COMPLIANCE REPORT APRIL 2022 – SEPTEMBER 2022

M/S TRAVANCORE BLUE METAL INDUSTRIES (P) LTD

THIRUVANTHAPURAM DISTRICT
KERALA



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Dt.20-07-2022

The Additional Principal Chief Conservator of Forests (C)
Ministry of Environment, Forests & Climate Change,
4th Floor, E& F Wing, Kendriya Sadan,
Koramangala, Bangalore - 560034

Ref :- File No. 152/SEIAA/KL/3072/2013

Sub :- Environment Clearance – Quarry project at Village & Panchayat - Aruvikara, Taluk - Nedumangad, District - Thiruvananthapuram, Kerala—Compliance Report – Second half - Reg.

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for 12.0836 Ha. by order No. 152/SEIAA/KL/3072/2013 dated 31-03-2017 by State Environmental Impact Assessment Authority, Kerala. The compliance report of Second half (October 2021 to March 2022) to the specific and general conditions of the Environment Clearance order is enclosed.

Thanking you,

Yours respectfully,

For M/s Travancore Blue Metals Pvt. Ltd

Copy to:-The Member Secretary State Environment Impact Assessment Authority (SEIAA), Thiruvananthapuram, Kerala.



SAND SAND

Customer care number - 8592 800 300 / 8592 900 300

COMPLIANCE REPORT

TO

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER

NO: 152/SEIAA/KL/3072/2013

Dated: 31-03-2017

BY

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

FOR

BUILDING STONE QUARRY
(MINOR MINERAL MINING) PROJECT

AT

SURVEY NOS. 229/1, 229/13, 229/9, AND OTHERS IN VILLAGE & PANCHAYAT - ARUVIKARA, TALUK - NEDUMANGAD, DISTRICT - THIRUVANANTHAPURAM, KERALA

BY

M/s TRAVANCORE BLUE METAL INDUSTRIES (P) LTD THIRUVANATHAPURAM DISTRICT KERALA

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INTRODUCTION

The quarry project of **M/s Travancore Blue Metal Industries (P) Ltd.** is situated at survey No. 229/1, 229/13, 229/9, and others in Village & Panchayat - Aruvikara, Taluk - Nedumangad, District - Thiruvananthapuram, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by State Environmental Impact Assessment Authority on 31-03-2017. As part of general condition No.37 of Environmental Clearance order, half yearly compliance report needs to be submitted by the project proponent. The compliance report of First half to the specific conditions and general conditions of the Environmental Clearance order for the period of April 2022 – September 2022 is being submitted.

COMPLIANCE REPORT

(SPECIFIC CONDITIONS)

PART A

PART - A - SPECIFIC CONDITIONS

01	Steep cliff like feature may be demarcated and fenced as danger	complied
	zones with sign boards.	

Compliance:

The project proponent has demarcated steep cliff like feature by fencing. Sign board is also installed to know it is a danger zone. The photograph of the danger board is attached as **Plate No. 5.** This is being maintained in the project area.

02	Storm water drainage from the upper part must be channelized	complied
	properly and let out through well defined channels. Catch water	
	drain should be provided and water must be clarified to avoid	
	silt to reach the river. Avoid letting out water beside of the	
	approach road.	

Compliance:

The project proponent has constructed well defined drainages to channelize all surface runoff in to the rain water harvesting pond in the project site. The de-siltation chamber has been provided to remove sediments from the storm water. The approach road is maintained well and provided drainage channel along road side.

03	The rain water structure should be provided.	Complied	

Compliance:

The proponent has developed two rain water harvesting pond in the project site to collect rain water from the entire project land. The storm water flow is leading to the pond through constructed and natural drainages. The photograph is showing the rain water collection pond in the project area in **Plate No. 1.**

COMPLIANCE REPORT

(GENERAL CONDITIONS)

PART B

PART - B - GENERAL CONDITIONS

01	Rain	Water	Harvesting	capacity	should	be	installed	as	per	the	Complied
	preva	ailing pro	ovisions of K	MBR / KP	BR, unle	ess (otherwise	spe	cified	l	

Compliance:

The project proponent has developed rain water harvesting ponds in the quarry site as Rain Water Harvesting structure. The ponds are situated at the lowest level of project site. The surface runoff is channelized to the pond through garland drains. The rain water is used for irrigation purposes, watering of plants, wetting of roads and for dust suppression system (mainly sprinklers system). The photograph showing the rain water collection pond in the project area is attached in **Plate No. 1**.

0	2	Environment Monitoring Cell (EMC) as agreed under the affidavit	Complied
		filed by the proponent should be formed and made functional.	

Compliance:

The Environmental Monitoring Cell (EMC) was formed with Mr. Biju varghese as head of the monitoring cell. The EMC meetings of the cell convene periodically and evaluate the activities towards the stipulations of Environmental Clearance order. The details of the monitoring cell are given below in **Table No. 1**.

Table 1 - Environmental Monitoring Cell (EMC)

SI. No.	Post	Name
1.	Head of monitoring cell (proprietor)	Biju varghese
2.	Member	Saifudheen P Y
3.	Member	Vijayakumar K
4.	Name of accredited environmental consultant	Environmental Engineers and consultants Pvt. Ltd.

03	Suitable avenue trees should be planted along either side of the	complied
	tarred road and open parking areas, if any, inclusive of approach	
	road and internal roads.	

As part of enhancing bio diversity, the project proponent has planted various saplings and native species in the project site to enhance the eco – diversity in the industry. Green belt is an important component in the mining sector. There is also natural vegetation including trees, shrubs and climbers are presents in the sides of road and parking area. This will help to reduce air and sound pollution. The photographs of avenue trees planted in the road side are given in **Plate No. 2**. The bill purchased against plants is provided as **Annexure No.1**.

04	Maximum possible solar energy generation and utilization shall be	Complied
	ensured as an essential part of the project.	

Compliance:

The project proponent has installed five solar street lights in the project site to use maximum renewable energy to reduce electrical consumption from KSEB. The project proponent has installed 2 solar street lights; and can feed 1 CFL and fan at security cabin to use maximum renewable energy. The purchasing bill of solar is given in **Annexure No. 14.** Photograph of Solar street light is attached as **Plate No. 11.**

05	Sprinklers shall be installed	and used in the project site to	o contain Complied
	dust emissions.		

Compliance:

To prevent dust emission, sprinklers are installed in the project site. This help to suppress dust during the time summer season. Purchase bill of sprinkler is attached as **Annexure No. 15**

06	Eco-restoration including the mine closure plan shall be done at the	Being
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	own cost of the project proponent.	complied	l
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Eco restoration is in an integral part of mining activity. The eco restoration and the mine closure plan will be done at the own cost of the project proponent as per the approved mining plan.

07	At least 10 percent out of the total excavated pit area should be	Noted for
	retained as water storage areas and the remaining area should be	compliance
	reclaimed with stacked dumping and overburden and planted with	
	indigenous plant species that are eco-friendly, if no other specific	
	condition on reclamation of pit is stipulated in the EC.	

Compliance:

After closure of the mine, the project proponent is intending to retain 10 percent of total excavated pit as rain water storage area. The remaining area will be reclaimed with stacked dumping of overburden and top soil. As part of its eco – restoration plan, the project will plant indigenous plant species that are eco – friendly on the reclaimed area.

80	Corporate Social Responsibility (CSR) agreed upon by the proponent	Complied
	should be implemented.	

Compliance:

The project proponent has carried out various activities under Corporate Social Responsibility (CSR). The project proponent has spent an amount of Rs. 4,52,355 in the period of April 2022 to September 2022. The details of performed activities under CSR is attached as **Annexure No. 16.**

09	The lease area shall be fenced off with barbed wires to a maximum	Complied
	height of 4ft around, before starting of mining. All the boundary	
	indicators (boards, stores, markings etc) shall be protected at all	
	times and shall be conspicuous.	

To demarcate the lease area, the project proponent has installed fencing around the area where lease obtained. The complete installation of barbed metal wire fencing around the mining area is with height of 4 ft. All the boundary indicators are protected at all times and clearly visible at any time in a noticeable way. The photograph of barbed metal wire fencing is provided in **Plate No.4.** Signboard is attached as **Plate No. 10.**

10	Warning alarms indicating the time of blasting (to be done at specific	Complied
	timings) has to be arranged as per stipulations of Explosive	
	Department.	

Compliance:

As per the stipulation of Explosive department and State Environment Impact Assessment Authority the project proponent has installed warning alarms (Siren) in the quarry site. Siren is blown before and after blasting regularly. The blasting timings are displayed in the prominent area by way of caution board.

1	1	Control	measures	on	noise	and	vibration	prescribed	by	KSPCB	Complied
		should b	oe impleme	ntec	l.						

Compliance:

To reduce noise level in the project site, the project proponent has implemented mitigate masseurs. The major noise generating sources from the mining activity is working machineries, drilling, blasting and plying of vehicles. The following control measures are undertaken to bringing down the noise levels:-

- Proper maintenance of machinery and equipments
- ➤ The machineries like breaker and excavator has well sound proof cabin so that the machine operators can work without stress due to the sound.
- Personal protective devices i.e., earmuffs, ear plugs etc. are provided to workers working in high noise areas.
- The mining activity held in day time only.

Blast vibrations and control measures

- Controlled blasting technique is adopted in this project in order to reduce blast vibrations.
- ❖ The maximum charge per delay is not more than 10kg to limit the PPV values to 10mm/sec.
- Optimum delay sequence and stem to column ratio is maintaining to minimize the ground vibration intensity.
- The project proponent has appointed qualified persons to monitor the mining operations

12	2	Quarrying	activities	should	be	limited	to	day	time	as	per	KSPCB	complied
		guidelines	/specific co	ondition	S.								

Compliance:

Quarrying activities are limited to day time only as per KSPCB guidelines. This helps to limit the sound pollution. The quarry working time is 8.00am to 5.00 pm.

Ī	13	Blasting should be done in a controlled manner as specified by the	Complied
		regulations of explosives department or any other concerned agency.	

Compliance:

The blasting is done in controlled manner by using NONEL Technology. All blasting activities are carrying out with the specified regulations of explosive department. All blasting are under careful supervision of qualified persons.

14	A licensed person should supervise/control the blasting operations.	Complied
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Compliance:

The project proponent has appointed mines manager and mining mate in the site to supervise/control exploitation of minor minerals including blasting at the project site. **Annexure No. 2** is showing the certificate of qualified persons.

1	15	Access roads to the quarry shall be tarred to contain dust emissions	Complied
		that may arise during transportation of materials.	

To contain dust emissions and for the trouble free transportation of materials, the project proponent has concreted the access road of 600 meter from the entrance of project site to quarry is maintaining in good manner. The project splashes water on the road to arrest the dust production during summer season. The photograph of concreted road is provided in **Plate No. 3.**

16	Overburden materials should be managed within the site and used	Complied
	for reclamation of mine pits as per mine closure plan/ specific	
	conditions.	

Compliance:

In a building stone quarry project, the overburden and topsoil need to extract during the time of mining, these natural resources are staked in the project site. This will be used for plantation, haulage roads and land filling in the mining area. No overburden will let out from the project site. To prevent soil erosion grass is planted on the overburden and topsoil.

17	Height of the benches should not exceed 5m, and width should not	complied
	be less than 5m, if there is no mention is the mining plan/specific	
	conditions.	

Compliance:

To enhance safety and conserve environment, the project proponent is extracting the minerals by creating benches. The benches does not exceed 5 meters of height. The project maintains the width of benches minimum of 5 meters. **Plate No. 6** shows the mining area.

18	Mats to reduce fly rock blast to a maximum of 10 PPV should be	Noted
	provided.	

The project proponent is using blasting mats in the mining field during blasting time. The project proponent is using NONEL Technology for blasting therefore there is no incident of fly rock is happened in the community. The project proponent is also assuring the maximum PPV is under 10 during the time of blasting. The photograph of the blasting mat is attached as **Plate No.7**.

Ī	19	Maximum depth of mining from general ground level at site shall not	Complied
		exceed 10m.	

Compliance:

The project proponent is following the approved mining plan for the exploitation of building stone. Therefore mining depth does not exceed beyond 10 meter or not below the level of the nearest stream bed, whichever is less.

20	No mining	operations should be carried out at places having a slope	Noted
	greater	than 45 ⁰ .	

Compliance:

No mining operation is carried out with a slope greater than 45°.

21	Acoustic	enclosures	should	be	provided	to	reduce	sound	complied	
	amplificati	ions in addition	on to the	prov	risions of g	reen	belt and	hollow		
	brick envelop for crushers so that the noise level is kept within									
	prescribed standards given by CPCB/KSPCB.									

Compliance:

To reduce the impact of sound to the labours in the mine, the project proponent has provided ear plugs. All machines are maintain regularly. Vegetation around the mining area helps to reduce noise and air pollution. This helps the noise level kept within prescribed standards. The crusher and DG set is housed in with acoustic enclosures.

Ī	22	The	workers	on	the	site	should	be	provided	with	the	required	complied
		prote	ective equ	ipm	ents	such	as ear n	nuffs	s, helmet,	etc.			

As part of safety, the project proponent has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear plugs, safety belts, safety shoes, glows, etc. to the labours in working site. Photograph of workers with PPE is attached as **Plate No. 12**

23	Garland drains with clarifiers to be provided in the lower slopes	Complied
	around the core area to channelize storm water.	

Compliance:

The project proponent has constructed drains with clarifiers in the lower slopes of the project area for storm water management. The clarifiers prevent the quarry wastes entering in to the public stream. The project proponent ensured that all storm water from the mining area is flowing in to the pond created at mining area. The photograph of drain is provided in **Plate No.8**. The project proponent is intending to increase the efficiency of garland drain in the site. Photograph of de-siltation trap is provided in **Plate No.9**

24	The transportation of minerals should be done in covered trucks to	complied
	contain dust emissions.	

Compliance:

To avoid dust emission while transportation of materials, the project proponent is being the trucks are covered before it leaving the project site.

25	The proponent should plant trees at least 5 times of the loss that has	complied
	occurred while clearing the land for the project.	

Compliance:

As part of concurrent eco restoration, the project proponent has planted various saplings in the project area as a compensation of loss of trees while clearing the land for mining. The bill against the purchase of plants is provided at **Annexure No.1.**

26	3	Disposal of spent oil from diesel engines should be as specified	Complied
		under relevant Rules/Regulations.	

Compliance:

The volume of used oil is low in the industry; a major portion of used oil is used as lubricant in the project site. The excess have been sold to agencies approved by Pollution Control board.

27	Explosives should be stored in magazines in isolated place specified	complied
	and approved by the explosives department.	

Compliance:

Explosives are stored in magazine. The magazine situated in an isolated place specified and approved by the explosives department. The area surrounded to the magazine is fenced with barbed metal wire. Same is attached as Plate No. 13

28	A minimum buffer distance of 100m meter from the boundary of the	complied
	quarry to the nearest dwelling unit or other structures, not being any	
	facility for mining shall be provided.	

Compliance:

To reduce the adverse impact on community life, the norms of Kerala State Pollution Control Board regarding the distance criteria of residences, roads, rivers and worship places is adhered by the project. The project has left 115 meter distance to the nearest house from the boundary of mining area, the KSPCB condition is 50 meter.

29	100 m buffer distance should be maintained from forest boundaries.	Noted
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Compliance:

There is no forest in the 100 meter vicinity to the project site.

30	Consent from Kerala Pollution Control Board under Water and Air	Complied	
	Act(s) should have been obtained before initiating activity.		

Compliance:

The project proponent has obtained consent from KSPCB under Water and Air Act(s). The copy of certificate of "Consent to Operate" (Renewal) from Kerala State Pollution Control Board is provided in **Annexure No.3.**

31	All other statutory clearances should have been obtained, as Complied
	applicable, by project proponents from the respective competent
	authorities including that for blasting and storage of explosives.

Compliance:

The certificates obtained from concerned statutory authorities are enclosed in Annexure No.3, 4, 5, 6 & 7

TABLE NO.2- DETAILS OF APPROVALS OBTAINED

Name of the Statutory approval	Name of the Statutory authority	Approval Number & Date	
Environmental Clearance	State Environmental Impact	152/SEIAA/KL/3072/2013	
order	Assessment Authority, Kerala	Dt. 31-03-2017	
"Consent to Operate"	Kerala State Pollution Control	PCB/TVM-DO/ICO/NDD-	
(Renewal)	Board	243/2017	
		Dt. 17/01/2022	
Explosive License	Ministry of Commerce & Industry	E/SC/KL/22/1215(E58077)	
	– Petroleum & Explosives Safety	Dt. 16-03-2016	
	Organization (PESO)		
License for quarry	<i>Gram</i> Panchayath	A3-2854/22 Dt. 1-04-2022	
operations			
Lease order	Directorate of Mining and		
	Geology		

In the case of any change(s) in the scope of the project, extent 32 quantity, process of mining technology involved or in any way affecting the environeme3ntal parameters/impacts as assessed, based on which only the EC is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.

No change in scope

Compliance:

The project is running as per plan submitted in Environmental Impact Assessment Authority, Kerala. At present there is no change in the scope of the project. The project proponent will seek for a new Environmental clearance in the case of any change(s) in the scope of the project.

The Authority reserves the right to add additional safe guard Noted 33 measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

Compliance:

If the Authority insists to add additional safeguards and measures in the mining industry for safety and environmental sustainability, the project proponent will be complied with.

The stipulations by Statutory Authorities under different Acts and Complied 34 Notifications should be complied with, including the provisions of Watel (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.

Compliance:

The stipulated orders and directions under different act and notification including EIA notification will be scrupulously followed. A brief list of various Acts and notifications which are followed by the proponent is given below

- ➤ Kerala Minor Mineral Concession Rules, 2015.
- ➤ Mines Act, 1952
- > Explosive Rules, 2008
- > Kerala Panchayat Raj Act, 1994
- > Central Ground Water Authority
- > Water Pollution (Prevention & Control) Act, 1974
- > Air Pollution (Prevention & Control) Act, 1981
- > Environment Protection Act, 1986
- > EIA Notification, 2006 / 2009

35	The project proponent should advertise in at least two local news
33	The project proportent should advertise in at least two local news
	papers widely circulated in the region, one which (both advertisement
	and the newspaper) shall be in the vernacular language informing
	that the project has been accorded Environmental Clearance and
	copies of clearance letters are available with the Department of
	Environment and Climate Change, Govt. of Kerala and may also be
	seen on the website of the Authority at www.seiaakerala.org. The
	advertisement should be made within 10 days from the date of
	receipt of the Clearance letter and the copy of the same signed in all
	pages should be forwarded to the office of this authority as
	confirmation.

Complied

Compliance:

An advertisement in two local newspapers regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at SEIAA Kerala. The copy of the advertisement given in two local newspapers is provided at **Annexure No.8**.

36	A copy of the clearance letter shall be sent by the proponent to	Complied
	concerned Grama/District Panchayath / Municipality / Corporation /	

Urban Local Body and also to the Local NGO, if any from whom suggestions / representations, if any were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.

Compliance:

As per the condition stipulated in the Environmental Clearance order, a copy of the environmental clearance letter was submitted to Grama Panchayat office. There were no suggestions/representations received while processing the proposal. The acknowledgement from the Panchayath is provided in **Annexure No.9**.

The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA) office.

complied

Compliance:

The compliance report is being submitted along with the results of monitored data to the State Environmental Impact assessment Authority and the Regional Office of MoEF&CC, Bangalore as Email. The monitored data of Air, Water and Noise is attached as **Annexure No. 11, 12 & 13.**

The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3ft with green background and yellow letters of Times New Roman font of size of not less than 40.

Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.

Compliance:

The detail of the Environmental Clearance has display on metallic board in the project site. The metallic board installed as specified in the conditions of Environmental Clearance order.

39	The proponent should provide notarized affidavit (indicating the	Complied
	number and date of Environmental Clearance proceedings) that all	
	the conditions stipulated in the EC shall be scrupulously followed.	

Compliance:

An assurance in the form of affidavit was already submitted to SEIAA Kerala. The copy of the same is attached as **Annexure No.10**.

40	No change in mining technology and scope of working should be	NO
	made without prior approval of the SEIAA, No further expansion or	change
	modification in the mine shall be carried out without prior approval of	in scope
	the SEIAA, as applicable.	

Compliance:

At present, the project proponent is not intending to expand the area of mine, technology and scope of working. The project proponent will appear SEIAA for Environment Clearance if the project proponent wants to expand its scope. The mining is progressing as per submitted plan.

4	41	The project proponent shall ensure that no natural water course	Complied
		and/or water resources shall be obstructed due to any mining	
		operations. Necessary safeguard measures to protect the first order	
		streams, if any originating from the mine lease shall be taken.	

Compliance:

There is no such natural water course or "thodu" is flowing along the project site. The project proponent will ensure the natural runoff of storm water. No stream is originating from the lease area.

Monitoring of Ambient air Quality to be carried out based on the notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and un loading points & transfer point to reduce fugitive emissions.

Compliance:

The project proponent has monitored the ambient air quality as per National Ambient Air quality Standard (NAAQS). The project proponent is sprinkling water at loading point after each blast, on the roads and at unloading points. The crushing plant is equipped with water sprinklers at appropriate points. This activity reduces the fugitive emission of dust.

The top soil, if any, shall be temporarily stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The Over Burden (OB) generated during the mining operations shall be staked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the bump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.

complied

Compliance:

To prevent the soil erosion, the top soil and overburden are stacked in designated place within the project site. Only topsoil is being used for plantation. Overburden used for landfill and to construct haulage roads in the mining area. The excess is being stored in a designated place as per the direction of State Environment Impact Assessment Authority (SEIAA). The Environment Monitoring Cell will monitor the execution of eco restoration.

Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc., The drains shall be regularly de silted particularly after monsoon and maintained properly.

Complied

Compliance:

The project proponent has constructed effective garland drains to catch all the storm water during the time of monsoon season. These channels directed the water to the rain water collection pond. All sediments and silts are settling at the bottom of the pond and only cleared water is letting out. The water from the pond can be used for splashing of water on roads to arrest the dust. The project proponent indenting to create de siltation chambers along with catch drains.

be carries out in critical areas prone to air pollution and having high levels of PM₁₀ and PM_{2.5}, such as haul road, loading an un loading points and transfer points – it shall be ensured that the Ambient Air Quality Parameters confirm to the norm prescribed by the Central Pollution Control Board in this regard.

complied

Compliance:

The project proponent is regularly spraying water in critical areas prone to air pollution with the help of vehicle and sprinklers. The project proponent has increased the number of sprinklers in critical area to reduce the dust emission such as loading and unloading points, haul roads and transfer points.

Fugitive dust emission from all the sources should be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and at transfer point should be provided and properly maintained.

The project proponent splashes water in critical area to reduce the dust emission such as loading and unloading points, haul roads and transfer points. The sprinklers and vehicle for water spraying are properly maintained.

4	7	Measures should be taken for control of noise levels below 85 dBA in	complied
		the work environment.	

Compliance:

The noise level from all these activities will not go beyond 85dBA. The main sound generating activities are the playing of jack hammer, breaker, vehicles and blasting operations. The project proponent will take appropriate action to reduce the sound by employing possible measures. These are mentioned under the condition number 11.

48	A separate Environmental Management Cell with suitable qualified	Complied
	personal should be set up under the control of a senior executive,	
	who will report directly to the Head of the Organization.	

Compliance:

To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project proponent has constituted an Environment Monitoring Cell with Mr. Biju Varghese as the head of the Cell.

49	The funds earmarked for environmental protection and CSR activities	complied
	should be kept in separate account and should not be diverted for	
	other purpose. Year wise expenditure should be reported to the State	
	Environment Impact assessment authority (SEIAA) office.	

Compliance:

The project proponent executes many activities under Corporate Social Responsibility (CSR) for community development. To implement these activities in a good manner, the project proponent has opened an account for keeping the funds earmarked for environmental protection and CSR.

50	The Regional Office of MoEF &CC located at Bangalore shall monitor	Noted
	compliance of the stipulated conditions. The project authorities should	
	extend full cooperation to the officer(s) of the regional Office by	
	furnishing the requisite data/information/monitoring reports.	

The project proponent can extent all possible cooperation to the officers form regional office of MoEF & CC and can produce all data/information/reports when they are asking for.

Ī	51	Any appeal against this environmental clearance shall lie with the	Noted
		National Green Tribunal, if preferred within a period of 30 days as	
		prescribed under section 16 of the National Green tribunal Act, 2010.	

There was no appeal within 30 days after issuing the EC order to the project.

52	Concealing the factual data or submission of false/ fabricated data	Noted
	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 Environment (Protection) Act, 1986.	

The project proponent did not conceal any factual data during the time of appraisal for obtaining Environmental Clearance.

53	The SEIAA may revoke or suspend the order, for non implementation	Noted
	of any of the specific or this implementation of any of any of the	
	above conditions is not satisfactory. The SEIAA reserves the right to	
	alter/modify the above conditions or stipulate any further condition in	
	the interest of environment protection.	

Compliance:

The project proponent has been implementing conditions stipulated in this Environment Clearance order. The project proponent can execute all possible measures in the project site for the conservation of environment.

54	The above conditions shall prevail not withstanding anything to the	complied
	contrary, in consistent, or simplified, contained in any other permit,	
	license on consent given by any other authority for the same project.	

Compliance:

The project proponent gives priority to the conditions stipulated in the Environment clearance Order for its execution.

55	This order is valid for a period of 5 years or the expiry date of mine	Noted
	lease period issued by the Govt. of Kerala, whichever is earlier.	

56	The environmental clearance will be subject to the final order of the	Noted
	courts in any pending litigation related to the land or project, in any	
	court of law.	

There is no pending litigation in connection with the land in any court of Law.

57	The mining operation shall be restricted to above ground water table	complied
	and is should not intersect ground water table.	

Compliance:

The project proponent has restricted its mining operations above the ground water table.

58	All vehicle used for transportation and within the mine shall have	Complied
	"PUC" certificate from authorized pollution taking center. Washing of	
	all vehicles shall be inside the lease area.	

As part of reduce air pollution, the project proponent has monitoring the pollution level of all vehicles playing in the project site. This monitoring has conducted only in authorized pollution checking center. Copy PUC certificate is attached as **Annexure No. 17.**

59	Project proponent should obtain necessary prior permission of the	Noted
	competent authorities for drawl of requisite quantity of surface water	
	and ground water for the project.	

Compliance:

At present, the need of prior approval is not necessary to draw ground water and surface water for the project.

60	Regular monitoring of flow rates and water quality upstream and	Noted
	down streams of the springs and perennial nallahs flowing in and	
	around the mine lease area shall be carried out and reported in the	
	six monthly report to SEIAA.	

Compliance:

There is no stream or springs flowing in and around to the mine lease area. The project proponent installed de siltation trap and other mechanism to prevent sediments and wastes from the mining area to the public drainage system.

61	Occupational health surveillance programe of the workers should be	Complied
	under taken periodically to observe any contractions due to exposure	
	to dust and take corrective measures, if needed.	

Compliance:

The project proponent has conducted an occupational health surveillance programme in association with Taluk hospital for the labours working in mining area.

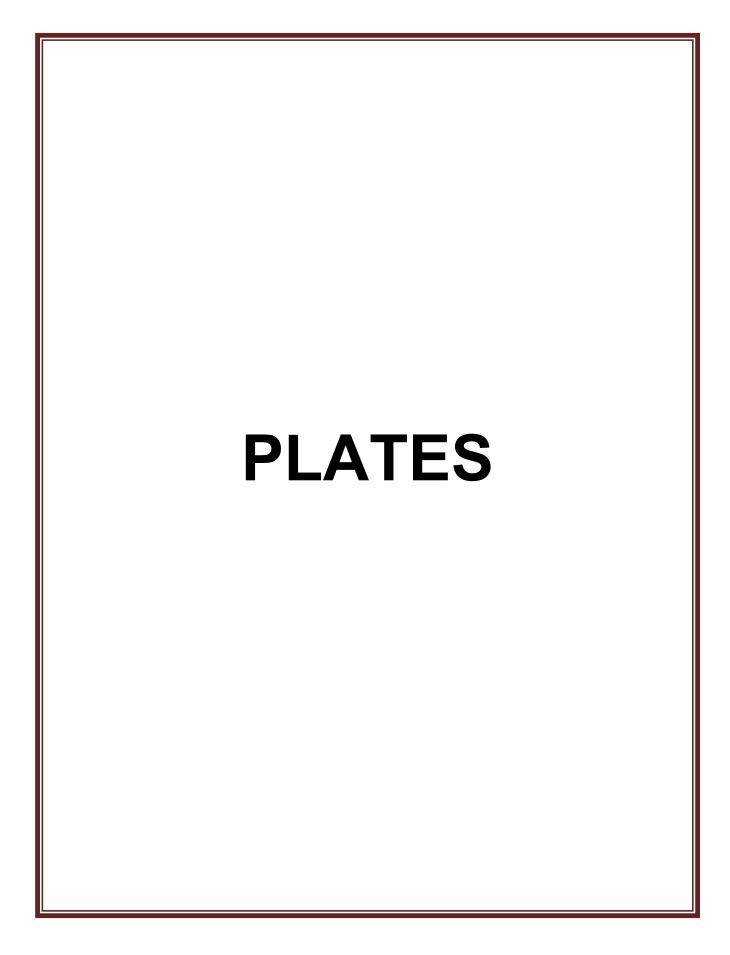


Plate No.1



Rain water Harvesting Pond in the project site





Avenue Trees

Plate No.3



Approach road

Plate No.4



Fencing

Plate No.5



Danger board
Plate No.6



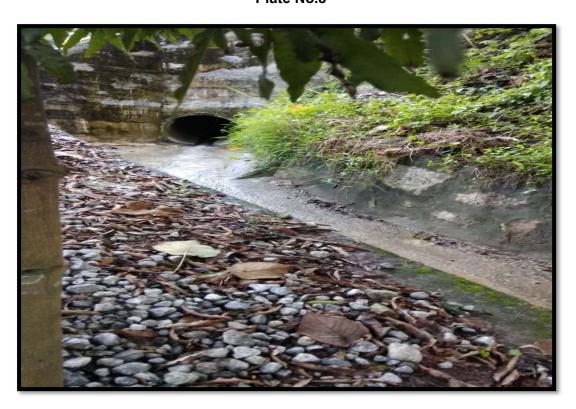
Mining Area

Plate No.7



Blasting mat

Plate No.8



Drainage

Plate No.9



De Siltation Trap

Plate No.10



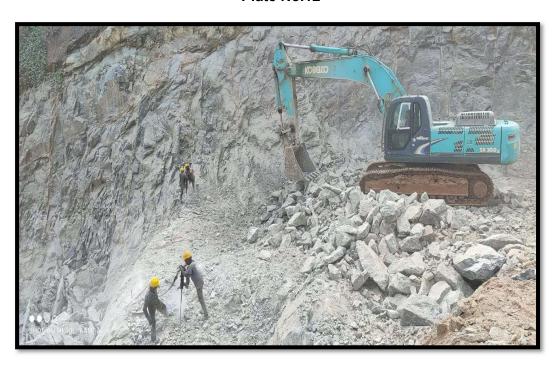
Sign Board

Plate No.11



Solar Street light

Plate No.12



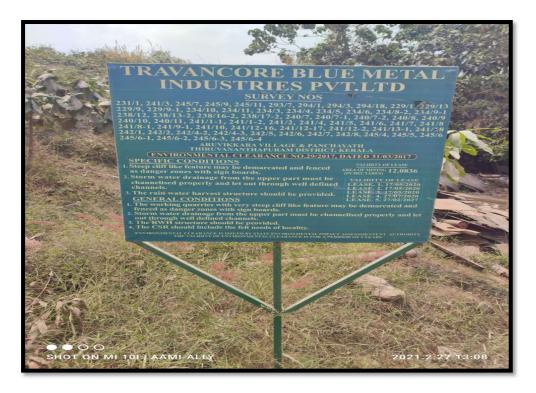
Workers with personal protective equipments

Plate No.13



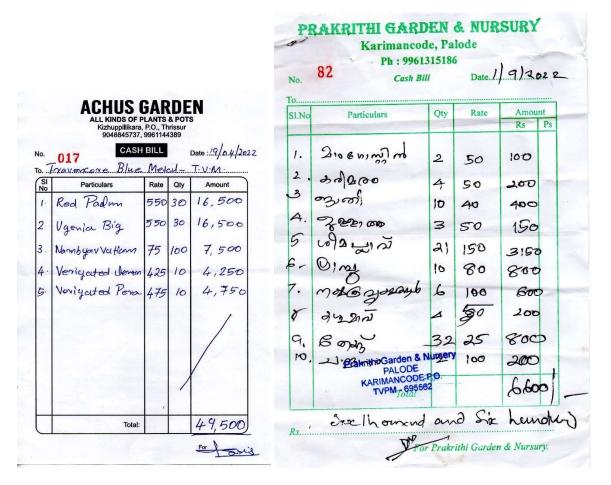
Magazine

Plate No.13



EC Board

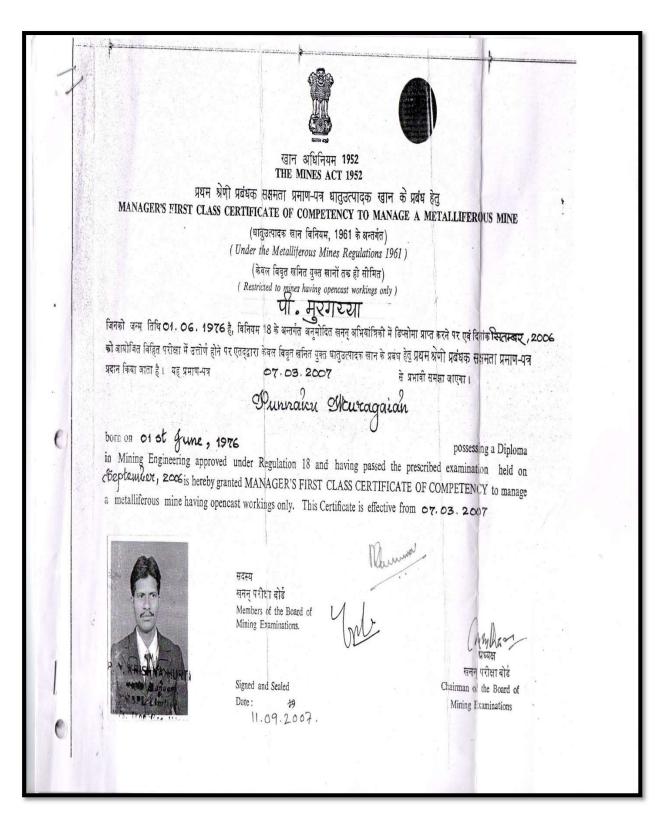




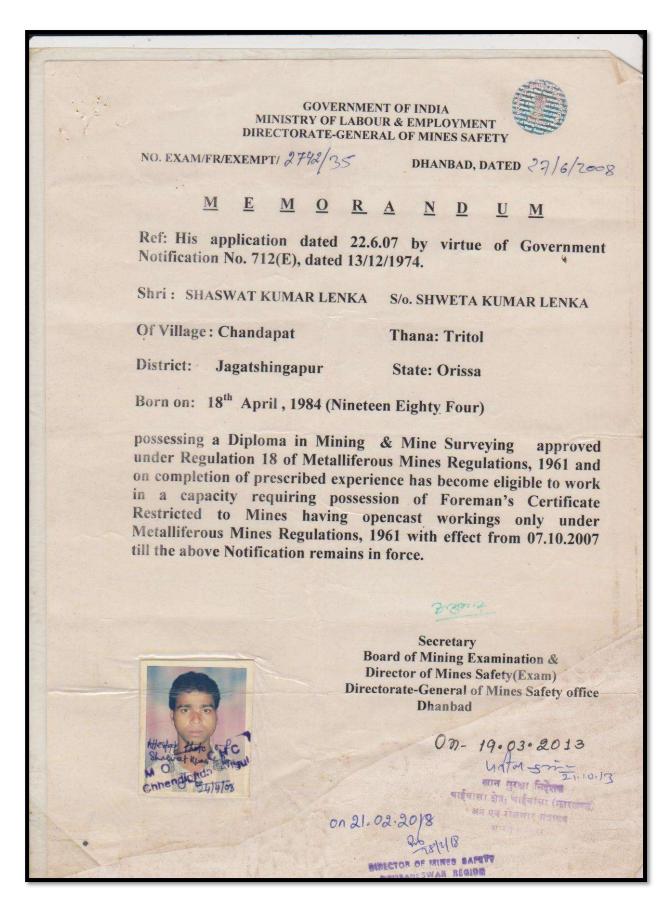
Bill of plants purchased

L.	
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बस्ताबेज संo No. of Document 11565	
	er date
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खनन मेट	समर्थना प्रमाण-गन
MINING MATE'S CEI	RTIFICATE OF COMPETENCY
(धारवीय खान (Under Metallifero	बिनियम, १६६१ के अधीन) ous Mines Regulations, 1961)
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, is hereby granted a MININ	G MATE'S CERTIFICATE under the Water lies
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सचिव	
खनन परीक्षा बोर्ड Secretary,	अध्यक्ष खनन परीक्षा बोर्ड
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Date	
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्सा शारारिक या मानासक अशक्तता से रहित पाया गया, जिसका उस	के दक्षतापर्वक कार्य निष्पादन पर प्रधान पत्रने की संशासन से
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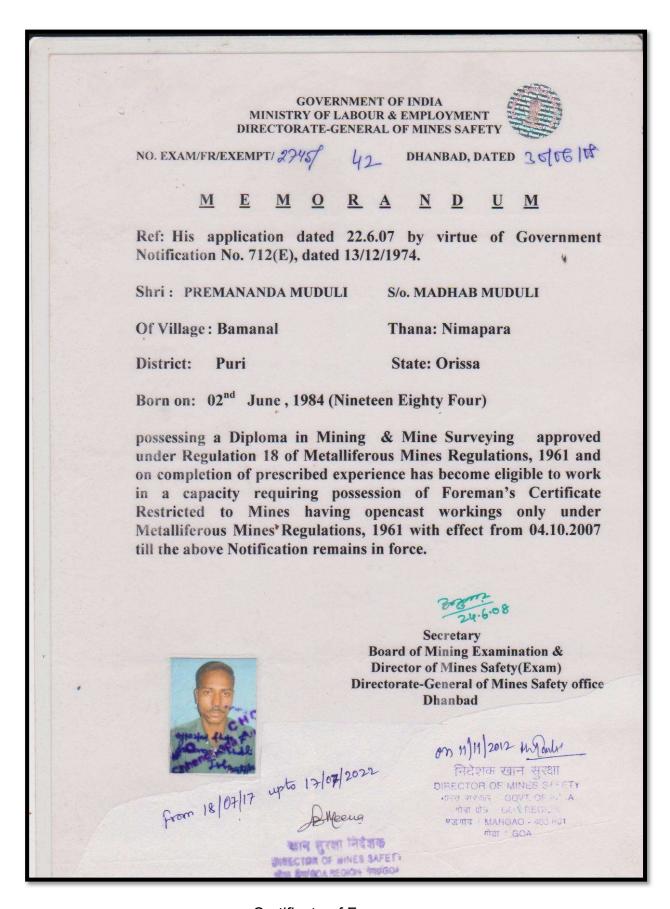
Certificate of Mining mate



Certificate of Mines manager



Certificate of Foreman



Certificate of Foreman



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/TVM-DO/ICO/NDD-243/2017

Date of issue :2022-01-17

CONSENT VARIATION ORDER

Consent No: PCB/TVM-DO/ICO(VAR)/NDD/QRY-02/2022

Ref : Consent No : PCB/TVM-DO/ICO(R)/NDD/QRY/120/2020 dated 17.01.2022

The 'Integrated Consent to Operate' issued as per reference above to M/s Travancore Blue Metal Idustries Private Ltd, Cheriyakonni, Cheriyakonni P.O, Aruvikkara, Nedumangad, Thiruvananthapuram is hereby modified & issued to M/s Travancore Blue Metal Idustries Private Ltd, Cheriyakonni, Cheriyakonni P.O, Aruvikkara, Nedumangad, Thiruvananthapuram The consent(s)/ variation order(s) cited under reference are integral part of this consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	Validity	30.03.2023

II. CONDITIONS

- 1. This consent is issued based on the request and other documents submitted by the applicant vide reference. If any of the documents is found false, this consent will automatically become invalid.
- 2. This consent is granted subject to the power of the Board to review and make variations in all or any of the conditions as per section 21 of the Air (Prevention and Control of Pollution) Act 1981 and section 25 of the Water (Prevention and Control of pollution) Act 1974.
- 3. This consent is granted subject to the Environmental Clearance dated 31/03/20217 of State Environmental Impact Assessment Authority(SEIAA), Thiruvananthapuram with 152/SEIAA/KL/3072/2013 and Notification of MOEFCC dated 18.01.2021.
- 4. This consent is subject to the order/judgment of Hon'ble Supreme Court in or the Hon'ble NGT in the connected matters.
- 5. The consent issued from the Board will be valid only during the period when statutory or necessary clearances from other concerned authorities are valid. The consent issued from the Board is only with respect to the powers vested under the Water Act, 1974, Air Act, 1981 and Rules there under. The operation of the unit shall be commenced only after obtaining clearances from all concerned authorities.

Page1

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

Bincy B S Date: 2022.01.19 16:22:31 + 05'30'

DATE:17/01/2022

SIGNATURE & SEAL OF ISSUING AUTHORITY ASSISTANT ENVIRONMENTAL ENGINEER, DISTRICT OFFICE, THIRUVANANTHAPURAM



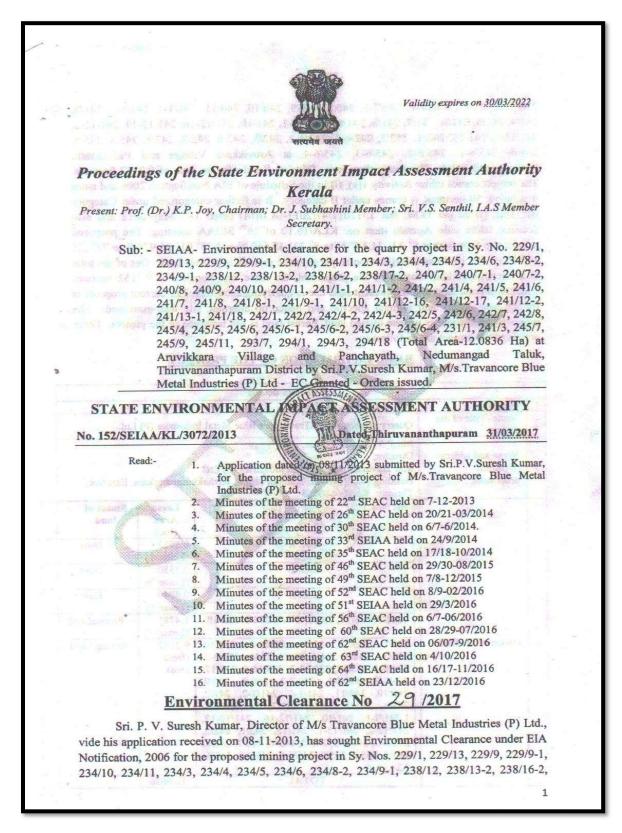
To

Suresh Kumar P.V(OWNER-Travancore Blue Metal Idustries Private Ltd) Cheriyakonni, Cheriyakonni P.O, Aruvikkara, Nedumangad, Thiruvananthapuram

- 1. This digitally signed document is legally valid as per the Information Technology Act 2000
- 2. For verifying this document please go to krocmms.nic.in and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.

Page2

Copy of Consent form PCB



Copy of Environmental Clearance



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION(PESO)
(Formerly Department of Explosives)

Kendriya Bhavan, Block C-2, 3rd Floor
CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037
Tele: 2427286 Fax: 2427276

Email: dycceernakulam@explosives.gov.in

No.: E/SC/KL/22/1215(E58077)

Dated:02/02/2018
6 FEB 2018

Shri.M/S Suresh Kumar.P.V.,

Director, Travancore Blue Metal Industries Pvt Ltd Thekkemala-Mylom, Cheriyakonni Post, Thiruvannathapuram District-695013, Kerala., Town/Village - Cheriyakonni District-THIRUVANANTHAPURAM, State-Kerala, Pincode - 695013

Subject:

Possession for Use of of Explosives from magazine situated at Survey No.:245/6-2, Block 41., Aruvikkara village, Nedumangad Taluk, Thiruvananth, Dist. THIRUVANANTHAPURAM, Kerala -Licence No.: E/SC/KL/22/1215(E58077) granted in Form LE-3 of Explosives Rules, 2008 - Amendment in Drawings/Facilities/Premises.

Sir(s),

Please refer to your letter No. e58077 dated 02/02/2018 on the subject cited above.

The Licence No.: E/SC/KL/22/1215(E58077) is forwarded herewith duly amended in respect of followings;

1. INTIMATION REGARDING QUARRY ING OPERATIONS AT SY,NO. 1. INTIMATION REGARDING QUARRY ING OPERATIONS AT SY,NO. 229/13,229/91,229/91-234/10,234/10,234/3,234/4, 234/5, 234/6, 234/8-2,234/9-1,238/13-2, 238/13-2, 238/16-2, 238/17-2, 240/7, 7-1, 7-2, 8, 9, 10, 11, 241/1-1, 1-2,24,56,7,8,8-1, 9-1,10,12-16,12-17,12-2, 13-1, 18,242/1, 2,4-2, 4-3,5,6,7,8, 245/4, 5,6,6-1, 6-2, 6-3,245/6-4 *OF ARUVIKKARA VILLAGE, NEDUMANGAD TALUK, THIRUVANANTHAPURAM DIST. VIDE INDENT LETTER FROM DEPT OF MINING & GEOLOGY NO. 8300/M3/2017 DATED 4/10/2107 IS ACKNOWLEDGED. NO USE OF EXPLOSIVES IS PERMITTED UNLESS VALID QUARRY PERMIT IS OBTAINED AND COPY SUBMITTED TO THIS OFFICE. LOCAL STATE GOVERNMENT AUTHORITIES APPROVAL/ENVIRONMENTAL CLEARANCE AS APPLICABLE AND RENEWED FROM TIME TO TIME SHALL BE IN POSSESSION.2. LICENSED EXPLOSIVES VAN SHALL BE USED FOR TRANSPORTATION OF EXPLOSIVES FROM MAGAZINE TO BLASTING SITE.3. IF ANY CHANGE OF QUARRY OR ADDITIONAL QUARRY IS INVOLVED, NECESSARY PRIOR APPROVAL/ENDORSEMENT SHALL BE OBTAINED FROM THE LICENSING AUTHORITY. 4. OPENING OF QUARRY SHALL BE INFORMED TO THE DGMS AND BLASTING OPERATIONS SHALL BE CONDUCTED AS PER MINES ACT.5. APPROVED BLASTER SHALL BE APPOINTED IN THE QUARRY FOR BLASTING. 6. ALL RECORDS OF USE OF EXPLOSIVES IN RE-3, RE-5, RE-7 RE-13 SHALL BE MAINTAINED.6.DAILY PASS FOR USE OF EXPLOSIVES (RE-13) SHALL BE GENERATED ONLINE. OF VILLAGE, TALUK, DIST. VIDE INDENT LETTER FROM DEPT OF MINING & GEOLOGY NO. DATED IS ACKNOWLEDGED. NO USE OF EXPLOSIVES IS PERMITTED UNLESS VALID QUARRY PERMIT IS OBTAINED AND COPY SUBMITTED TO THIS OFFICE. LOCAL STATE GOVERNMENT AUTHORITIES APPROVAL/ENVIRONMENTAL CLEARANCE AS APPLICABLE AND RENEWED FROM TIME TO TIME SHALL BE IN POSSESSION.2. LICENSED EXPLOSIVES VAN SHALL BE OBTAINED FROM THE LICENSING AUTHORITY.4. OPENING OF QUARRY SHALL BE INFORMED TO THE DGMS AND BLASTING OPERATION OF EXPLOSIVES FROM MAGAZINE TO BLASTING SITE.3. IF ANY CHANGE OF QUARRY OF ADD

The licence capacity at any one time shall not exceed the kinds and quantities mentioned below;

No	Explosive(s)	Class	Div	Sub Div	Capacity	Unit
1	Nitrate Mixture	2	0	0	150	Kg.
2	Electric and/or Ordinary Detonators	6	3	0	5000	Nos.
3	Safety Fuse	6	1	0	2000	Mtrs

mantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)]: 20 times as above. This Licence shall remain valid till 31st day of March 2021. For further renewal of licence, please follow the procedure under Rule 112 of Explosives Rules, 2008. Receipt of this letter may please be acknowledged. **Enclosures**: Yours faithfully, Deputy Chief Controller of Explosives
Emakulam
D. C. C. E., Ernakulam Copy Forwarded to: 1. District Magistrate, THIRUVANANTHAPURAM, Kerala with reference to his Noc No: A17-26996/10 Dated: 17/09/2010. 2. Superintendent of Police, THIRUVANANTHAPURAM, Kerala Deputy Chief Controller of Explosives Ernakulam [For more information regarding status, fees and other details, please visit our web site http://peso.gov.in]



भारत सरकार | <mark>Government of India</mark> वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसी) | Petroleum & Explosives Safety Organisation (PESO)
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives
केन्द्रीय भवन, ब्लाक सी-2, तीसरी मंजिल | Kendriya Bhavan, Block C-2, 3rd Floor
CSEZ पी.ओ.कक्कानाड कोच्ची | CSEZ PO Kakkanad Dist. Ernakulam Ernakulam 682037
फोन (Phone):- 2427286 | फेक्स (Fax):- 2427276

ई-मेल Email: dycceernakulam@explosives.gov.in

2 9 JAN 2021

दिनांक (Date): 25/01/2021

संख्या (No.): E/SC/KL/22/1215(E58077)

सेवा में I To.

Shri.M/S Suresh Kumar.P.V., Director, Travancore Blue Metal Industries Pvt Ltd Thekkemala-Mylom, Cheriyakonni Post, Thiruvannathapuram District-695013, Kerala., Town/Village - Cheriyakonni

District-THIRUVANANTHAPURAM, State-Kerala, Pincode - 695013

विषय:

Survey No.245/6-2, Block 41 ., ग्राम Aruvikkara village, Nedumangad Taluk, Thiruvananth, जिला THIRUVANANTHAPURAM, राज्य Kerala में विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1215(E58077) के नवीनीकरण

Subject:

Possession for Use of of Explosives from magazine situated at Survey No.:245/6-2, Block 41. Aruvikkara village, Nedumangad Taluk, Thiruvananth, Dist. THIRUVANANTHAPURAM, Kerala Licence No.: E/SC/KL/22/1215(E58077) granted in Form LE-3 of Explosives Rules, 2008 - Renewal

regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 11/01/2021 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक 31/3/2026 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है। Reference to your letter No.: Nil dated: 11/01/2021, the subject licence duly renewed upto 31/3/2026 and issued in Form LE-3 of Explosives Rules, 2008 is forwarded herewith.

Conditions:

1)QUARRYING SHALL BE STARTED USING EXPLOSIVES ONLY AFTER GRANT OF QUARRYING LEASE FROM THE DIRECTOR OF MINING & GEOLOGY . PLEASE NOTE THAT THE USE OF EXPLOSIVES IN THE QUARRIES SHALL BE AS PER THE DIRECTION OF DGMS, BANGALORE AS REQUIRED UNDER MINES ACT 1952 AND METALIFEROUS MINES REGULATIONS 1961

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/ 2026 से पहले **इस कार्यालय** को भेजे जाएं. For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2026

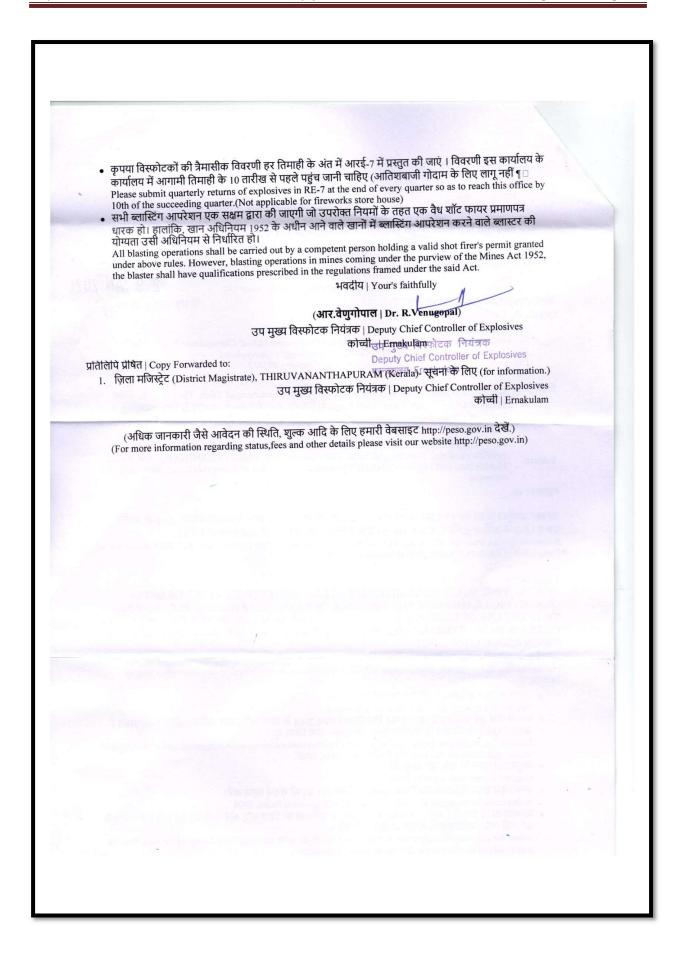
 प्ररूप आरई-। में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन। Application in Form RE-1 duly filled in and signed.

एक से पाँच वर्ष के अनुज्ञप्ति शुल्को का, विस्फोटक नियम, 2008 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से लाइसेंस शुल्क ऑनलाइन जमा किया जाना है। Licence fees renewable for one to five years, to be submitted online through e-payment facility available on online application portal under the Explosives Rules, 2008.

 अनुमोदित प्लान के साथ मूल अनुज्ञप्ति। Original licence with approved plan.

कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।

In this connection, please also refer to Rule 112 of Explosives Rules, 2008. विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाएं (आतिशबाजी गोदाम के लिए लागू नहीं ¶ Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office.(Not applicable for fireworks store house)



अनुज्ञप्ति प्ररुप एल. ई.-3 | LICENCE FORM LE-3

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।) (See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति

Licence to possess: (c) for use, explosives of class 1, 2,3,4,5,6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.) : E/SC/KL/22/1215(E58077) वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

Shri.M/S Suresh Kumar.P.V. (প্রতিমানা / Occupier : Shri Suresh Kumar.P.V.),
Director, Travancore Blue Metal Industries Pvt Ltd Thekkemala-Mylom, Cheriyakonni Post,
Thiruvannathapuram District-695013, Kerala., Town/Village - Cheriyakonni, DistrictTHIRUVANANTHAPURAM, State-Kerala, Pincode - 695013

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : Individual

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है।
Licence is valid only for the following purpose.

Ordinary Detonators, Safety Fuse, के अपयोग के लिए

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है। Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
Sr. No.	Name and Description	Class & Division	Sub-division	Quantity at any one time
1.	Nitrate Mixture	2 ,0	0	150 Kg.
2.	Electric and/or Ordinary Detonators	6,3	0	5000 Nos.
3.	Safety Fuse	6,1	0	2000 Mtrs

(ख) किसी एक कलैंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए।

26 times as above.

(b) Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)]:

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पुष्टि होती है।
The licensed premises shall conform to the following drawing(s): . (E58077)
दिनांक (Dated) 29/04/2011

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address: Survey No. 245/6-2, Block 41., ग्राम (Town/Village): Aruvikkara village, Nedumangad Taluk,

Thiruvananth তালা (District) THIRUVANANTHAPURAM

पुलिस थाना (Police Station) : Nedumangad राज्य (State) Kerala पिनकोड (Pincode) 695013 ई. मेल (E-Mail) फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं। The licensed premises consist of following

दूरभाष (Phone) 09447178279

D(110) and E(172) and E(854) type portable magazine (Mfd by Thekkans Engg and Fabrication Works, Ernakulam)total three portable magazine after this amendment

- 8. अनुज्ञप्ति समय समय पर यथासंशोधित विस्फोटक अधिनयम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधो, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबध्दों के अधीन रहते हुए अनुदत्त की जाती है। The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.
 - 1. उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए¶ Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
 - अनुज्ञप्ति प्राधिकारी व्दाररा हस्ता क्षरित इस अनुज्ञप्ति की शर्तें और अतिरिक्ति शर्तें।
 Conditions and Additional Conditions of this licence signed by the licensing authority.
 - 3. दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख 31 मार्च 2016 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2016. यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो। This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto. संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of तारीख | The Date - 29/04/2011 **Explosives** South Circle, Chennai Amendments: Amendment of Quantity of Explosives/Monthly Purchase Limit dated: 13/01/2012 Amendment of Quantity of Explosives/Monthly Purchase Limit dated: 12/06/2013 Amendment of Quantity of Explosives/Monthly Purchase Limit dated: 02/01/2014 Amendment in Drawings/Facilities/Premises dated: 02/02/2018 Amendment of Quantity of Explosives/Monthly Purchase Limit dated: 30/01/2019 नवीनीकरण के पृष्ठांकन के लिए स्थान Space for Endorsement of Renewal अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प समाप्ति की तारीख नवीकरण की तारीख Signature of licensing authority and stamp Date of Expiry Date of Renewal 31/03/2026 Dy. Chief Controller of Explosives, Ernakulam 25/01/2021 उप मुख्य विस्फोटक नियंत्रक Deputy Chief Controller of Explosives एरनाकुलम Ernakulam कानूनी चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरूपयोग विधि के अधीन गंभीर दांडिक अपराध Statutory Warning: Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

Copy of Explosive

ലൈസൻസ് നമ്പർ: എ3/2854/22



തീയതി : 01/04/2022

അരുവിക്കര ഗ്രാമപഞ്ചായത്തിൽ നിന്നും 1994 ലെ കേരള പഞ്ചായത്ത്രാജ് ആക്റ്റ് 232, 233, 234, എന്നീ വകുപ്പുകളും തൽ സംബന്ധമായ ചട്ടങ്ങളും അതൊടൊപ്പം കേരള ഇൻവെസ്റ്റ്മെന്റ് പ്രമോഷൻ ആന്റ് ഫെസിലിറ്റേഷൻ ഓർഡിനൻസ് (2017) അനുസരിച്ച്

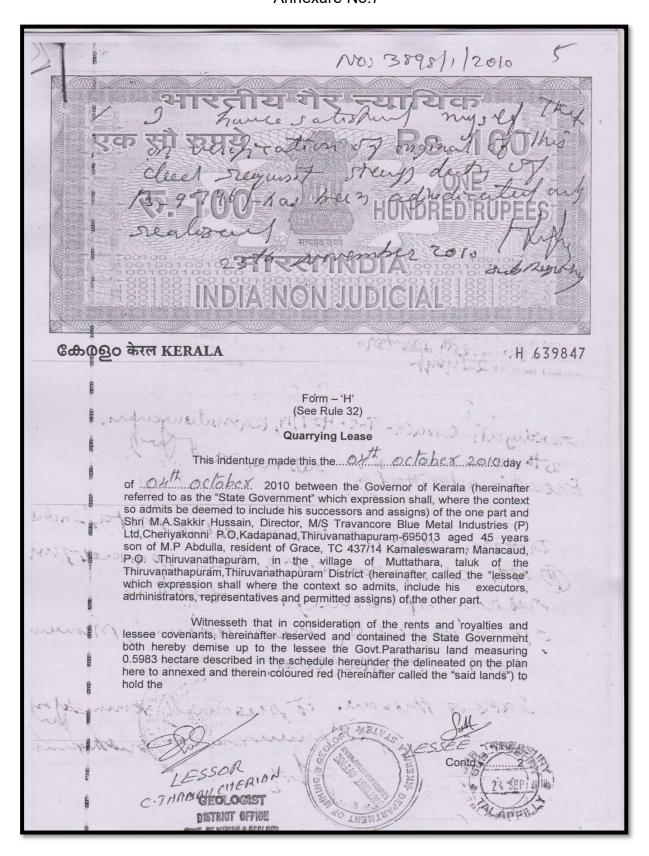
വൃവസായങ്ങൾ/ഫാക്ടറികൾ/വ്യാപാരം/സംരംഭകത്വം/മറ്റുസേവനങ്ങൾ എന്നിവയ്ക്ക് നൽകുന്ന ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	ശ്രീ. പി വി സുരേഷ് കുമാർ, യയറക്ടർ, ട്രാവൻകൂർ ബ്ലു മെറ്റൽ- ഇൻഡസ്ട്രീസ് പ്രൈവറ്റ് ലിമിറ്റഡ്, ചെറിയകൊണ്ണി.			
സ്ഥാപനത്തിന്റെ പേരും മേൽവിലാസവും	ട്രാവൻകൂർ ബ്ലൂ മെറ്റൽ- ഇൻഡസ്ട്രീർ	സ് പ്രൈവറ്റ് ലിമീറ്റഡ്		
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	പാറ കഥാറി നടത്തുന്നതിന്. സർദ്യേ നമ്പർ 229/1, 229/13, 229/9, 22 234/5, 234/6, 234/8-2, 234/9-1, 238/12, 240/7-1, 240/7-2, 240/8, 240/9, 240/10, 241/5, 241/6, 241/7, 241/8, 241/8-1, 241,	238/13-2, 238/16-2, 238/17-2, 240/7, , 240/11, 241/1-1, 241/1-2, 241/2, 241/4		
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	241/12-2, 241/13-1, 241/18, 242/1, 242/6, 242/7, 242/8, 245/4, 245/5 245/6-3, 245/6-4.			
ലൈസൻസ് കാലയളവ്	01/04/2022 മുതൽ 30/03/2023 വരെ	gree processors of approximately		
ഈടാക്കിയ ലൈസൻസ്	, 15000+2500+500+10+ 10500 = 28510/-	രസീത് നമ്പർ		
ഫീസ്	1500 1250 1500 10 1 1550 = 2550)	121150106849,51 - 25/03/2022		
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപ പത്രങ്ങളുടെ വിഗദാംഗങ്ങൾ	മുൻ ലൈസൻസ് പകർപ്പ് (31/03/2022ൾ (30/03/2023 വരെ)പി സി ബി സർട്ടിഫ ജിയോളജി കഥറിയിംഗ് ലീസ് (27/02/ലൈസൻസ് (31/03/2026 വരെ).	റിക്കറ്റ് (30/03/23 വരെ), മൈനിംഗ് &		
	2	സെക്രട്ടറി		

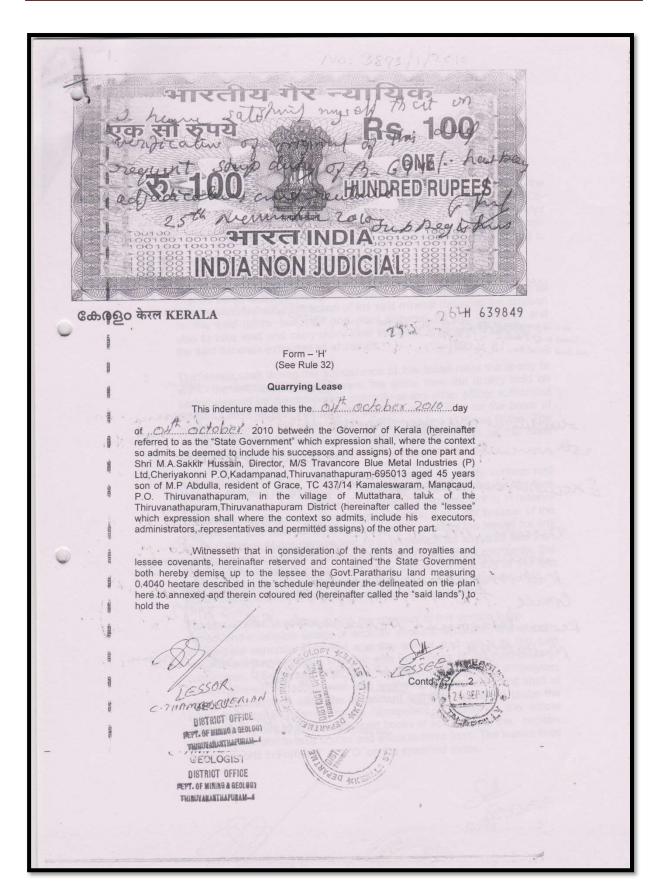
ഓഫീസ്മുദ്ര

അരുവിക്കര ഗോഗപഞ്ചായുക്ക് അദുവികര പ്. ഒ. അദുവന്തപുരം പ്രചായുക്ക് അദുവികര പ്. കോൺ 0472 2888725, 9496040691

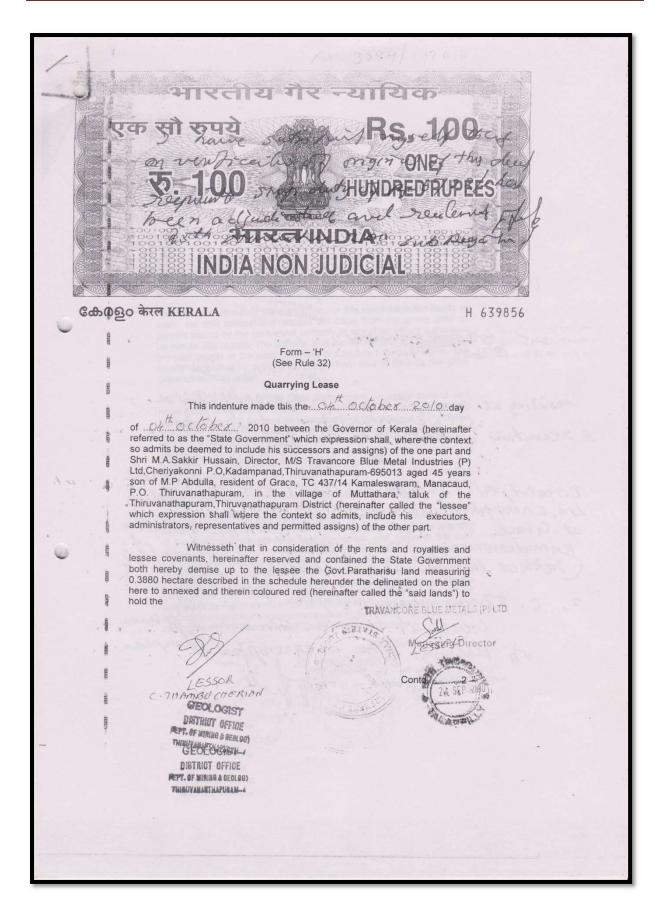
Copy of license from Gram Panchayat



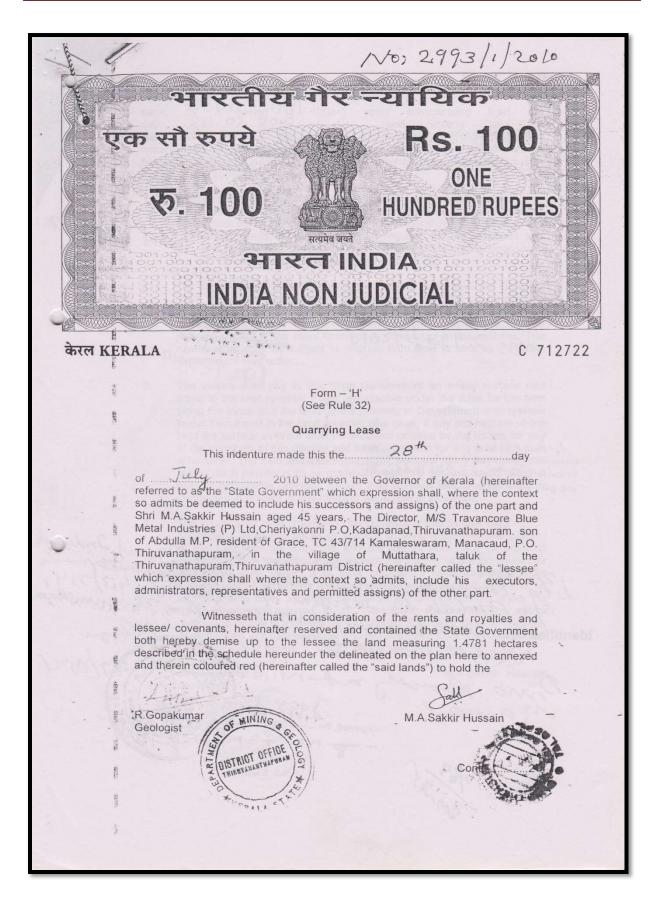
Copy of lease



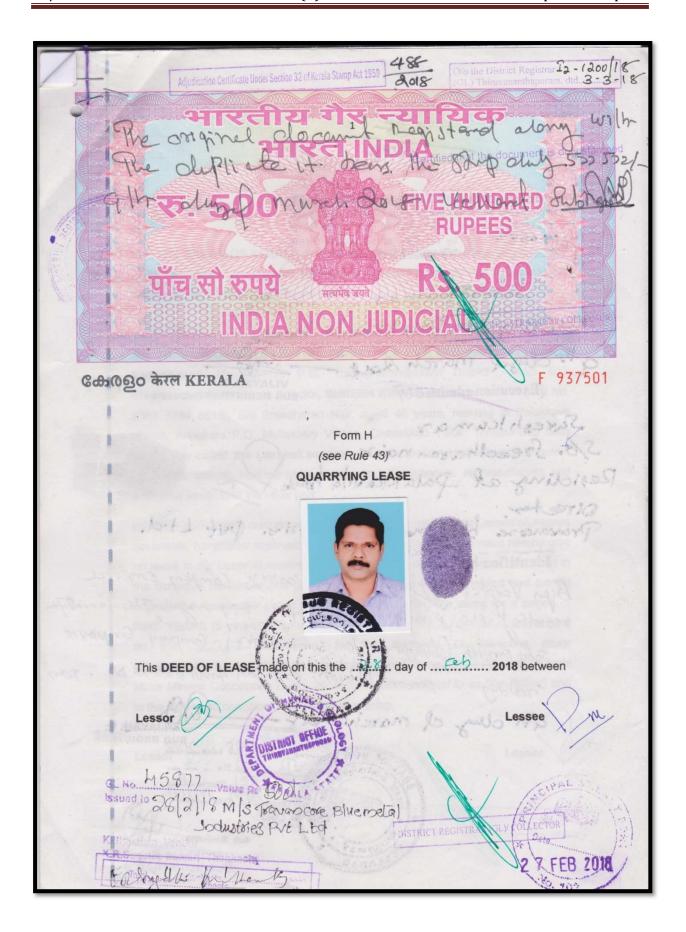
Copy of lease

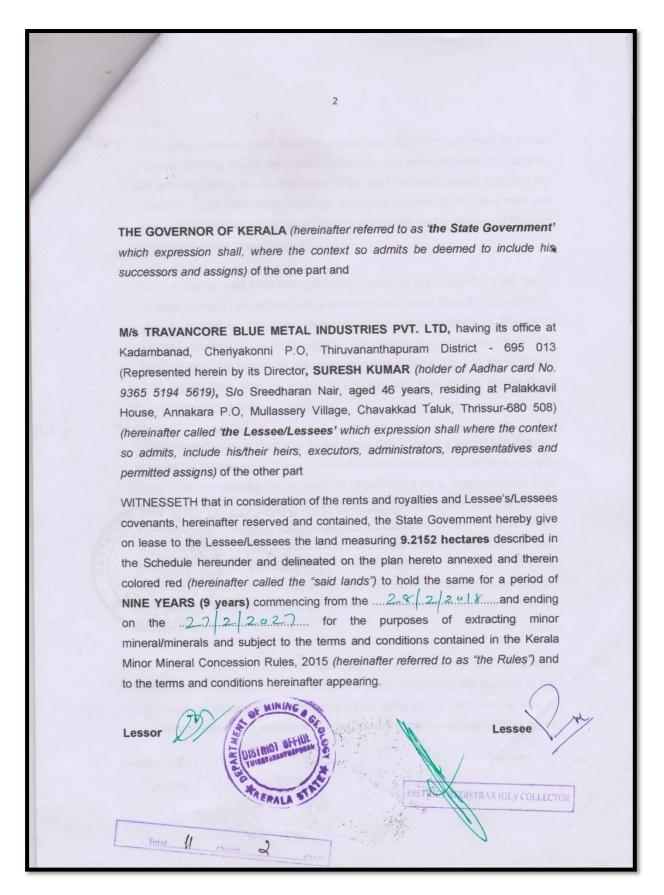


Copy of lease

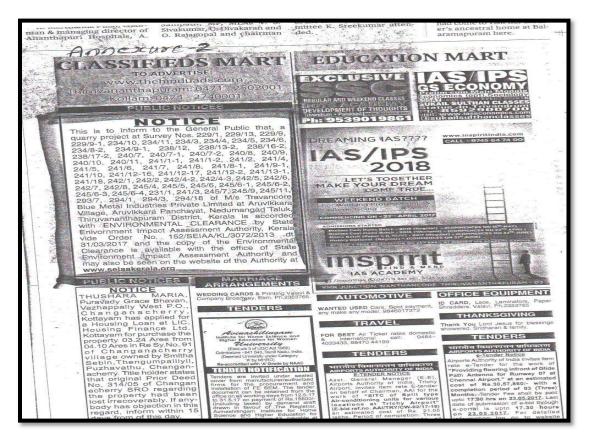


Copy of lease



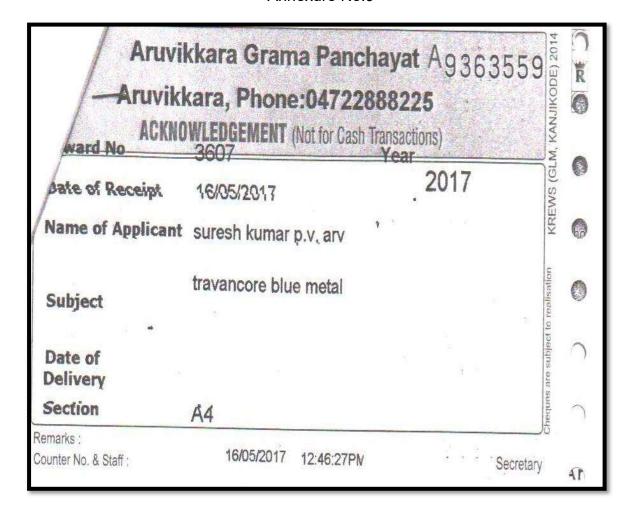


Copy of lease

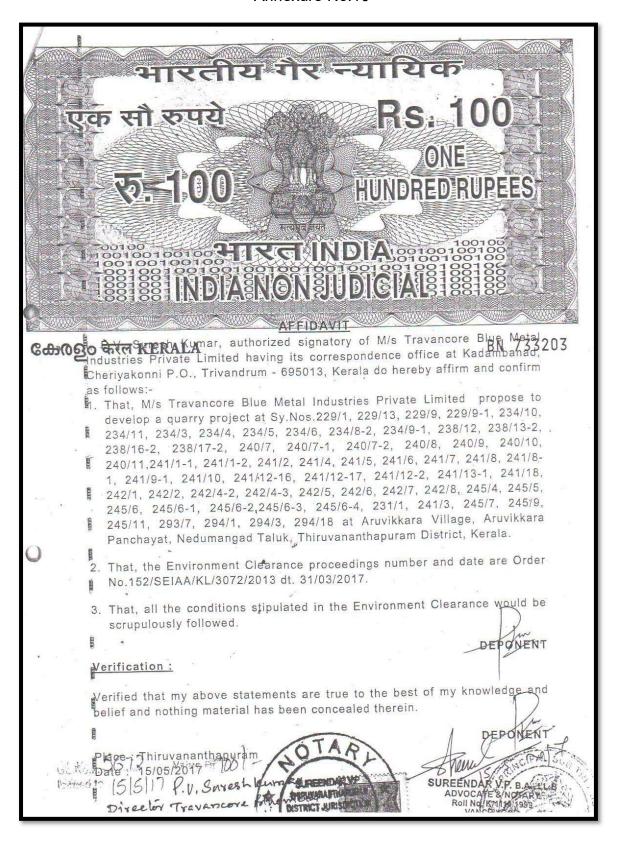




Advertisement in News papers



Acknowledgment from Gram Panchayat



Copy of Affidavit



TEST REPORT

Test Report No: 20220614/R027	Date: 18-06-2022	Page 1 of 1
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CUSTOMER DETAILS M/s Travancore Bluemetal Industries Pvt Ltd

Customer Name & Address	Aruvikkara, Nedumangad, Thiruvananthapuram Distri	ct	
Customer Reference	Test Request dt: 14-06-2022		
	SAMPLE I	DETAILS	
Product Category	Atmospheric Pollution	Sample Code	20220614/S027
Sample Name	Ambient Air	Sample Received on	15-06-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	15-06-2022
Sampled by	Lab Authorized Sampler	Test Completed on	17-06-2022
	DETAILS OF	SAMPLING	
Sampling Location	Near East Side Boundary	Date of Sampling	14-06-2022
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	70%
	SAMPLING SI	TE DETAILS	
Survey No	229/1, 229/13, 229/9, 229/9, 234/8-2, 234/9-1, 238/12, 23 240/8, 240/9, 240/10, 240/1: 241/7, 241/8, 241/8-1, 241/18, 242/1, 242/2, 242, 245/5, 245/6, 245/6-1, 245/6, 245/11, 293/7, 294/1, 294/3,	8/13-2, 238/16-2, 238/17 1, 241/1-1, 241/1-2, 241/2 1-1, 241/10, 241/12-16, 24 /4-2, 242/4-3, 242/5, 242/ 5-2, 245/6-3, 245/6-4, 231	-2, 240/7, 240/7-1, 240/7-2, 2, 241/4, 241/5, 241/6, 11/12-17, 241/12-2, 241/13- /6, 242/7, 242/8, 245/4,
Village	Aruvikkara	Taluk	Nedumangad

TEST RESULTS- CHEMICAL PARAMETERS						
SI. PARAMETERS TEST METHOD UNIT RESULT S						
1	Particulate Matter, PM ₁₀	IS 5182 (Part 23):2006	μg/m³	59.3	Max 100	
2	Particulate Matter, PM _{2.5}	IS 5182 (Part 24):2019	μg/m³	31.2	Max 60	
3	Sulphur Dioxide as SO ₂	IS 5182 (Part 2): 2001	μg/m³	<4.00	Max 80	
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006	μg/m³	<4.00	Max 80	

State

Thir uvan antha puram

Remarks:

District

End of Report

Shency Joy Dy.TM-Chemical Checked by:

Laiju P.N. Laboratory Head

Authorized Signatory

Kerala

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standard^S Environmental & Analytical Laboratories
Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board. K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43 Web: www.sealabs.in, E-mail: seaalab@gmail.com

Result of Air

Annexure No.12



TEST REPORT

Test Report No: 20220614/R028		Date: 18-06-2022	Page 1 of 1
	CUSTOME	R DETAILS	
Customer Name & Address	M/s Travancore Bluemeta Aruvikkara, Nedumangad, Thiruvananthapuram Distr		
Customer Reference Test Request dt: 14-06-2022			
	DETAILS OF	MONITORING	

	DETAILS OF	F MONITORING	
Product Category	Atmospheric Pollution	Sample Code	20220614/S028
Sample Name	Ambient Noise	Monitoring Commenced on	14-06-2022
Monitoring Location	Near East Side Boundary	Monitored by	Lab Authorized Sampler
Test Method	IS 9989:1981	•	-
	MONITORING	G SITE DETAILS	
Survey No	234/8-2, 234/9-1, 238/12, 240/8, 240/9, 240/10, 240/ 241/7, 241/8, 241/8-1, 241 1, 241/18, 242/1, 242/2, 241/8-1, 241/18, 242/1, 242/2, 241/8-1, 241/18, 242/1, 242/2, 241/8-1, 241/18, 242/1, 242/2, 241/8-1, 241/18, 242/1, 242/2, 241/8-1, 241/18, 242/1, 242/2, 241/8-1, 241/18, 242/1, 242/2, 241/8-1, 241/18, 242/1, 242/2, 241/8-1, 241/8	/9-1, 234/10, 234/11, 234/3, 2 238/13-2, 238/16-2, 238/17-2 /11, 241/1-1, 241/1-2, 241/2, ./9-1, 241/10, 241/12-16, 241 42/4-2, 242/4-3, 242/5, 242/6 /6-2, 245/6-3, 245/6-4, 231/1 /3, 294/18	, 240/7, 240/7-1, 240/7-2 241/4, 241/5, 241/6, /12-17, 241/12-2, 241/13- , 242/7, 242/8, 245/4,
Village	Aruvikkara	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	38.4	14:00	51.5	22:00	37.2
07:00	41.2	15:00	51.9	23:00	36.7
08:00	45.5	16:00	53.1	24:00	39.3
09:00	49.1	17:00	53.5	01:00	40.1
10:00	51.5	18:00	47.9	02:00	39.7
11:00	54.6	19:00	44.4	03:00	40.4
12:00	51.9	20:00	40.4	04:00	39.3
13:00	51.1	21:00	39.9	05:00	41.2

	TEST RESULTS				
S1. No.					
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	50.0		
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	39.7		

Remarks:

End of Report

Shency Joy Dy.TM-Chemical Checked by:

Laiju P.N. Laboratory Head Authorized Signatory

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Standard^S Environmental & Analytical Laboratories
Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board. K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43 Web: www.sealabs.in, E-mail: seaalab@gmail.com

Result of Noise



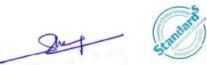
TEST REPORT

Test Report No: 20220614/R029	Date: 18-06-2022	Page 1 of 2

CUSTOMER DETAILS		
<i>a</i>	M/s Travancore Bluemetal Industries Pvt Ltd	
Customer Name &	Aruvikkara, Nedumangad,	
Address	Thiruvananthapuram District	
Customer Reference	Test Request dt: 14-06-2022	

	SAMPLE DETA	ILS	
Product Category	Water	Sample Code	20220614/R029
Sample Name	Open Well	Sample Received on	12-05-2022
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	7 °C
Sample Quantity& Packing	1L & 100ml Plastic Bottle	Test Commenced on	13-05-2022
Sampled by	Not Drawn by Laboratory	Test Completed on	14-05-2022
	SAMPLING SITE D	ETAILS	i e
Survey No	229/1, 229/13, 229/9, 229/9-1 234/8-2, 234/9-1, 238/12, 238 240/7-2, 240/8, 240/9, 240/10 241/5, 241/6, 241/7, 241/8, 2- 241/12-2, 241/13-1, 241/18, 2- 242/7, 242/8, 245/4, 245/5, 2- 231/1, 241/3, 245/7, 245/9, 2-	/13-2, 238/16-2, 238/17-2, , 240/11, 241/1-1, 241/1-2 11/8-1, 241/9-1, 241/10, 242/1, 242/4-2, 242/4-2, 245/6-1, 245/6-2	240/7, 240/7-1, , 241/2, 241/4, +1/12-16, 241/12-17, 4-3, 242/5, 242/6, 5/6-3, 245/6-4,
Village	Aruvikkara	Taluk	Nedumangad
District	Thiruvananthapuram	State	Kerala

	TEST RESULTS- CHEMICAL PARAMETERS					
S1. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012	
1	Colour	IS 3025 (Part 4):1983	Hazen	1.00	Max 5	
2	Odour	IS 3025 (Part 5):2018	(444)	Agreeable	Agreeable	
3	Turbidity	IS 3025 (Part 10):1984	NTU	0.6	Max 1	
4	pH	IS 3025 (Part 11):1983	(1222)	6.92	6.50 - 8.50	
5	Conductivity	IS 3025 (Part 14):1984	μS/cm	98.6		
6	Total Dissolved Solids	IS 3025 (Part 16):1984	mg/L	59.2	Max 500	



Shency Joy Dy.TM-Chemical Checked by



Microbiologist Authorized Signatory Comment of

Laboratory Head Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standard^S Environmental & Analytical Laboratories Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43 Web: www.sealabs.in, E-mail: seaalab@gmail.com



TEST REPORT

T . D N 00000614/D000	D 10 06 0000	D 0 00
Test Report No: 20220614/R029	Date: 18-06-2022	Page 2 of 2

TEST RESULTS- CHEMICAL PARAMETERS					
S1. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
7	Total Hardness as CaCO ₃	IS 3025 (Part 21):2009	mg/L	24.1	Max 200
8	Calcium as Ca	IS 3025 (Part 40):1991	mg/L	7.02	Max 75
9	Magnesium as Mg	IS 3025 (Part 46):1994	mg/L	1.59	Max 30
10	Chloride as Cl	IS 3025 (Part 32):1988	mg/L	11.4	Max 250
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23):1986	mg/L	13.0	Max 200
12	Iron as Fe	IS 3025 (Part 53):2003	mg/L	0.23	Max 1
13	Sulphate as SO ₄	IS 3025 (Part 24):1986	mg/L	1.86	Max 200

TEST RESULTS – BIOLOGICAL PARAMETERS						
S1. No.	PARAMETERS	RAMETERS TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012	
1	Total Coliform Bacteria	IS 15185: 2016		Absent/100 mL	Absent/100 mL	
2	E coli	IS 15185: 2016		Absent/100 mL	Absent/100 mL	

Remarks:

End of Report

Shency Joy Dy.TM-Chemical Checked by

Microbiologist Authorized Signatory

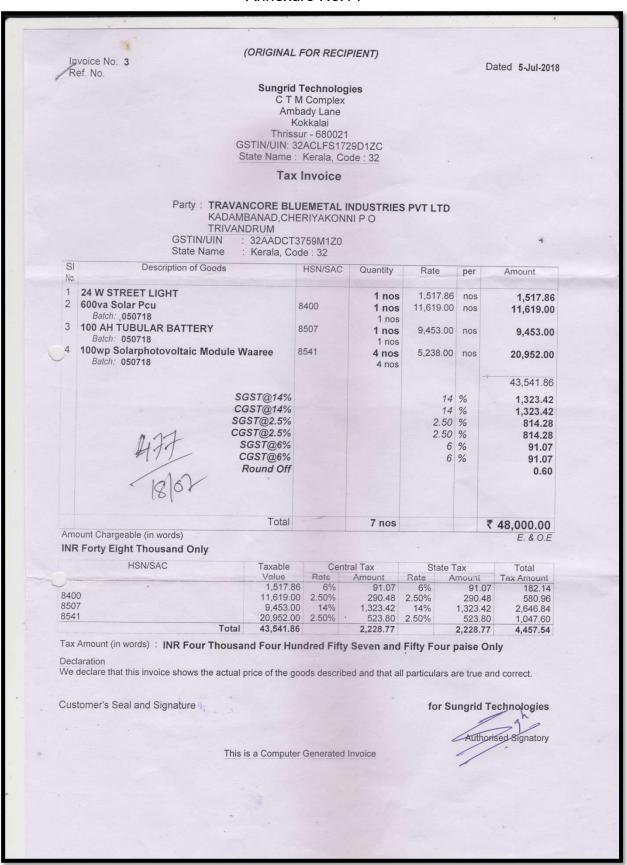
Laiju P.N. Laboratory Head Authorized Signatory

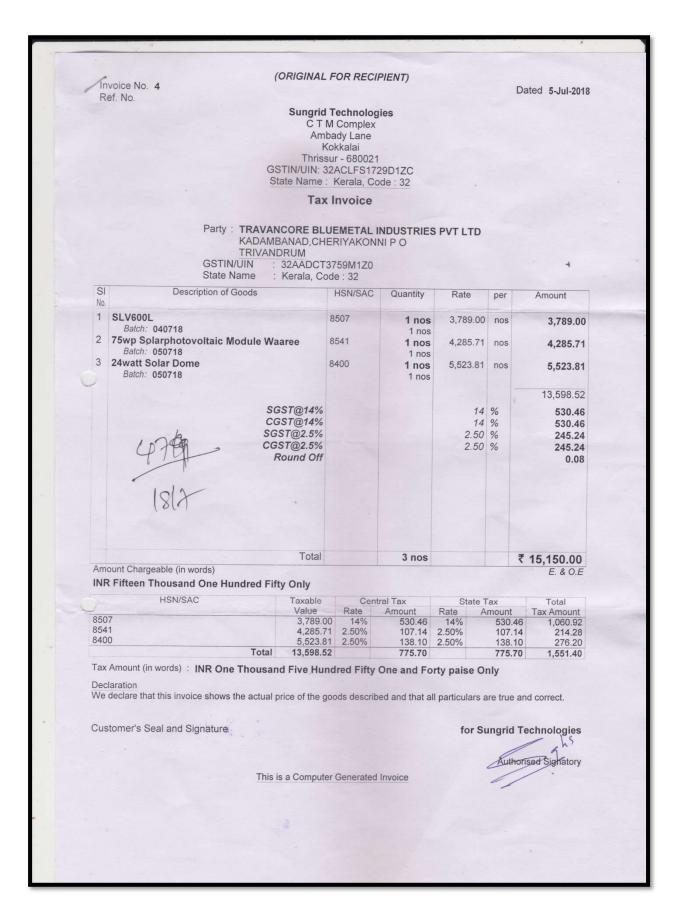
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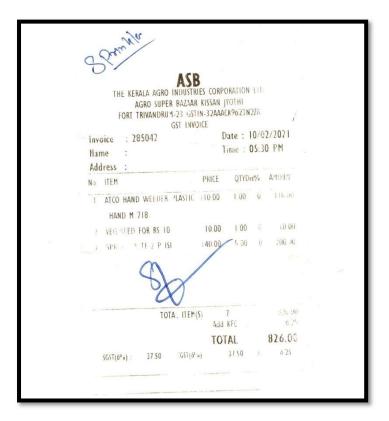
Result of Water

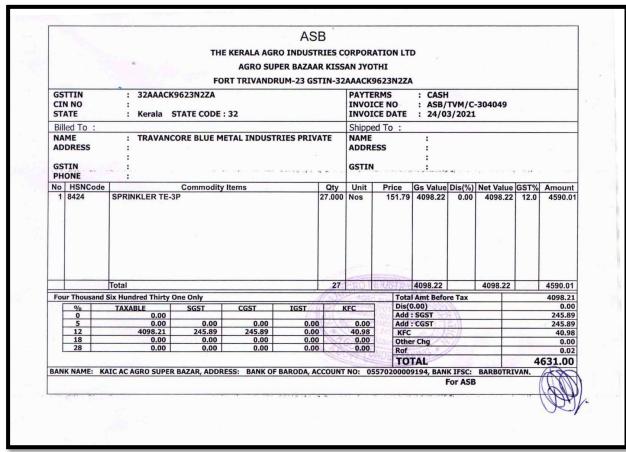
Annexure No.14





Bill of solar street lights





Sprinkler Bill

TRAVANCORE BLUE METAL INDUSTRIES (P) LTD

CHERIYAKONNI.P.O, TVM-695 013, KERALA TRIVANDRUM 695013

Ledger of CSR	EXPENSES From	01/04/2022 To	30/09/2022

Oate	Referanc	e Particulars	Debit	Credit Bala
01/04/2022	CP-3	CASH PAID TO ROBINSON MULAYARA (PATIENT) REC BY	200.00	200.00
07/04/2022	CP-152	CASH PAID TO ANI NILAMEL (PATIENT) REC BY BIJU SIR	500.00	700.00
09/04/2022	CP-249	CASH PAID TO KRISHNAPRASAD KADAMBANADU (PATIENT) REC BY SAIFUKKA	300.00	1,000.00
09/04/2022	CP-250	CASH PAID TO BABU PTP (SKIN PATIENT) REC BY BIJU SIR	200.00	1,200.00
09/04/2022	CP-268	CASH PAID TO KUTTAN IRAYANKODE(PATIENT)	300.00	1,500.00
09/04/2022	CP-278	CASH PAID TO MANOHARAN KADAMBADU (PATIENT) REC BY SAIFUKKA	500.00	2,000.00
09/04/2022	CP-302	CASH PAID TO SHAHIDA BHEEVI (CSR) REC BY BIJU SIR	300.00	2,300.0
11/04/2022	CP-419	CASH PAID TO DIKSON CHERIYAKKONNI (PATIENT) REC BY BIJU SIR	200.00	2,500.00
11/04/2022	CP-420	CASH PAID TO MURALI FOR HIS DAUGHTER MARRIAGE	1,000.00	3,500.0
11/04/2022	CP-438	CASH PAID TO JOY MOOZHI (LEG PATIENT) REC BY BIJU SIR	200.00	3,700.0
12/04/2022	CP-604	CASH PAID TO SREEDHARAN KADAMBANADU-PATIANT	200.00	3,900.0
12/04/2022	CP-696	CASH PAID TO SIVADAS ARYANAD(LEG PATIENT).REC BY BIJU SIR	500.00	4,400.0
13/04/2022	CP-753	CASH PAID TO SOMAN KACHANI(PATIENT),REC BY BIJU SIR	200.00	4,600.0
13/04/2022		CASH PAID TO AJEESH BABU KADAMBANDU (LEG PATIENT) REC BY BIJU SIR	250.00	4,850.0
14/04/2022	CP-985	CASH PAID TO THAMARAKSHI MAILOM-PATIANT	300.00	5,150.0
14/04/2022	CP-986	CASH PAID TO OMANA MAILOM-PATIANT	300.00	5,450.0
18/04/2022		CASH PAID TO IBRAHIM SECURITY FOR HIS MEDICAL EXPNESE	5,000.00	10,450.0
19/04/2022		CASH PAID TO VINCENT VELLANADU-PATIANT	300.00	10,750.0
19/04/2022		CASH PAID TO BEENAKUMARI FOR HER DAUGHTER MARRIAGE REC BY BIJU SIR	3,000.00	13,750.0
19/04/2022		CASH PAID TO ANIL THIRUMALA-PATIANT	200.00	13,950.0
19/04/2022		CASH PAID TO SYAMALA FOR MEDICAL EXPENSE	2,000.00	15,950.0
19/04/2022 20/04/2022		CASH PAID TO BHARAGAVA PANICKER FOR MEDICAL EXPENSE THRU VINOD	5,000.00	20,950.0 21,250.0
20/04/2022	CP-1550	CASH PAID TO SOBHANA KULAVIKKODE (CANCER PATIENT) REC BY BIJU SIR	300.00	21,200.0
21/04/2022	CP-1697	CASH PAID TO AMBIKA(PATIENT), REC BY BIJU SIR, 21/04/2022	300.00	21,550.0
23/04/2022	CP-1941	CASH PAID TO BABU NEDUMANGADU-PATIANT	300.00	21,850.0
23/04/2022	CP-1983	CASH PAID TO LAMRATH CHERUVALAM - PATIENT. REC; BY SAIFUKKA	200.00	22,050.0
23/04/2022	CP-1984	CASHPAID TO SREEDEVI- ARUVIKKARA- PAAITENT-	300.00	22,350.0
26/04/2022		CASH PAID TO THANKARAJ ARYANAD(PATIENT),REC BY BIJU SIR	500.00	22,850.0
28/04/2022		CASH PAID TO SURENDRAN KADAMBANAD FOR HIS MEDICAL TREATMENT,REC BY BIJU SIR	2,000.00	24,850.0
29/04/2022		CASH PAID TO RADHAKRISHNAN S,MYLOM,(CANCER PATIENT), REC BY BIJU SIR	300.00	25,150.0
29/04/2022	CP-2523	CASH PAID TO BRAIN TUMOR PATIANT RAJJESH REC BY SAIFUKKA	1,500.00	26,650.0
29/04/2022	CP-2606	CASH PAID TO KUNJUMON(PATIENT), RECBY BIJU SIR	300.00	26,950.0
30/04/2022	CP-2641	CASH PAID TO JAYAN KOOVACODE FOR HIS CHILDREN REC BY BIJU SIR	1,000.00	27,950.0
02/05/2022	CP-2755	CASH PAID TO MANOHARAN KADAMBANADU (PATIENT) REC BY SAIFUKKA	500.00	28,450.0

Ledger of CSR EXPENSES From 01/04/2022 To 30/09/2022

02/05/2022	CD-2758	Particulars CASH DAID TO KRISHNARDASAD KADAMBANADH (PATIENT)	Debit 300.00	Credit Balar 28,750.00
02/03/2022	CF-2736	CASH PAID TO KRISHNAPRASAD KADAMBANADU (PATIENT) REC BY SAIFUKKA	300.00	20,730.00
02/05/2022	CP-2797	CASH PAID TO VINCENT VELLANADU-PATIANT	300.00	29,050.00
02/05/2022	CP-2810	CASH PAID TO ANIL THIRUMALA (SKIN PATIENT) REC BY BIJU SIR	200.00	29,250.00
02/05/2022	CP-2842	CASH PAID TO SIVADAS ARYANAD(LEG PATIENT),REC BY BIJU SIR	500.00	29,750.00
02/05/2022	CP-2849	CASH PAID TO KUTTAN ERAYAMKKODE (PATIENT) REC BY SAIFUKKA	300.00	30,050.00
02/05/2022	CP-2877	CASH PAID TO ROBINSON MULAYARA (PATIENT) REC BY BIJU SIR	200.00	30,250.00
04/05/2022	CP-2991	CASH PAID TO SHAHID HABEEB CHULLIMANOOR-PATIANT	200.00	30,450.00
05/05/2022	CP-3038	CASH PAID TO SREEDHARAN KADAMBANADU-PATIANT	200.00	30,650.00
05/05/2022	CP-3068	DONATION PAID TO DYFI KADAMBANADU PRAVARTHANA FUND	1,500.00	32,150.00
06/05/2022	CP-3132	CASH PAID TO JOY MOOZHI (LEG PATIENT) REC BY BIJU SIR	200.00	32,350.00
06/05/2022	CP-3178	CASH PAID TO KRISHNAPILLA KALAMANOOR (CANCER PATIENT) REC BY SAIFUKKA	2,000.00	34,350.00
06/05/2022	CP-3180	CASH PAID TO SNEHA SADANAM NJANDOORKONAM REC BY BIJU SIR	500.00	34,850.00
10/05/2022	CP-3443	CASH PAID TO DAVID, VAZHAYILA, REC BY BIJU SIR	300.00	35,150.00
10/05/2022	CP-3444	CASH PAID TO SINDHU SAJI(KIDNEY PATIENT), REC BY BIJU SIR	500.00	35,650.00
11/05/2022	CP-3524	CASH PAID TO LAMBRATH(PATIENT)REC BY BIJU SIR	200.00	35,850.00
11/05/2022	CP-3560	CASH PAID TO DICKSON CHERIYAKKONNI (PATIENT) REC BY BIJU SIR	200.00	36,050.00
11/05/2022	CP-3632	CASH PAID TO SREEJU FOR KARIYAMKULAM SCHOOL GATE WORK REC BY SAIFUKKA	7,000.00	43,050.00
12/05/2022	CP-3637	CASH PAID TO SASI,BALAMMA(PATIENT),REC BY BIJU SIR	200.00	43,250.00
12/05/2022	CP-3652	CASH PAID TO BIJU KATTAKKADA (CANCER PATIENT) SABU C' S COUSIN REC BY BIJU SIR	5,000.00	48,250.00
12/05/2022	CP-3691	PURCHASE OF ROUND INCHES, TOWER BOLT, POOT PIECE, ETC	1,100.00	49,350.00
12/05/2022	CP-3702	KARIYAMKULAM SCHOOL REC BY SAIFUKKA CASH PAID TO ANI NALAMEL (PATIENT) REC BY BIJU SIR	500.00	49,850.00
12/05/2022	GV-61	PURCHASE OF TMT,MS WIRE TEC GOR KADAMBANADU LP	2,978.14	52,828.14
14/05/2022	CP-3863	SCHOOL MAINTANACE WORK BILL NO-314 CASH PAID TO RAUNA (PATIENT) REC BY BIJU SIR	200.00	53,028.14
14/05/2022		CASH PAID TO YUVAVEDI CHARITABLE SOCIETY	500.00	53,528.14
14,03,2022	Ci 3004	BALARAMAPPURAM REC BY BIJU SIR	300.00	00,020.1
14/05/2022	CP-3907	CASH PAID TO SOMAN,MAILOM AND SOUMYA FOR ACCIDENT TREARTMENT,REC BY BIJU SIR	3,000.00	56,528.14
18/05/2022	CP-4044	GATE MAKING CHG PAID TO GOVT LP SCHOOL KADAMBANADU REC BY SAIFUKKA	8,300.00	64,828.14
19/05/2022	CP-4054	GATE MAKING CHG PAID TO GOVT LP SCHOOL	6,000.00	70,828.14
24/05/2022	CP-4184	KADAMBANADU REC BY SAIFUKKA CASH P[AID TO THANKARAJ (PATIENT) REC BY BIJU SIR	500.00	71,328.14
24/05/2022	CP-4254	CASH PAID TO SREEDHARAN KADAMBANAD REC BY BIJU	400.00	71,728.1
24/05/2022	CP-4307	SIR CASH PAID TO GOVT. LP SCHOOL KADAMBANADU GATE	6,000.00	77,728.1
25/05/2022	CP-4325	WORK CASP PAID TO SREEDEVI ARUVIKARA PATIENT	300.00	78,028.1
26/05/2022		PURCHASE OF BRICKS FOR KARIYAMKULAM SCHOOL WORK	1,800.00	79,828.14
26/05/2022		BHAGAVATHIPURAM CSR PAID TO JOY VEMBAYAM HEART PATIENT	300.00	80,128.1
26/05/2022		FOR SCHOOL RENOVATION WORK BILL NO-2271	6,660.00	86,788.1
28/05/2022		CASH PAID TO KARUNYA DEEPAM CHARITBALE SOCIETY	500.00	87,288.1
,,,	CP-4717	CASH PAID TO BHASKARAN NAIR KADAMBANADU-PATIANT	200.00	87,488.1

Ledger of CSR EXPENSES From 01/04/2022 To 30/09/2022

D-4-	Doforano			CF4
Date	Referance			Credit Balance
31/05/2022	BP-215	CHEQUE PAID TO GOVT. LPS SCHOOL ARUVIKKARA FOR	5,000.00	92,488.14 Dr
21/0E/2022	CD 4034	BIRIYANI CHALLENGE Cheque No. #428801 Dated 31/05/2022 CASH PAID TO SOMAN KACHANI (PATIENT) REC BY BIJU SIR	200.00	92,688.14 Dr
31/05/2022	CP-4824	CASH FAID TO SOMAN RACHANI (FATIENT) REC BT BIJO SIR	200.00	92,000.14 DI
31/05/2022	GV-131	PURCHASE OF GP PIPE, WELDING ROD, GRAINTING WHEEL TEC FOR LP SCHOOL GATE WORK BILL NO-827	9,725.38	102,413.52 Dr
01/06/2022	CP-4907	CASH PAID TO KRISHNAPRASAD KADAMBANADU (PATIENT)	300.00	102,713.52 Dr
01/06/2022	CP-4908	REC BY SAIFUKKA CASH PAID TO SHAHID HABEEB CHULLIMANOOR-PATIANT	200.00	102,913.52 Dr
01/06/2022	CP-4909	CASH PAID TO SIVADAS ARYANAD(LEG PATIENT), REC BY	500.00	103,413.52 Dr
01/06/2022	CP-4912	BIJU SIR CASH PAID TO RAJESH MULAYARA CANCER PATIANT	1,000.00	104,413.52 Dr
01/06/2022	CP-4960	CASH PAID TO PUNARJANI JANASEVAKENDRAM	500.00	104,913.52 Dr
		BALARAMPPURAM REC BY SAIFUKKA		
01/06/2022	CP-4983	CASH PAID TO SREEJU TRESS WORK FOR GOVT.LP SCHOOL GATE LABOUR WORK	4,500.00	109,413.52 Dr
02/06/2022	CP-5016	CASH PAID TO SIVADAS ARYANADU (PATIENT) REC BY BIJU SIR	300.00	109,713.52 Dr
02/06/2022	CP-5019	CASH PAID TO THANAL MATHA CHARITABLE SOCIETY	500.00	110,213.52 Dr
02/06/2022	CP-5020	CASH PAID TO ANIL THIRUMALA PATIANT	200.00	110,413.52 Dr
02/06/2022	CP-5021	CASH PAID TO ROBINSON MULAYARA (PATIENT) REC BY	200.00	110,613.52 Dr
02/06/2022	CP-5054	BIJU SIR CASH PAID TO KUTTAN IRAYAMKKODE (PATIENT) REC BY	300.00	110,913.52 Dr
03/06/2022	CD-E090	BIJU SIR CASH PAID TO SINDHU CHULLIMANOOR (KIDNEY PATIENT)	500.00	111,413.52 Dr
		REC BY BIJU SIR	500.00	
03/06/2022	CP-5081	CASH PAID TO MANOHARAN KADAMBANADU (PATIENT) REC BY SAIFUKKA	500.00	111,913.52 Dr
03/06/2022	CP-5082	CASH PAID TO SREEDHARAN KADAMBANADU REC BY BIJU SIR	300.00	112,213.52 Dr
04/06/2022	CP-5263	CASH PAID FOR VIDYABHYASA SUSROOSHA SAMITHY	2,000.00	114,213.52 Dr
07/06/2022	CP-5411	MAILOM REC BY SAIFUKKA CASH PAID TO MOHANAN MADATHARA-PATIANT	200.00	114,413.52 Dr
07/06/2022	CP-5448	CASH PAID TO DIKSON, CHERIYAKONNI (PATIENT), REC BY BIJU	200.00	114,613.52 Dr
08/06/2022	CP-5510	SIR CASH PAID TO JOY MOOZHI LEG PATIENT REC BY BIJU SIR	200.00	114,813.52 Dr
08/06/2022	CP-5540	CASH PAID TO SOBHA L, VEMBANOOR (BORN CANCER	3,000.00	117,813.52 Dr
09/06/2022	CP-5611	PATIENT),REC BY BIJU SIR,08/06/2022 CASH PAID TO RADHAKRISHNAN CANCER PATIANT	500.00	118,313.52 Dr
10/06/2022		CASHPAID TO SREEDEVI- ARUVIKKARA- PATIANT	300.00	118,613.52 Dr
10/06/2022		PURCHASE OF TILES AND PAINT FOR KARIYAMKULAM	7,513.00	126,126.52 Dr
		SCHOOL MAINTANANCE WORK		404 400 50 5
10/06/2022	CP-5823	WAGES PAID FOR KARIYAMKULAM SCHOOL MAINTANANCE WORK RS.1000/-*8NOS	8,000.00	134,126.52 Dr
11/06/2022	CP-5910	WAGES TO MAISSON WORKERS FOR KARIYAMKULAM SCHOOL MAINTENANCE WORK (1200 X 8)	9,600.00	143,726.52 Dr
11/06/2022	CP-5932	WAGES TO KUMAR, SANAL FOR KARYAMKULAM SCHOOL	2,600.00	146,326.52 Dr
13/06/2022	BP-269	PAINTING WORK (1300 X 2) CHEQUE PAID TO DUFI MAILOM UNIT PADANOTSAVAM	5,000.00	151,326.52 Dr
13/06/2022	CD FOOO	Cheque No.#428836 Dated 13/06/2022 CASH PAID FOR KADAMBANADU THODU CLEANING WORK	7.500.00	158,826.52 Dr
Userwood, testes and a		CASH PAID TO ANI NILAMEL-PATIANT	7,500.00	159,326.52 Di
13/06/2022 13/06/2022		WAGES FOR MAISSON & TILE WORKERS PAID FOR	500.00 9,400.00	168,726.52 Dr
		KARIYAMKULAM SCHOOL MAINTENANCE WORK		
15/06/2022	CP-6105	CASH PAID TO DAVID VAZHAYILA (PATIENT) REC BY BIJU SIR	500.00	169,226.52 Dr
16/06/2022	CP-6192	CASH PAID TO THANKARAJ ARYANADU (PATIENT) REC BY	500.00	169,726.52 Dr
18/06/2022	CP-6421	BIJU SIR CASH PAID TO BABU PTP (SKIN PATIENT) REC BY BIJU SIR	200.00	169,926.52 Dr

Ledger of CSR EXPENSES From 01/04/2022 To 30/09/2022

ate	Referanc	- Turkedidio	Debit	Credit Balanc
09/07/2022	CP-8639	CASH PAID TO RAJENDRAN K,ARYABHAVAN VELLANAD FOR HIS OPERATION,REC BY BIJU SIR	1,000.00	234,767.13 [
1/07/2022	CP-8722	CASH PAID TO DYFI MULLALAVINMOODU UNIT FOR PADANOTSAVAM	2,000.00	236,767.13 [
2/07/2022	BP-447	CHEQUE PAID TO DYFI KATHALOORMUTTAM UNIT FOR PADANOTSAVAM Cheque No.#604633 Dated 12/07/2022	3,000.00	239,767.13 [
3/07/2022	CP-8936	CASH PAID TO RAJENDRAN R,MANNOORKONAM(CANCER PATIENT),REC BY SAIFUKKA	1,000.00	240,767.13 [
3/07/2022	CP-8989	CASH PAID TO SNEHA SADANAM,NJANDOORKONAM,REC BY BIJU SIR	500.00	241,267.13 [
4/07/2022	CP-9062	CASH PAID TO ROBINSON MULAYARA (PATIENT)	200.00	241,467.13 [
5/07/2022	CP-9218	CASH PAID TO AJEESH BABU(PATIENT) KADAMBANAD,REC BY BIJU SIR	250.00	241,717.13 [
5/07/2022	CP-9331	CASH PAID TO DYFI BHAGAVATHIPURAM UNIT FOR PADANOLSAVAM,REC NO:206,REC BY BIJU SIR	2,000.00	243,717.13 [
8/07/2022	BP-449	CHEQUE PAID TO VIJAYAKUMAR B CANCER PATIANT Cheque No.#604647 Dated 18/07/2022	5,000.00	248,717.13
8/07/2022	CP-9488	CASH PAID TO DAVID VATTAPPARA(PATIENT),REC BY BIJU SIR	300.00	249,017.13
1/07/2022	CP-9822	CASH PAID TO ROWDA NEDUMANGADU-PATIANT	100.00	249,117.13
1/07/2022	CP-9824	CASH PAID TO SREEDEVI ARUVIKKARA (PATIENT) REC BY BIJU SIR	300.00	249,417.13 I
1/07/2022	CP-9827	CASH PAID TO THANKARAJ ARYANADU (PATIENT) REC; BY BIJU. SIR.	500.00	249,917.13
2/07/2022	BP-454	CHEQUE PAID TO DYFI VEMBANNUR UNIT FOR PADANOTSAVAM-2022 Cheque No.#518822 Dated 22/07/2022	8,000.00	257,917.13
3/07/2022	CP-10038	CASH PAID TO ARYA KADAMBANADU (PATIENT) REC BY SAIFUKKA	500.00	258,417.13
5/07/2022	CP-10187	CASH PAID TO RAJESH MULAYARA CANCER PATIENT REC BY BIJU SIR	300.00	258,717.13
5/07/2022	CP-10188	CASH PAID TO LAMBRATH (PATIENT) REC BY BIJU SIR	200.00	258,917.13
7/07/2022	CP-10444	CASH PAID TO VINOD KADAMBANADU FOR HIS NEIGHBOURS FUNERAL REC BY SAIFUKKA	1,500.00	260,417.13
3/07/2022	CP-10470	CASH PAID TO RADHAKRISHNAN CHERIYAKKONNI (PATIENT) REC BY BIJU SIR	200.00	260,617.13
8/07/2022	CP-10537	CASH PAID TO KUTTAPPAN KADAMBANADU (PATIENT) REC BY BIJU ISR	1,500.00	262,117.13
0/07/2022	CP-10677	CASH PAID TO BHASKARAN NAIR KADAMBANADU (PATIENT) REC BY BIJU SIR	200.00	262,317.13
0/07/2022	CP-10678	CASH PAID TO MUHAMMAD SALIM(PATIENT),ARYANAD,REC BY BIJU SIR	200.00	262,517.13
0/07/2022	CP-10684	CASH PAID TO BABU PTP (SKIN PATIENT) REC BY BIJU SIR	200.00	262,717.13
1/08/2022	CP-10788	CASH PAID TO KRISHNAPRASAD KADAMBANADU (PATIENT) REC BY SAIFUKKA	300.00	263,017.13
1/08/2022	CP-10789	CASH PAID TO MANOHARAN KADAMBANADU (PATIENT) REC BY SAIFUKKA	500.00	263,517.13
1/08/2022	CP-10790	CASH PAID TO SREEDHARAN KADAMBANADU (PATIENT) REC BY BIJU SIR	300.00	263,817.13
1/08/2022	CP-10792	CASH PAID TO SREEDHARAN NAIR MANAMBOOR (PATIENT) REC BY SAIFUKKA	2,000.00	265,817.13
1/08/2022	CP-10821	CASH PAID TO JOY MOOZHINADA (LEG PATIENT) REC BY BIJU SIR	200.00	266,017.13
1/08/2022	CP-10826	CASH PAID TO ROBINSON MULAYARA(PATIENT), REC BY BIJU SIR	200.00	266,217.13
1/08/2022	CP-10827	CASH PAID TO SIVADAS ARYANADU (PATIENT) REC BY BIJU SIR	500.00	266,717.13
4/08/2022	CP-10948	CASH PAID TO SOBHANADAS FOR HIS FATHERS TREATMENT REC BY BIJU SIR	5,000.00	271,717.13
6/08/2022	BP-577	CHEQUE PAID TO CPI KADAMBANADU PADANOTSAVAM/2022	5,000.00	276,717.13
10/10/2022	CP-11011	Cheque No.#45400 Dated 06/08/2022 CASH PAID TO VINCENT VELLANADU (PATIENT) REC BY BIJU	300.00	277,017.13

ı	edger	of	CSR	EXPENSES	From	01/04/2022	To	30/09/2022
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08/08/2022	CP-11085	Particulars CASH PAID TO ANIL THIRUMALA(SKIN PATIENT),08/08/2022	Debit 200.00	Credit Balance 277,217.13 Dr
10/08/2022	BP-547	CHEQUE PPAID TO BJP KADAMBANADU FOR PADANOTSAVAM Cheque No.#1008 Dated 10/08/2022	8,000.00	285,217.13 Dr
10/08/2022	CP-11217	CASH PAID TO SINDHU CHULLIMANOOR (KIDNEY PATIENT) REC BY BIJU SIR	500.00	285,717.13 Dr
10/08/2022	CP-11221	CASH PAID TO DICKSON CHERIYAKKONNI (PATIENT) REC BY BIJU SIR	200.00	285,917.13 Dr
10/08/2022	CP-11223	CASH PAID TO CHRISTEPHER, MAILAMOODU (HEART PATIENT) THRO: BABURAJ, REC BY BIJU SIR	3,000.00	288,917.13 Dr
12/08/2022	CP-11529	CASH PAID TO SREEKUMAR KADAMBANADU (PATIENT) REC BY SAIFUKKA	500.00	289,417.13 Dr
12/08/2022	CP-11542	CASH PAID TO SREEDEVI ARUVIKKARA (PATIENT) REC BY BIJU SIR	300.00	289,717.13 Dr
12/08/2022	CP-11543	CASH PAID TO ABDHUL MAJEED ARYANAD FOR HIS MEDICAL TREATMENT,REC BY SAIFUKKA	2,000.00	291,717.13 Dr
13/08/2022	CP-11613	CASH PAID TO SASI KARIPPOOR (PATIENT) REC BY BIJU SIR	200.00	291,917.13 Dr
13/08/2022	CP-11615	CASH PAID TO KUTTAN IRAYAMKKODE (PATIENT) REC BY BIJU SIR	300.00	292,217.13 Dr
13/08/2022	CP-11616	CASH PAID TO AMBIKA VALLICHIRA (PATIENT) REC BY BIJU SIR	500.00	292,717.13 Dr
13/08/2022	CP-11618	CASH PAID TO ANI NILAMEL (PATIENT) REC BY BIJU SIR	500.00	293,217.13 Dr
16/08/2022	CP-11854	CASH PAID TO LAMBRATH (PATIENT) REC BY BIJU SIR	200.00	293,417.13 Dr
16/08/2022	CP-11860	CASH PAID TO THANKARAJ ARYANADU (PATIENT) REC BY BIJU SIR	500.00	293,917.13 Dr
17/08/2022	CP-12045	CASH PAID TO MANIKANDAN (NEIGHBOUR) REC BY SAIFUKKA	500.00	294,417.13 Dr
18/08/2022	CP-12048	CASH PAID TO RADHAKRISHNAN S MAILOM (CANCER PATIENT) REC BY BIJU SIR	300.00	294,717.13 Dr
18/08/2022		CASH PAID TO SURESHKUMAR MAILAMMOODU FOR HIS DAUGHTER'S MARRIAGE REC BY SAIFUKKA	3,000.00	297,717.13 Dr
18/08/2022		CASH PAID TO SURESH.S ARUVIKKARA(CANCER PATIENT),REC BY BIJU SIR	2,000.00	299,717.13 Dr
22/08/2022		CASH PAID TO ARUVIKKARA LP SCHOOL FOR UCHA BHASHANAM	2,000.00	301,717.13 Dr
24/08/2022		CASH PAID TO RADHAKRISHNAN CHERIYAKKONNI (PATIENT) REC BY BIJU SIR	200.00	301,917.13 Dr
26/08/2022		CASH PAID TO DAVID VAZHAYILA (PATIENT) REC BY BIJU SIR	300.00 7,000.00	302,217.13 Dr 309,217.13 Dr
02/09/2022	BP-001	CHEQUE PAID TO URAVU KALA KAYIKA SAMSKARIKA VEDI & GRANDHASALA KOTTOOR Cheque No.#0209 Dated 02/09/2022	7,000.00	303,217.10 DE
02/09/2022	CP-12982	CASH PAID TO ROBINSON MULAYARA (PATIENT) REC BY BIJI SIR	200.00	309,417.13 Dr
03/09/2022	CP-13026	CASH PAID TO SHAJITHA M FOR HIS DAUGHTER MARRIGE,01/09/2022	10,000.00	319,417.13 Dr
05/09/2022		CASH PAID AJEESH BABU KADAMBANAD (LEG PATIENT) REC BY SAIFUKKA	250.00	319,667.13 Dr
06/09/2022	BP-597	CHEQUE PAID TO AKSHARA SUPERMARKET FOR ONAM KIT FOR NEIGHBOURS Cheque No.#540496 Dated 16/09/2022	124,303.00	443,970.13 Dr
07/09/2022	CP-13138	PURCHASE OF ONAM KIT - FROM AMINA STORE. (FOR BASHEERKKA- C/O IQBALKKA) THROUGH ROBIN. SEPT/7/2022.	1,650.00	445,620.13 Dr
17/09/2022	CP-13194	PURCHASE OF ONAM KIT C/O BIJU SIR THROUGH SABU R (1945 X 3)	5,835.00	451,455.13 Dr
17/09/2022	CP-13206	PURCHASE OF PAVIZHAM RICE (15 KG) REC BY IQBAL SIR	900.00	452,355.13 Dr
		Total	452,355.13	

Closing Balance

452355.13 Dr

CSR Details

Printed on: 08/12/2022 3:00 pm

Page

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By:

GOVERNMENT OF KERALA

Date 08/07/2022 **Time** 16:08:37 PM Validity upto 07/01/2023



Certificate SL. No. KL02100010007334

Registration No. KL21F9192 Date of Registration 22/Dec/2012 Month & Year of Manufacturing June-2012

Valid Mobile Number *****4545 **Emission Norms**

BHARAT STAGE III 7 DIESEL

PUC Code KL0210001 **GSTIN**

Fees Rs.150.00

(GST to be paid extra as applicable) MIL observation

Vehicle Photo with Registration plate 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
dling Emissions	Carbon Monoxide (CO)	percentage (%)		
Iding Linissions	Hydrocarbon, (THC/HC)	ppm		
	СО	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.88

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://vahan.parivahan.gov.in

Authorised Signature with stamp of PUC operator 60mm x 20 mm

Copy of PUC Certificate

VELLANAD