 Reaff.2017
5	Chloride as Cl, mg/L	62.67	250	1000	IS 3025 (Part - 32): 1988 Reaff.2019
6	Total hardness as CaCO <sub>3</sub> , mg/L	346.39	200	600	IS 3025 (Part - 21): 2009 Reaff.2019
7	Calcium as Ca, mg/L	94.10	75	200	IS 3025 (Part - 40): 1991 Reaff.2019
8	Magnesium as Mg, mg/L	27.03	30	100	IS 3025 (Part - 46): 1994 Reaff.2019
9	Total dissolved Solids, mg/L	448.0	500	2000	IS 3025 (Part - 16): 1984 Reaff.2017
10	Sulphate as SO <sub>4</sub> , mg/L	41.2	200	400	IS 3025 (Part - 24): 1986 Reaff.2019
11	Nitrate as NO <sub>3</sub> , mg/L	5.2	45.0	No relaxation	APHA 23 <sup>rd</sup> Edition
12	Fluoride as F, mg/L	0.2	1.0	1.5	APHA 23 <sup>rd</sup> Edition
13	Iron as Fe, mg/L	BDL	0.3	No relaxation	APHA 23 <sup>rd</sup> Edition
14	Lead as Pb, mg/L	BDL	0.01	No relaxation	IS 3025 (Part - 47): 1994 Reaff 2019
15	Copper as Cu, mg/L	BDL	0.05	1.5	APHA 23 <sup>rd</sup> Edition
16	Zinc as Zn, mg/L	BDL	5	15	IS 3025 (Part - 49): 1994 Reaff 2019

*Lakshmi Bai S*  
19/4/21  
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*S. S. S. S.* 19/04/21  
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### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00527
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00527
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/65

Sample Qty: 2 Ltrs

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One sample of Borewell Water - Near Hechagalli village.

Sl. No.	Tests	Results	Maximum Desirable Limit IS 10500: 2012	Maximum Permissible Limit IS 10500: 2012	Protocol
17	Chromium as Cr, mg/L	BDL	0.05	No relaxation	APHA 23 <sup>rd</sup> Edition
18	Dissolved oxygen, mg/L	3.1	-	-	APHA 23 <sup>rd</sup> Edition

Note: BDL for Cr: 0.05, Fe: 0.05, Pb: 0.01, Zn: 0.05, SO<sub>4</sub>: 5.0, NO<sub>3</sub>:5.0, F: 0.1.

Remarks: The given water sample complies to IS: 10500-2012 specification for above tested parameters.

-----END OF THE REPORT-----

*Santhosh Pairs*  
19/4/21  
Verified by

*S. R. B.* 19/04/21  
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## TEST REPORT



No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00528
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00528
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

**Name of the Industrial Area:** Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

**Sample Particulars: One Soil Sample- Near Adakanahalli Village.**

Sl. No.	Test	Result	Protocol
<b>Description:</b> Brown Colored Soil.			
1	pH (20% Suspension)	8.23	Practical Manual for Hands on training GKVK Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	179.0	Practical Manual for Hands on training GKVK Bengaluru
3	Chloride as Cl, mg/Kg	120.84	Practical Manual for Hands on training GKVK Bengaluru
4	Moisture, %	42.77	Practical Manual for Hands on training GKVK Bengaluru
5	Organic Matter, %	1.96	Practical Manual for Hands on training GKVK Bengaluru
6	Calcium as Ca, mg/Kg	659.36	Practical Manual for Hands on training GKVK Bengaluru
7	Magnesium Mg, mg/Kg	34.8	Practical Manual for Hands on training GKVK Bengaluru

*Lakshmi Pais*  
19/11/21  
Verified by

*S. S. S. S. S.*  
19/04/21  
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### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00528
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00528
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22 A).

Sample Particulars: One Soil Sample- Near Adakanahalli Village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKVK Bengaluru
9	Sulphur as S, mg/Kg	6.29	Practical Manual for Hands on training GKVK Bengaluru
10	Nitrogen as N, %	0.005	Practical Manual for Hands on training GKVK Bengaluru
11	Phosphorous as P,mg/Kg	6.60	Practical Manual for Hands on training GKVK Bengaluru
12	Potassium as K, mg/Kg	96.05	Practical Manual for Hands on training GKVK Bengaluru
13	Copper as Cu, mg/Kg	15.35	Practical Manual for Hands on training GKVK Bengaluru
14	Chromium as Cr, mg/Kg	11.91	Practical Manual for Hands on training GKVK Bengaluru
15	Zinc as Zn, mg/Kg	16.25	Practical Manual for Hands on training GKVK Bengaluru
16	Lead as Pb, mg/Kg	9.20	Practical Manual for Hands on training GKVK Bengaluru
17	Nickel as Ni, mg/Kg	26.06	Practical Manual for Hands on training GKVK Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKVK Bengaluru

-----END OF THE REPORT-----

*Lakshmi Bai*  
19/4/21  
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*S. B. S.*, 19/04/21  
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### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

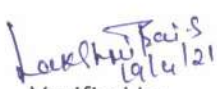
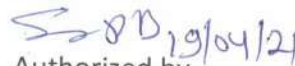
No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00529
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00529
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538,22A).

Sample Particulars: One Soil Sample- Near Immavu village.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	8.63	Practical Manual for Hands on training GKV Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	99.0	Practical Manual for Hands on training GKV Bengaluru
3	Chloride as Cl, mg/Kg	70.51	Practical Manual for Hands on training GKV Bengaluru
4	Moisture, %	46.51	Practical Manual for Hands on training GKV Bengaluru
5	Organic Matter, %	2.05	Practical Manual for Hands on training GKV Bengaluru
6	Calcium as Ca, mg/Kg	348.58	Practical Manual for Hands on training GKV Bengaluru
7	Magnesium Mg, mg/Kg	104.4	Practical Manual for Hands on training GKV Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">               Verified by           </div> <div style="text-align: center;">               Authorized by           </div> </div>			
Page 1 of 2			

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### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
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Report No.	: RE/2021/00529
Report date	: 19/04/2021
Reference	: Test Request Form
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Job Order No	: RE/2021/00529
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Immavu village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	2.64	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.010	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P,mg/Kg	6.46	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	30.11	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	17.0	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	14.06	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	22.14	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	8.97	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	20.66	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*Lakshmi Pais*  
19/04/21  
Verified by

*S. S. S.*  
19/04/21  
Authorized by

**Note:**1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





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### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00530
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00530
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Hebbaya village.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	8.47	Practical Manual for Hands on training GKV Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	52.0	Practical Manual for Hands on training GKV Bengaluru
3	Chloride as Cl, mg/Kg	48.13	Practical Manual for Hands on training GKV Bengaluru
4	Moisture, %	21.47	Practical Manual for Hands on training GKV Bengaluru
5	Organic Matter, %	0.20	Practical Manual for Hands on training GKV Bengaluru
6	Calcium as Ca, mg/Kg	233.68	Practical Manual for Hands on training GKV Bengaluru
7	Magnesium Mg, mg/Kg	46.8	Practical Manual for Hands on training GKV Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <p><i>Lakshmi Pairs</i> 19/4/21 Verified by</p> </div> <div style="text-align: center;"> <p><i>S. S. S. S.</i> 19/04/21 Authorized by</p> </div> </div>			
Page 1 of 2			

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



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Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00530
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00530
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Hebbaya village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	6.47	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.008	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	5.28	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	13.01	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	20.05	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	18.00	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	19.59	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	12.72	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	16.58	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

Laxesh Rai  
19/4/21  
Verified by

S. B. Diglojy  
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**TEST REPORT**



**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00531
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00531
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Kempisidanahundi village.

Sl. No.	Test	Result	Protocol
<b>Description:</b> Brown Colored Soil.			
1	pH (20% Suspension)	8.24	Practical Manual for Hands on training GKV Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	210.0	Practical Manual for Hands on training GKV Bengaluru
3	Chloride as Cl, mg/Kg	230.23	Practical Manual for Hands on training GKV Bengaluru
4	Moisture, %	13.96	Practical Manual for Hands on training GKV Bengaluru
5	Organic Matter, %	0.96	Practical Manual for Hands on training GKV Bengaluru
6	Calcium as Ca, mg/Kg	390.43	Practical Manual for Hands on training GKV Bengaluru
7	Magnesium Mg, mg/Kg	37.2	Practical Manual for Hands on training GKV Bengaluru

*Lakshmi K. S.*  
19/4/21  
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*S. S. S.*  
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Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No. : RE/2021/00531

Report date : 19/04/2021

Reference : Test Request Form

Sample receipt date : 10/04/2021

Job Order No : RE/2021/00531

Date of Sampling : 09/04/2021

Analysis start date : 10/04/2021

Analysis completion date : 19/04/2021

Sampling Protocol : E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Kempisidanahundi village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	13.96	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.008	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	5.06	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	31.29	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	24.05	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	12.35	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	19.64	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	5.77	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	20.39	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*Lakshmi Bai*  
19/4/21  
Verified by

*S. S. S. S.* 19/04/21  
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Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

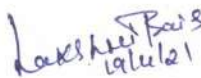

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00532
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00532
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Hechagalli village.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	7.22	Practical Manual for Hands on training GKV Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	68.0	Practical Manual for Hands on training GKV Bengaluru
3	Chloride as Cl, mg/Kg	48.26	Practical Manual for Hands on training GKV Bengaluru
4	Moisture, %	26.43	Practical Manual for Hands on training GKV Bengaluru
5	Organic Matter, %	1.03	Practical Manual for Hands on training GKV Bengaluru
6	Calcium as Ca, mg/Kg	470.51	Practical Manual for Hands on training GKV Bengaluru
7	Magnesium Mg, mg/Kg	49.2	Practical Manual for Hands on training GKV Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">             Verified by         </div> <div style="text-align: center;">             Authorized by         </div> </div>			
Page 1 of 2			

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**TEST REPORT**

**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00532
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00532
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Hechagalli village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	1.42	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.007	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	5.64	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	74.19	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	17.36	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	5.90	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	18.41	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	4.25	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	15.69	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

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19/04/21

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19/04/21



## TEST REPORT



### M/s. Karnataka Industrial Areas Development Board (KIADB).

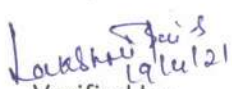
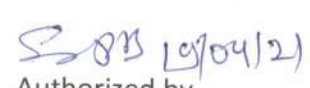
No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00533
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00533
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Thandavapura Village.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	6.92	Practical Manual for Hands on training GKVK Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	34.0	Practical Manual for Hands on training GKVK Bengaluru
3	Chloride as Cl, mg/Kg	70.43	Practical Manual for Hands on training GKVK Bengaluru
4	Moisture, %	14.66	Practical Manual for Hands on training GKVK Bengaluru
5	Organic Matter, %	0.32	Practical Manual for Hands on training GKVK Bengaluru
6	Calcium as Ca, mg/Kg	393.03	Practical Manual for Hands on training GKVK Bengaluru
7	Magnesium Mg, mg/Kg	82.08	Practical Manual for Hands on training GKVK Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">               Verified by           </div> <div style="text-align: center;">               Authorized by           </div> </div>			
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Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT

#### M/s. Karnataka Industrial Areas Development Board (KIADB).

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No. : RE/2021/00533

Report date : 19/04/2021

Reference : Test Request Form

Sample receipt date : 10/04/2021

Job Order No : RE/2021/00533

Date of Sampling : 09/04/2021

Analysis start date : 10/04/2021

Analysis completion date : 19/04/2021

Sampling Protocol : E/WP/77

Sample Qty : 1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Thandavapura Village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	9.65	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.006	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	5.14	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	14.91	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	14.21	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	10.42	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	22.88	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	7.72	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	18.24	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*Santhosh K*  
19/04/21  
Verified by

*S. S. S.*  
19/04/21  
Authorized by

**Note:** 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.





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Email : info@robustmaterials.com Website : www.robustmaterials.com

### TEST REPORT



#### M/s. Karnataka Industrial Areas Development Board (KIADB).

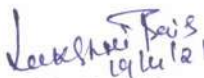
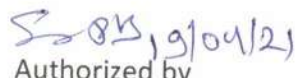
No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00534
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00534
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Basavanapura Village.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	8.04	Practical Manual for Hands on training GKV Bengaluru
2	Conductivity, $\mu\text{mhos/cm}$	37.0	Practical Manual for Hands on training GKV Bengaluru
3	Chloride as Cl, mg/Kg	71.93	Practical Manual for Hands on training GKV Bengaluru
4	Moisture, %	14.86	Practical Manual for Hands on training GKV Bengaluru
5	Organic Matter, %	0.36	Practical Manual for Hands on training GKV Bengaluru
6	Calcium as Ca, mg/Kg	271.12	Practical Manual for Hands on training GKV Bengaluru
7	Magnesium Mg, mg/Kg	69.6	Practical Manual for Hands on training GKV Bengaluru
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">   Verified by </div> <div style="text-align: center;">   Authorized by </div> </div>			
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**TEST REPORT**

**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00534
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00534
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Basavanapura Village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	11.76	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.006	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P,mg/Kg	3.97	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	26.16	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	23.86	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	12.56	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	34.84	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	9.47	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	26.38	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*Laxshmi Pairs*  
19/4/21  
Verified by

*S. B. S. B. S.*  
19/4/21  
Authorized by

**TEST REPORT**



**M/s. Karnataka Industrial Areas Development Board (KIADB).**

No. 49, 4th & 5th Floor, East Wing, Khanija Bhavan,  
Race Course Road, Bengaluru,  
Karnataka 560 001.

Report No.	: RE/2021/00535
Report date	: 19/04/2021
Reference	: Test Request Form
Sample receipt date	: 10/04/2021
Job Order No	: RE/2021/00535
Date of Sampling	: 09/04/2021
Analysis start date	: 10/04/2021
Analysis completion date	: 19/04/2021
Sampling Protocol	: E/WP/77

Sample Qty :1kg

Name of the Industrial Area: Adakanahalli (Thandya) Industrial Area, Nanjangud Taluk, Mysore District, Karnataka. (Ext-538.22A).

Sample Particulars: One Soil Sample- Near Kochanahalli village.

Sl. No.	Test	Result	Protocol
Description: Brown Colored Soil.			
1	pH (20% Suspension)	6.82	Practical Manual for Hands on training GKV Bengaluru
2	Conductivity, $\mu$ hos/cm	56.0	Practical Manual for Hands on training GKV Bengaluru
3	Chloride as Cl, mg/Kg	94.08	Practical Manual for Hands on training GKV Bengaluru
4	Moisture, %	30.93	Practical Manual for Hands on training GKV Bengaluru
5	Organic Matter, %	0.85	Practical Manual for Hands on training GKV Bengaluru
6	Calcium as Ca, mg/Kg	293.51	Practical Manual for Hands on training GKV Bengaluru
7	Magnesium Mg, mg/Kg	76.8	Practical Manual for Hands on training GKV Bengaluru

Lakshmi Pairs  
19/4/21  
Verified by

Son 19/04/21  
Authorized by



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Sample Particulars: One Soil Sample- Near Kochanahalli village.

Sl. No.	Test	Result	Protocol
8	Colour	Brown	Practical Manual for Hands on training GKV Bengaluru
9	Sulphur as S, mg/Kg	2.13	Practical Manual for Hands on training GKV Bengaluru
10	Nitrogen as N, %	0.01	Practical Manual for Hands on training GKV Bengaluru
11	Phosphorous as P, mg/Kg	4.38	Practical Manual for Hands on training GKV Bengaluru
12	Potassium as K, mg/Kg	123.39	Practical Manual for Hands on training GKV Bengaluru
13	Copper as Cu, mg/Kg	19.96	Practical Manual for Hands on training GKV Bengaluru
14	Chromium as Cr, mg/Kg	8.14	Practical Manual for Hands on training GKV Bengaluru
15	Zinc as Zn, mg/Kg	29.99	Practical Manual for Hands on training GKV Bengaluru
16	Lead as Pb, mg/Kg	6.73	Practical Manual for Hands on training GKV Bengaluru
17	Nickel as Ni, mg/Kg	36.58	Practical Manual for Hands on training GKV Bengaluru
18	Cadmium as Cd, mg/Kg	<0.1	Practical Manual for Hands on training GKV Bengaluru

-----END OF THE REPORT-----

*Lovesha Sai-S*  
19/04/21  
Verified by

*S-8D* 19/04/21  
Authorized by



PROCEEDINGS OF THE PUBLIC HEARING MEETING HELD ON 10.09.2015 AT 11.30 AM REGARDING THE PROPOSED DEVELOPMENT OF ADAKANAHALLI INDUSTRIAL AREA IN AN AREA OF 222.75 HECTARES (550 ACRES) AT ADAKANAHALLY VILLAGE, NANJANGUD TALUK, MYSORE DISTRICT BY M/S KARNATAKA INDUSTRIAL AREAS DEVELOPMENT BOARD, BANGALORE.

VENUE OF THE ENVIRONMENTAL PUBLIC HEARING MEETING		Karnataka Industrial Areas Development Board, Proposed Adakanahalli Industrial Area of Adakanahally Village, Nanjangud Taluk, Mysore District.
DETAILS OF THE ENVIRONMENTAL PUBLIC HEARING COMMITTEE		DESIGNATION
1	Smt. K M Gayathri, Additional Deputy Commissioner, Mysore District, Mysore (Representative of Deputy Commissioner)	Chairman
2	Sri M Lakshman, Senior Environmental Officer, Karnataka State Pollution Control Board, Mysore.	Coordinating Member
Other Officers present in the Environmental Public Hearing Meeting		
1	Smt. K L Savitha, Environmental Officer, KSPCB, RO-2, Mysore (Rural), Mysore.	
2	Smt. Y S Radha, Deputy Environmental Officer, KSPCB, RO-2, Mysore (Rural), Mysore.	
3	Smt. B K Aswini, Asst.Environmental Officer, KSPCB, RO-2, Mysore (Rural), Mysore.	
4	Smt. M. J. Jayalakshmi, Asst.Environmental Officer, KSPCB, RO-2, Mysore (Rural), Mysore.	
Officers present on behalf of the Industry		
1	Sri D. Biligiri Rangaswamy, Development Officer and Executive Engineer, KIADB, Mysore.	
2	Sri M. R. Rajesh, Special Land Acquisition Officer, KIADB, Mysore.	
3	Sri Ananthaprasad, Asst.Engineer, KIADB, Mysore.	
4	Project Adviser, M/s Ramki Enviro Engineers Ltd., Bangalore.	
	The details of the general public who were present in the Environmental Public Hearing Meeting is enclosed in <b>Annexure-1</b> .	

**PREAMBLE :** M/s. Karnataka Industrial Areas Development Board, Bengaluru, have proposed to develop "Adakanahalli Industrial Area" in an area of 222.75 Hectares (550 Acres) at Adakanahalli Village, Nanjangud Taluk, Mysuru District. The project proponent has to obtain Environmental Clearance from State Level Environment Impact Assessment Authority, Karnataka, as per the EIA Notification dated 14.9.2006 (as amended on 1.12.2009), and is required to go through Environmental Public Hearing. State Level Expert Appraisal Committee (SEAC), Karnataka, issued Terms of

Reference letter No.KSEAC/MEETING/2013 on 13.06.2013. As per the terms of reference Karnataka Industrial Areas Development Board submitted Rapid Environment Impact Assessment Report and Executive Summary prepared by M/s. Ramki Enviro Engineers Ltd., Bangalore in both Kannada and English languages, to the Karnataka State Pollution Control Board and requested to conduct the Environmental Public Hearing Meeting.

Karnataka State Pollution Control Board, Bangalore addressed letter to the Deputy Commissioner, Mysore and requested to give suitable date and time for conducting the Environmental Public Hearing Meeting. Accordingly, the Deputy Commissioner gave consent to conduct the meeting on 10.09.2015 at 11.30 AM.

The Karnataka State Pollution Control Board published environmental public hearing meeting notice in state level news paper such as Prajavani (Kannada) and The Hindu (English) on 10.08.2015 and also published in the district level Kannada daily news paper Andolana on 10.08.2015 and informed the public to submit if there is any objections, suggestions / opinions with regard to the proposed project within 30 days.

In continuation to the above, the Environmental Impact Assessment Report in English and copies of the executive summary in Kannada and English were kept in the following places for the perusal of the public.

- Office of the Deputy Commissioner, Mysore District, Mysore.
- Office of the Chief Executive Officer, Zilla Panchayath, Mysore District, Mysore.
- District Industries Centre, Mysore.
- Office of the Town Municipal Council, Nanjangud, Mysore Dist.
- Office of the Village Panchayath, Adakanahally Village, Nanjangud Taluk, Mysore District.
- Regional Office-2, Karnataka State Pollution Control Board, Mysore (Rural), Mysore.
- Ministry of Forest and Environment, South Zone, Koramangala, Bangalore.
- Help Desk, Karnataka State Pollution Control Board, Parisara Bhavana, Church Street, Bangalore.



In addition wide publicity was given through public address system and by distributing handbills in the surrounding villages of proposed project area on 09-09-2015.

Smt. K. L. Savitha, Environmental Officer, Regional Office-2, Mysore (Rural) informed that the Environmental Public Hearing Meeting is being conducted accordingly on 10.09.2015 and also informed that the conditions mentioned in the Environmental Impact Assessment Notification 2006, Amendment 2009 has been following with regard to the said project and further she informed the public that if there is any opinion/objections/instructions/suggestions pertaining to the proposed project with regard to the environment, the same may be put forth in the meeting. Also, Smt. K L Savitha, Environmental Officer informed the Officers of Karnataka Industrial Areas Development Board to explain the details with regard to the said project.

On behalf of the M/s Karnataka Industrial Areas Development Board Dr. Hemanth Rajkumar, Bangalore explained with respect to Rapid Environmental Impact Assessment Report taken up with regard to the proposed development of Industrial Area by M/s. Ramki Enviro Engineers Ltd., Bangalore which is comprising of Local Map, Study area Map, silent features of the site, land use details, infrastructure demands, rain water management and road development, environmental aspects viz., land, water, sound, environment, economic and financial status, environment management plan, environment protection works, income and expenditure and total environment management plan through power point presentation to the meeting. The major subjects put forth in the presentation are as follows:

1. They informed that in the proposed industrial area, an area of 54 acres for park and vacant space, 5.64 acres for the solid waste disposal, 2 acres for storm water drain construction and 17.79 acres for public amenities have been reserved.



2. An area of 5.6 acres of land has been reserved for disposal of solid waste.
3. In the environmental management plan they proposed to provide solar energy, solid waste management, common effluent treatment plant etc., and also informed that around Rs.1196 Lakh has been allocated in the budget in this regard.
4. A Budget of Rs.110.00 Lakh has been allocated under Corporate Social Responsibility, from which, health camps, skill training, drinking water facility, sports and other social activities will be taken up in the surrounding villages.

After the presentation, Chairman requested the public gathered at the site to express their views / opinions / objections, if any and informed to restrict their view to environmental issues only. Accordingly, the public expressed their views/ opinions / objections as below:-

1. **Sri Revanna, Ex-Member, Village Panchayath, Adakanahally :** He informed that the area acquired for Adakanahally Industrial Area is adjoining the village also and as already houses are constructed and residing in the acquired lands since 15-20 years and hence he requested that these lands should be left from the acquisition. He also informed that in this regard appeal has been already submitted to the Hon'ble Minister for Industries, Deputy Commissioner, Development Officers and S.L.A.O of KIADB and this should be considered and requested to provide the benefit of new price fixation.

There is a population of about 1500 in Adakanahally village and there is drinking water problem. Also there is lack of other infrastructure facilities i.e., electricity, park, school, market etc., and these infrastructures are to be provided. Apart from this, he requested that as the Government lands of the village are acquired and as there is no other place, for the disposal of wastes, about 1 or 2 acres of land is to be provided.



2. **Sri Mahadeva, Village Panchayath Member, Thandavapura** : He informed that there are unemployed persons in the village and hence, employment is to be provided in the industries which are established in this Industrial Zone. Also, he requested that, as there is some discrepancy in the distribution of land acquisition compensation, this should be pursued and suitable compensation is to be given. He informed that as there is lack of infrastructure facilities i.e., drinking water, power supply, burial ground etc., in the village, these facilities are to be provided through KIADB. He also informed that suitable action should be taken so that there will not be any pollution to the environment from the industries which are coming up in the proposed Adakanahally area.
3. **Sri Nanjundaswamy, Ryot Leader** : He questioned that whether any criteria on how much distance should be there from one village to the factory. He informed that he has already conducted agitation regarding the fatal accident occurred due to the explosion of boiler in a Chemical Factory situated in Nanjangud Industrial Area. He informed that air pollution is being caused from the M/s. Khayati Steel Ltd., situated in Thandya Industrial Area and demanded action from KSPCB.

The Environmental Officer informed that, this will be verified and suitable action will be taken. He questioned that from how many years the production is being done after the inauguration of Thandy Industrial Area. From the industries situated around Himmavu and Kempisiddanahundi villages, the villages got polluted and this should be verified. Also, informed that it is better, board announces regarding what type of industry coming up in this industrial area and same shall be displayed which will be helpful for the farmers to answer. But, the meeting is conducted only for namesake. Due to the recent pollutions, the small children are getting the dreaded diseases i.e., blood pressure, diabetes etc., and departments have to think regarding this and added that, it is of no use of taking any action after the environment get polluted. He informed there is no objection if the agricultural



based industries such as silk, cotton, food processing units etc., coming up in this area and also the IT, BT industries should be established in the backward District like Chamarajanagar. Already the underground water is contaminated from Gemini Factory and drinking water is being supplied to the neighbouring villages. He informed that all the factories of Nanjangud are letting out the waste water into Kapila River and the South India Paper Mills are letting out the waste water and the waste paper is still there in the surroundings of our village and questioned that as to what the Environment Department is doing in this regard.

Additional Deputy Commissioner informed to submit a separate appeal regarding these problems and informed to submit if there is any grievance pertaining to the proposed industrial area.

He informed that the waste water from about 10,000 to 20,000 acres is getting its way to Yenne Hole Canal and if the Check Dam is constructed to this Canal, it will facilitate to improve the underground water and requested to take suitable action in this regard. He also informed that the waste water of Mysore is also flowing into the Yenne Hole and hence the Environment Department should inspect and take suitable action in this regard. He also informed that the waste materials of the industries are being dumped in the agriculture / cattle graze fields.

Additional Deputy Commissioner informed that already 5.6 acres of land has been kept reserved for the disposal of waste.

4. **Smt. Sheela, Adakanahally** : She informed to provide the infrastructure facilities to the village i.e., drainage, school, hospital and drinking water and also requested to provide employment opportunity to the unemployed and women who lost their lands.



For this, S.L.A.O of KIADB informed that he will conduct spot inspection after the meeting and will give the report regarding the actual position.

7. **Sri Lokesh, Thandavapura Village :** He informed that the land in Sy. No.110/1 which belongs to Chatra Hobli has been acquired for industrial purpose, but the compensation has not been paid yet. He informed that he is submitting applications in this regard from the year 2004, but the concerned Officers have not taken any action so far and hence requested to verify the matter, take suitable action and issue the compensation.
8. **Sri Revanna, Thandavapura Village :** He informed that he has 32 Guntas of land in Sy. No.45 and doing saguvali from the year 1994-95 in this field. This land has been acquired for Industrial purpose, but so far no compensation is given. He questioned that even though this has been brought to the notice of the concerned Department several times and also as there is Government Order and demanded, why the concerned Officers have not taken any action so far in this regard. He said that he has no other source than his field and hence requested to verify the matter and take action to provide the compensation.

The Addl.Deputy Commissioner informed that the matter will be pursued and action will be taken.

9. **Sri Siddu, Adakanahally Village :** He informed that the lands in Sy. No.83/1 and 84/2 are acquired 3 years back but compensation is not paid yet and also informed that the compensation for about 50 - 60 acres of land is not given yet and requested to take suitable action in this regard.
10. **Sri Venkatesh, Adakanahally Village:** He informed that the earlier SLAO of KIADB promised to give the compensation after the Durasthi of Sy. No.131 and allotment of new number. Already Durasthi Sketch has been made, but so far no action has been taken and the Tahasildar has not given the new number.

Additional Deputy Commissioner informed that Durasthi of this Survey Number has been made, the new SLAO has formed a team and this will be monitored separately and will take suitable action in this regard. It is also informed that they can contact the SLAO of KIADB directly in this regard.

Further, he informed that in Survey No.131, there is an area of about 68 Acres 28 Guntas and in this area small farmers are carrying out the agricultural activities and this has been entered in the possession, but not appearing in the RTC and they have not given this lands to anybody. He said that even though this has been brought before all the committees, the work is not getting done. He requested that farmers are facing injustice and the new land acquisition compensation amount be given to their fields also. As the houses are situated at the end of the road constructed by KIADB and as there is non availability of the lands, spot inspection to be conducted and the area of the residences is to be dropped from the land acquisition.

He informed that M/s. Reid and Taylor India Ltd., and M/s. ITC Ltd., factories are parking the vehicles and the waste loaded vehicles on the sides of the road due to which air pollution is being caused and causing nuisance for their movement and hence informed that arrangement be made to park their vehicles inside their factory premises itself and also requested to provide infrastructure facilities to the village.

**11. Sri Ravi, Adakanahally Village :** He informed about the problems being faced due to non provision of water from Irrigation Department for agriculture purpose.

Addl. Deputy Commissioner informed that this is pertaining to Irrigation Dept., and this will be brought to the notice of the Officers of the concerned department.



He informed that the infrastructure facilities viz., school, power supply, Cattle Graze Field and other facilities is to be provided to the Adakanahallyhundi and action should be taken in the interest of protecting the health of the villagers and ensure that there will not be any harm to the environment. The Granite Factories are dumping the dust and due to the dust particles, air pollution is being caused. He also informed that due to this dust and as the soil taken out during the road works by KIADB is not disposed properly, accidents keep occurring and hence the Officers of KIADB and Pollution Control Board should take suitable action in this regard. He said that around the village, sufficient space should be left from the village upto ½ Kms., and for all the villagers, the compensation is to be given as per the new land acquisition price.

12. **Sri Mahadeva, Adakanahallyhundi Village :** He informed that at present employment is provided for only one person per Khata, but the job shall be given in the factories to all the other educated and uneducated persons in the family or as per RTC.

Addl. Deputy Commissioner informed that KIADB and District Industries Centre will take action as per rule in this regard and facilitate them.

13. **Sri T K Basavaraju, Thandavapura Village :** He informed that he has 1 ¼ Acres of land in Survey No.546/10 B and this is situated on the sides of the last house of the village. The KIADB acquired this land during 2006-08 for Industrial Area and hence he requested to leave this land from land acquisition. He informed that theirs is an undivided family and he will not give his land and cannot go to other place and they are ready to make severe agitation in this regard. He also informed that an appeal has already been submitted and requested to leave the lands surrounding his land from the acquisition process. He informed to conduct spot inspection after the meeting and take suitable action.



The KIADB officer SLAO present in the meeting informed that spot inspection will be made.

Many written appeals were submitted by the villagers assembled in this meeting to the Chairman and as these appeals are not pertaining to the environmental issues of the proposed project, the Chairman received the said appeals.

Addl. Deputy Commissioner spoke and informed that already some persons have submitted their appeals in writing and in the meeting regarding the land acquisition compensation. As given in the Rapid Environment Impact Assessment report prepared by KIADB, the infrastructure facilities submitted in your appeals i.e., Employment Opportunity, Skill Development Training, Public Toilet and other programme have been included in the proposed project proposal under Corporate Social Responsibilities and also earmarked 5.6 acres of land for solid waste management and 54 acres of land for green belt development in the proposed industrial area. Further, the Addl. Deputy Commissioner informed to the SLAO of KIADB present in the meeting to take suitable action issues related to Durasthi, Survey sketch, Land & Property Compensation and to verify to leave the residential houses from the land acquisition. The meeting is concluded with vote of thanks.



**(SRI M LAKSHMAN)**

SENIOR ENVIRONMENTAL OFFICER AND  
CO-ORDINATING MEMBER  
KARNATAKA STATE POLLUTION CONTROL  
BOARD, ZONAL OFFICE, MYSORE



**(SMT. K M GAYATHRI)**

ADDL. DEPUTY COMMISSIONER AND  
CHAIRMAN  
DISTRICT ENVIRONMENTAL PUBLIC HEARING  
COMMITTEE, MYSORE