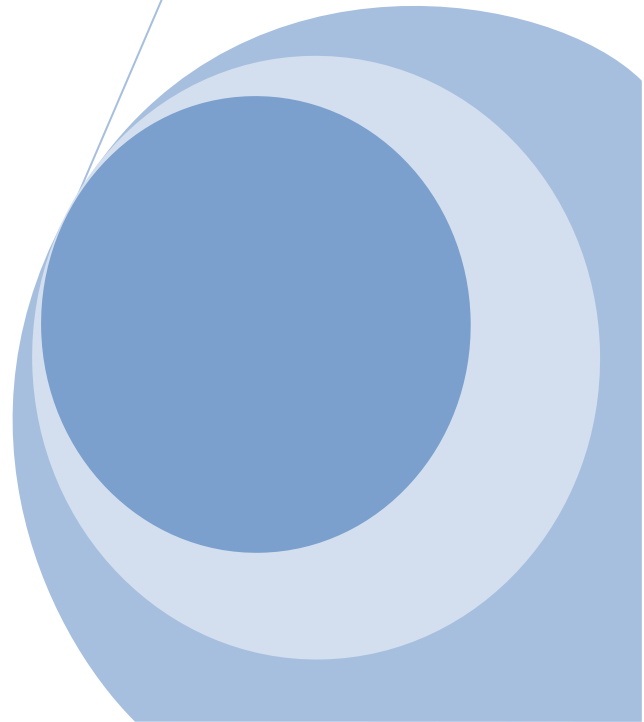


# COMPLIANCE REPORT

October 2018 - March 2019

M/s Travancore Blue Metal  
Industries (P) Ltd

*Thiruvananthapuram District  
Kerala*





Kadambanad, Cheriyaconni.P.O.  
Thiruvananthapuram-695 013  
Phone: 0472 2888 080, 2888 050, 2888 030  
E-mail: travancorebluemetal@gmail.com

Dt.11-07-2019

**The Additional Principal Chief Conservator of Forests (C)**  
Ministry of Environment, Forests & Climate Change,  
4<sup>th</sup> 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 2018 – March 2019) 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.

Encl: - As Above



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 Second half to the specific conditions and general conditions of the Environmental Clearance order for the period of **October 2018 – March 2019** is being submitted.

**COMPLIANCE REPORT**

**(SPECIFIC CONDITIONS)**

**PART A**

**PART - A – SPECIFIC CONDITIONS**

01	<b>Steep cliff like feature may be demarcated and fenced as danger zones with sign boards.</b>	<b>complied</b>
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**Compliance:**

The project proponent has demarcated by fencing on the top of steep cliff like feature in the mining area. Sign board is also installed to know it is a danger zone. This will be maintained in the project area.

02	<b>Storm water drainage from the upper part must be channelized 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 be side of the approach road.</b>	<b>complied</b>
----	--	-----------------

**Compliance:**

As part of storm water management, the project proponent has been constructing well defined drainages to channelize all surface runoff in to the rain water harvesting pond in the project site. The de-siltation chamber is being provided to remove sediments from the storm water. At present the project proponent has been storing maximum possible rain water in to the constructed pond.

03	<b>The rain water structure should be provided.</b>	<b>Complied</b>
----	---	-----------------

**Compliance:**

To collect rain water from the entire mining area, the proponent has developed two rain water harvesting pond in the project area. The storm water flow is leading to the pond through constructed and natural drainages. The stored rain water is using for gardening & agriculture, wetting of roads, and other domestic purposes. The photograph of the pond is attached as Plate **No.1**.



**COMPLIANCE REPORT**

**(GENERAL CONDITIONS)**

**PART B**

**PART – B – GENERAL CONDITIONS**

<b>01</b>	Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified.	<b>Complied</b>
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**Compliance:**

To collect rain water from the entire project land, the proponent has developed two rain water harvesting pond in the quarrying area. The pond is developed from mined quarry pit. The pond is situated in the lowest level of project site. The surface runoff is canalized to the pond through garland drains. The water from pond is mainly used for watering of plants, wetting of roads and sprinkler system for contain dust emission. The photograph of Rain water collection pond is provided in **Plate No. 1**

<b>02</b>	Environment Monitoring Cell (EMC) as agreed under the affidavit filed by the proponent should be formed and made functional.	<b>Complied</b>
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**Compliance:**

The Environmental Monitoring Cell (EMC) will be formed with Mr Mr. Biju varghese as head of the monitoring cell. The EMC meeting will convene regularly to evaluate and monitor quarrying work in connection with the specific and general conditions stipulated in the Environmental Clearance (EC) order. The details of the monitoring cell are given below **Table No. 1**

**Table 1 - Environmental Monitoring Cell (EMC)**

<b>Sl. No.</b>	<b>Post</b>	<b>Name</b>
1.	Head of monitoring cell (proprietor)	Biju varghese
2.	Member	Saifudheen P Y
3.	Member	Vijayakumar K
4.	Member	Environmental Engineers and consultants Pvt. Ltd.

<b>03</b>	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.	<b>Complied</b>
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**Compliance:**

To enrich vegetation and prevent air pollution, the project proponent has planted many saplings either side of the roads, parking area and other areas in the project land. There are natural vegetations including trees, shrubs, herbs and climbers also present. The bill purchased against plants is provided as **Annexure No.1**. The photographs of avenue trees planted in the road side are given in **Plate No. 2**.

<b>04</b>	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	<b>Complied</b>
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**Compliance:**

The project has installed 2 solar street lights; and can feed 1 CFL and fan at security cabin to use maximum renewable energy to reduce electrical consumption from KSEB. As part of this, the project proponent could reduce the use of energy from conventional sources. The purchasing bill of solar is given in **Annexure No. 15**.

<b>05</b>	Sprinklers shall be installed and used in the project site to contain dust emissions.	<b>Complied</b>
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**Compliance:**

To prevent dust emissions from the road while transportation of materials, the project is splashing water on roads. The sprinklers are also installed in the critical area to reduce the dust emission. There is sufficient water in the rain water harvesting ponds for the purpose. The monitoring of the air quality through a State Pollution Control Board accredited laboratory helps the project proponent to maintain the air quality within the permissible limit.

<b>06</b>	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	<b>Noted</b>
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**Compliance:**

As part of eco restoration, the project started to plant various saplings within the project area. The mine closure plan will be done at own cost of project proponent as agreed in the proposal.

<b>07</b>	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be 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.	<b>Will be complied</b>
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**Compliance:**

The project is intending to retain 10 percent of total excavated pit as rain water storage area after closure of the mine. 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.

<b>08</b>	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	<b>Complied</b>
-----------	---	-----------------

**Compliance:**

The activities under Corporate Social Responsibility (CSR) activities are executed in the sectors of Health and education. The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. The details of CSR provided in the period of second half is mentioned in the **Table No.2**. The Copy of Receipts/ bills are attached as **Annexure No. 14**

**Table No.2 – CSR Details**

<b>Sectors</b>	<b>Activities</b>	<b>Beneficiaries</b>	<b>Amount spent in Rs.</b>
<b>Health</b>	Donation	Bharathan Karakulam	1200
	Donation	Joy Moozhinada	1200

	Donation	Binu	<b>250</b>
	Donation	Radhakrishnan Moozhinada	1400
	Donation	Sadanathan Pachamal	<b>1200</b>
	Donation	Vincent Vellanadu	<b>1400</b>
	Donation	Soman Kachani	<b>1000</b>
	Donation	Ambika	<b>750</b>
	Donation	Murukhan Nedumangad	<b>200</b>
	Donation	Radhakrishnan Mailom	<b>200</b>
	Donation	Ani Nilamel	<b>600</b>
	Donation	Radha Kaambanadu	<b>200</b>
	Donation	Divakaran	<b>10000</b>
	Donation	Velayudhan Pillai	1400
	Donation	Robinson Mulayara	1250
	Donation	Lalithammal	1200
	Donation	Sureshkumar Kuthirakalam	750
	Donation	Reji	6000
	Donation	Gabriel Cheriyaakkoni	200
	Donation	Bharathan Mullasery	600
	Donation	Lambarth Kallara	600
	Donation	Kunjumon Mailom	200
	Donation	Gopi	250
	Donation	Santhosh Moozhinada	500
	Donation	Sheela Vellanad	1000
	Donation	Chandran Vathiyurkkavu	200
	Donation	Anil Pappanamkodu	200
	Donation	Sureshkumar Kuthirakulam	1000
	Donation	Anil Thirumala	1000
	Donation	Balamma Nedumangad	900
	Donation	Thankappan	400
	Donation	Sasidhran	500
	Donation	Babu, Peroorkkada	250
	Donation	Gopakumar ,Irinjayam	1000

	Donation	Chandran Mulayara	600
	Donation	Thampi	900
	Donation	Mohanan Kaambanadu	5000
	Donation	Radhakrishnan, Cheriyaconi	450
	Donation	Anilkumar Jagathy	200
	Donation	Jayan Kaambanadu	200
	Donation	Mohanan	2000
	Donation	Santha Kaambanadu	500
	Donation	Chinna Raja	200
	Donation	David Kachani	200
	Donation	Ayoob Mundela	500
	Donation	Ajith Kaambanadu	5000
	Donation	Sree Devi	500
	Donation	Soman Nair	5000
	Donation	Viswambaran Aruvikkara	5000
	Donation	Manoj Sreevarsham	100
	Donation	Sindhu	3000
	Donation	Ani Konichira	300
	Donation	Mohanan Vembanoor	3000
	Donation	Surendran Kadambanadu	5000
	Donation	Surendran,Cherukulam	300
	Donation	Santha Mulayara	600
	Donation	Madhu Mailom	1000
	Donation	Babu Nettayam	200
	Donation	Bharathan Mukkola	200
	Donation	Mani Venjaramoodu	250
	Donation	Anil Karaman	200
	Donation	Anujith Mailom	1000
	Donation	Sivadasan	5000
	Donation	Omana	2000
	Donation	Salim Punalal	1250
	Donation	Biju Cheriyaakonni	500

	Donation	David Vazhayal	400
	Donation	Kuttan Pillai	200
	Donation	Biju Vellanad	200
	Donation	Manikandan	300
	Donation	Santha Cherumokie	300
	Donation	Joy Varghese	1000
	Donation	Anilkumar	10000
	Donation	Sasikumar	5000
	Donation	Raman,Kavuvila Puthanveedu	2,000
	Donation	Shaoukath Ali Pangode	200
	Donation	Bhaskaran Nair	200
	Donation	Subran Carpenter	3000
<b>Education</b>	Donation	Misbahul Huda Yatheem Ganha	500
	Donation	Athira L R	1000
	Donation	Srilakshmi	5000
	Donation	Soorya S Nair	5000
<b>Infrastructure development</b>	Donation	Padmasri K Viswanathan Memorial Stadium	25000
	Road Construction	Kalathukal Road Work	12130
	Road Construction	Kadambanadu Temple Road Work	1995
	House Construction	Rajesh Kadambanadu	5140
	House Construction	Rajasekharan Kadambanadu	8230
	House Construction	Anikuttan Vembannur	7620
	House Construction	Thankaraj Kadambanadu	5140

	House Construction	Ajeesh Kadambanadu	3090
	House Construction	His House Work Bill No-38567	5140
	Construction	Kadamabanadu Temple Work	5140
	House Construction	Rajeev Cpi Kadambanadu	5000
	House Construction	Joy Kadambanadu	3000
	House Construction	Mohanan	4760
	Construction	House Work Bill No-40115,40112,40111	12,900
	Construction	House Work Bill No-40769,40770	2,810
	Construction	House Work Bill No-38087	4,330
	Construction	House Work Bill No-Bu39437	5,140
<b>Social</b>	Donation	CMDRF	200000
	Donation	Sharon Kudumba Sahaya Fund	3000
	Donation for Marriage	Radhakrishnan	10000
	Donation for Marriage	Ranjith	10000
	Donation	Sri Arumugan Charitable Society	500
	Donation	Shehakoodu Abhayakendram	1000
	Donation for His Father Funeral	Binu	5000
	Donation for Marriage	Radhakrishnan	3000
	Donation for Marriage	Pappan	5000



	Donation	Bhothi Charibale Trust-Puliyarakonam	1000
	Donation	Thanal Matha Charitable Society	1000
	Donation	Matha Charitable Society	1000
	Donation	Akhila Kerala Bhakthi Samrakshan Samithi	500
	Donation	Baburaj Aruvikkara	20000
	Donation	Bethel Charitable Society	500
	Donation	Karunalayam Charitable Society	500
	Donation	Snehakoodaram Charitable Society Balaramappuram	500
	For Marriage	Mani	10000
	For Marriage	Yohanan	3000
	Donation	Poyhichoru Vithranam (Harijan Colony)	2000
	For Marriage	Raghavan Mailom	5000
	Donation	Nanma Charitable Trust	250
	Donation	Swapnakoodu Charitable Trust	1000
	Donation for Marriage	Samskarika Samithy	6,000
	Donation	Sopanam Charitable Society	500
	Donation	Sevana Vikas Kendra Souhridha Bhavanam	1000
<b>Total</b>			<b>533,265</b>

<b>09</b>	The lease area shall be fenced off with barbed wires to a maximum 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.	<b>Complied</b>
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**Compliance:**

To prevent falling of animals/human being/dumping of garbage etc, the project has erected barbed metal wire fencing around the mining area with height of 5 ft.

<b>10</b>	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	<b>Complied</b>
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**Compliance:**

As per the stipulation of Explosive department, the project has installed warning alarms in the quarry site. This warning alarm is properly working prior to the blasting time.

<b>11</b>	Control measures on noise and vibration prescribed by KSPCB should be implemented.	<b>Complied</b>
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**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	Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.	<b>complied</b>
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**Compliance:**

Quarrying activities are limited to day time only as per KSPCB guidelines. The quarry working time is 8.00am to 5.00 pm.

13	Blasting should be done in a controlled manner as specified by the regulations of explosives department or any other concerned agency.	<b>Complied</b>
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**Compliance:**

The blasting is done in controlled manner by using ordinary delayed detonators. 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.	<b>Complied</b>
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**Compliance:**

The project proponent has appointed mining mates 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 person.

15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	<b>Complied</b>
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**Compliance:**

To contain dust emissions, the project has tarred the access road of 150 meters to the quarry site. The project is spraying 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 for reclamation of mine pits as per mine closure plan/ specific conditions.	<b>Complied</b>
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**Compliance:**

Overburden is an inevitable byproduct of building stone quarry. There is no old quarry in the site for restoration. The overburden materials are stored within the site at designated place. This will be used to restore the exploited area in future.

<b>17</b>	Height of the benches should not exceed 5m, and width should not be less than 5m, if there is no mention in the mining plan/specific conditions.	<b>Being complied</b>
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**Compliance:**

All mining activities are progressing under the supervision of qualified persons. To enhance safety and to make environment friendly quarrying, the excavation activity in the project is progressing by creating benches of 5m width x 5m height. At present there are 2-3 benches in the site.

<b>18</b>	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	<b>Noted</b>
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**Compliance:**

The project is yet to use mats during the time of blasting. The project is using ordinary delayed detonator for blasting therefore there is no issue with fly rock in the community and the project is also assure the maximum PPV is under 10.

<b>19</b>	Maximum depth of mining from general ground level at site shall not exceed 10m.	<b>Will be complied</b>
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**Compliance:**

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

<b>20</b>	No mining operations should be carried out at places having a slope greater than 45°.	<b>Noted</b>
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**Compliance:**

All section in the mining area is under the prescribed degree of slope therefore No mining operation is carried out with a slope greater than 45<sup>0</sup>.

<b>21</b>	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	<b>complied</b>
-----------	--	-----------------

**Compliance:**

To reduce the impact of sound to the labours in the mine, the project has provided ear plugs. All machines are new. Vegetation around the mining area will help to reduce noise and air pollution. This helps the noise level kept within prescribed standards. There is no crusher unit in the project site.

<b>22</b>	The workers on the site should be provided with the required protective equipments such as ear muffs, helmet, etc.	<b>complied</b>
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**Compliance:**

The project has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear plugs, safety belts, gloves, etc. to ensure the safety of workers in working site.

<b>23</b>	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	<b>Being complied</b>
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**Compliance:**

As part of storm water management, storm water drains are provided within the project site to channelize the surface runoff to the rain water collection ponds. The project is intending to develop a well defined garland drains in the lower slopes of the core area. At present storm water from the mining area is collecting in two rain water harvesting pond so that no quarry waste is letting out with storm water. At present no surface run off letting out from the project site.

24	The transportation of minerals should be done in covered trucks to contain dust emissions.	<b>complied</b>
----	--	-----------------

**Compliance:**

The project assure that the trucks are covered to avoid dust emission from the vehicle while transportation of materials.

25	The proponent should plant trees at least 5 times of the loss that has occurred while clearing the land for the project.	<b>Being complied</b>
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**Compliance:**

The project started to plant various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining. The bill against the purchase of plants is provided at **Annexure No.1**.

26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	<b>Noted</b>
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**Compliance:**

The project proponent is using the used oil as lubricant for machineries and other equipments. The spend oil will be sold only to the recyclers.

27	Explosives should be stored in magazines in isolated place specified and approved by the explosives department.	<b>complied</b>
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**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 was fenced with barbed metal wire.

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

To keep a safe zone to the residents, community resource and public infrastructure, the norms of Kerala State Pollution Control Board regarding the distance criteria of houses, roads, rivers and worship places is adhered by the project. There is 115 meter distance to the nearest house from the boundary of mining area.

<b>29</b>	100 m buffer distance should be maintained from forest boundaries.	<b>Noted</b>
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**Compliance:**

There is no forest near to the project site.

<b>30</b>	Consent from Kerala Pollution Control Board under Water and Air Act(s) should have been obtained before initiating activity.	<b>Complied</b>
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**Compliance:**

The project 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**.

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

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

**TABLE NO.3 – DETAILS OF APPROVALS OBTAINED**

<b>Name of the Statutory approval</b>	<b>Name of the Statutory authority</b>	<b>Approval Number &amp; Date</b>
Environmental Clearance order	State Environmental Impact Assessment Authority, Kerala	152/SEIAA/KL/3072/2013 Dt. 31-03-2017

"Consent to Operate" (Renewal)	Kerala State Pollution Control Board	PCB/TVM-DO/ICO/AE2- 231/2011
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	E/SC/KL/22/1215(E58077) Dt. 16-03-2016
License for quarry operations	Gram Panchayath	A3-1704/06/2018-19 dt. 28-03-2019
Permit order	Directorate of Mining and Geology	

<b>32</b>	In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental 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.	<b>Will be complied</b>
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**Compliance:**

In case of any change(s) in the scope of the project, the proponent will apply for fresh appraisal to get the Environmental Clearance.

<b>33</b>	The Authority reserves the right to add additional safe guard 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.	<b>Noted</b>
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**Compliance:**

The project is willing to add additional safe guard measures subsequently if the authority found necessary.



<b>34</b>	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including 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.	<b>Noted</b>
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**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
- The Kerala Promotion of Tree Growth in Non-Forest Areas (Amendment) Act, 2007.

<b>35</b>	The project proponent 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 <a href="http://www.seiaakerala.org">www.seiaakerala.org</a> . 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.	<b>Complied</b>
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**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.16**.

<b>36</b>	A copy of the clearance letter shall be sent by the proponent to 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.	<b>Complied</b>
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**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 Panchayat is provided in **Annexure No.8**. The Company does not have a web site and it will be launched shortly and upload the environmental Clearance order.

<b>37</b>	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.	<b>complied</b>
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**Compliance:**

The compliance of the stipulated specific and general conditions of Environmental Clearance is being submitted to the State Environment Impact

Assessment Authority Govt. of Kerala, and also to the Regional Office of MoEF&CC, Govt. of India both in hard copy as well as mail. The monitored data of Air, Water and Noise is attached as **Annexure No. 11, 12 & 13.**

<b>38</b>	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.	<b>complied</b>
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**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.

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

An assurance in the form of affidavit was already submitted to SEIAA Kerala. The copy of the same is attached as **Annexure No.9.**

<b>40</b>	No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the SEIAA, as applicable.	<b>Will be complied</b>
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**Compliance:**

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

<b>41</b>	The project proponent shall ensure that no natural water course 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.	<b>Noted</b>
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**Compliance:**

The project proponent will take all necessary safeguards to prevent contamination of stream as well as ground water. The project proponent will install additional clarifiers in the project site to prevent sediments and wastes from quarry site to enter in to the main stream. There is no stream originating from the mining area.

<b>42</b>	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.	<b>Complied</b>
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**Compliance:**

The project proponent will monitor the ambient air quality as per National Ambient Air quality Standard (NAAQS). The project has increased the splashing of water and installed sprinklers at loading, unloading and transfer points. This activity can reduce the fugitive emission of dust

<b>43</b>	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.	<b>complied</b>
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**Compliance:**

The natural resources like top soil and overburden is being stacked in a designated place within the project site. Only topsoil will be used for plantation. Overburden will be used for landfill and to construct haulage roads in the mining area. The excess will be stored in a designated place as per the direction of State Environment Impact Assessment Authority (SEIAA).

<b>44</b>	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.	<b>Complied</b>
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**Compliance:**

The project proponent has constructed effective garland drains to catch all the storm water during the time of monsoon season. These channels will be directed to the rain water collection pond. All sediments and silts will be settled at the bottom of the pond and only cleared water let out. The water from the pond can be used for splashing of water on roads to arrest the dust.

<b>43</b>	The top soil, if any, shall be temporarily be 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 <sup>0</sup> . 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.	<b>Being complied</b>
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**Compliance:**

To prevent the soil erosion, the top soil and overburden are stacked in designated place within the project site. Only topsoil will be used for plantation. Overburden will be used for landfill and to construct haulage roads in the mining area. The excess will be 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.

<b>45</b>	Effective safeguard measures such as regular water sprinkling shall be carries out in critical areas prone to air pollution and having high levels of PM <sub>10</sub> and PM <sub>2.5</sub> , 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.	<b>Being complied</b>
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**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 will increase the number of sprinklers in critical area to reduce the dust emission such as loading and un - loading points, haul roads and transfer points.

<b>46</b>	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.	<b>Complied</b>
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**Compliance:**

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.

<b>47</b>	Measures should be taken for control of noise levels below 85 dBA in the work environment.	<b>Being complied</b>
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**Compliance:**

The level noise 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.

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

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

<b>49</b>	The funds earmarked for environmental protection and CSR activities 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.	<b>Being complied</b>
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**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 will open an account for keeping the funds earmarked for environmental protection and CSR.

<b>50</b>	The Regional Office of MoEF &CC located at Bangalore shall monitor 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.	<b>Noted</b>
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**Compliance:**

The project proponent will 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.

<b>51</b>	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.	<b>Noted</b>
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<b>52</b>	Concealing the 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 Environment (Protection) Act, 1986.	<b>Noted</b>
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<b>53</b>	The SEIAA may revoke or suspend the order, for non implementation 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.	<b>Will be complied</b>
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**Compliance:**

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

<b>54</b>	The above conditions shall prevail not withstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.	<b>Will be complied</b>
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**Compliance:**

The project will give 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 lease period issued by the Govt. of Kerala, whichever is earlier.	<b>Noted</b>
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56	The environmental clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.	<b>Noted</b>
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57	The mining operation shall be restricted to above ground water table and is should not intersect ground water table.	<b>Will be complied</b>
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**Compliance:**

The project proponent will restrict its mining operations above the ground water table.

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

As part of reduce air pollution, the project proponent has monitoring the pollution level of all vehicles playing in the project site. This monitoring will conducted only in authorized pollution checking center. Copy PUC certificate is attached as **Annexure No. 10.**

59	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	<b>Noted</b>
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**Compliance:**

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

<b>60</b>	Regular monitoring of flow rates and water quality upstream and 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.	<b>Noted</b>
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**Compliance:**

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

<b>61</b>	Occupational health surveillance programme of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	<b>Complied</b>
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**Compliance:**

The project proponent has sarterd occupational health surveillance programme in association with taluk hospital for the labours working in mining area.

# PLATES

**Plate No.1**



**Rain water Harvesting Pond in the project site**

**Plate No.2**



**Avenue Trees**

**Plate No.3**



**Approach road**


# ANNEXURE







## Annexure No.3



**KERALA STATE POLLUTION CONTROL BOARD**

FILE NO. :PCB/TVM-DO/ICO/AE2-231/2011  
Date of issue :03/04/2017

**INTEGRATED CONSENT TO OPERATE - RENEWAL**

Consent No : PCB/TVM-DO/ICO(R)/QRY/ 133 /2017 Valid upto: 31/03/2019

Ref : 1. Your Application dated 20/03/2017  
2. Your Previous consent No PCB/TVM-DO/ICO(R)/QRY/197/2016 dated 04/03/2016 valid upto 31/03/2017  
3. Your variation order dated 07/03/2015

The 'Integrated Consent to Operate' issued as per reference above to M/s Travancore Blue Metal Industries is hereby renewed up to 31/03/2019 and issued to M/s Travancore Blue Metal Industries, Kadambanad, Cheriyakonni P.O, Nedumangad, Thiruvananthapuram The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

**I. GENERAL**

S.No.	Items	Description
1	Capital Investment	44 Lakhs

**II. Stack Details**

Stack No.	Source of Emission	Emission Rate(Nm <sup>3</sup> /Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

**III. CONDITIONS**

5.1 Quarrying area is restricted to the land in Nedumangad Taluk, Aruvikara Village having valid lease from 4/10/2010 to 17/5/2020 on survey nos. 245/9,11, 293/7,294/1,3,18 issued by Department of Mining and Geology Thiruvananthapuram.


5.2 This consent will become invalid if any adverse order is passed by the Hon'ble Supreme Court, High Court, and National Green Tribunal against present quarrying and related activities.

5.3 Any adverse Government Order passed in the matter of quarrying by the Central Government, State Government & Pollution Control Board, etc this consent will become invalid immediately.

5.4 This Consent to Operate (Renewal) is issued only in accordance with norms and parameters of the Board

Copy of Consent form PCB

## Annexure No.4



सत्यमेव जयते

Validity expires on 30/03/2022

**Proceedings of the State Environment Impact Assessment Authority  
Kerala**

*Present: Prof. (Dr.) K.P. Joy, Chairman; Dr. J. Subhashini Member; Sri. V.S. Senthil, I.A.S Member Secretary.*

**Sub: - SEIAA- Environmental clearance for the quarry project in Sy. No. 229/1, 229/13, 229/9, 229/9-1, 234/10, 234/11, 234/3, 234/4, 234/5, 234/6, 234/8-2, 234/9-1, 238/12, 238/13-2, 238/16-2, 238/17-2, 240/7, 240/7-1, 240/7-2, 240/8, 240/9, 240/10, 240/11, 241/1-1, 241/1-2, 241/2, 241/4, 241/5, 241/6, 241/7, 241/8, 241/8-1, 241/9-1, 241/10, 241/12-16, 241/12-17, 241/12-2, 241/13-1, 241/18, 242/1, 242/2, 242/4-2, 242/4-3, 242/5, 242/6, 242/7, 242/8, 245/4, 245/5, 245/6, 245/6-1, 245/6-2, 245/6-3, 245/6-4, 231/1, 241/3, 245/7, 245/9, 245/11, 293/7, 294/1, 294/3, 294/18 (Total Area-12.0836 Ha) at Aruvikkara Village and Panchayath, Nedumangad Taluk, Thiruvananthapuram District by Sri.P.V.Suresh Kumar, M/s.Travancore Blue Metal Industries (P) Ltd - EC Granted - Orders issued.**

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**STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY**

No. 152/SEIAA/KL/3072/2013 Dated, Thiruvananthapuram 31/03/2017

Read:-

1. Application dated on 08/11/2013 submitted by Sri.P.V.Suresh Kumar, for the proposed mining project of M/s.Travancore Blue Metal Industries (P) Ltd.
2. Minutes of the meeting of 22<sup>nd</sup> SEAC held on 7-12-2013
3. Minutes of the meeting of 26<sup>th</sup> SEAC held on 20/21-03/2014
4. Minutes of the meeting of 30<sup>th</sup> SEAC held on 6/7-6/2014.
5. Minutes of the meeting of 33<sup>rd</sup> SEIAA held on 24/9/2014
6. Minutes of the meeting of 35<sup>th</sup> SEAC held on 17/18-10/2014
7. Minutes of the meeting of 46<sup>th</sup> SEAC held on 29/30-08/2015
8. Minutes of the meeting of 49<sup>th</sup> SEAC held on 7/8-12/2015
9. Minutes of the meeting of 52<sup>nd</sup> SEAC held on 8/9-02/2016
10. Minutes of the meeting of 51<sup>st</sup> SEIAA held on 29/3/2016
11. Minutes of the meeting of 56<sup>th</sup> SEAC held on 6/7-06/2016
12. Minutes of the meeting of 60<sup>th</sup> SEAC held on 28/29-07/2016
13. Minutes of the meeting of 62<sup>nd</sup> SEAC held on 06/07-9/2016
14. Minutes of the meeting of 63<sup>rd</sup> SEAC held on 4/10/2016
15. Minutes of the meeting of 64<sup>th</sup> SEAC held on 16/17-11/2016
16. Minutes of the meeting of 62<sup>nd</sup> SEIAA held on 23/12/2016

**Environmental Clearance No 29/2017**

Sri. P. V. Suresh Kumar, Director of M/s Travancore Blue Metal Industries (P) Ltd., vide his application received on 08-11-2013, has sought Environmental Clearance under EIA Notification, 2006 for the proposed mining project in Sy. Nos. 229/1, 229/13, 229/9, 229/9-1, 234/10, 234/11, 234/3, 234/4, 234/5, 234/6, 234/8-2, 234/9-1, 238/12, 238/13-2, 238/16-2,

1

Copy of Environmental Clearance

## Annexure No. 5

**अनुज्ञप्ति प्ररूप 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 :  
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 रूप (Annual Fee Rs): 2400/-

1. Licence is hereby granted to  
**Shri.M/S Suresh Kumar.P.V. (अधिभोगी / Occupier : Shri Suresh Kumar.P.V.), Director, Travancore Blue Metal Industries Pvt Ltd Thekkemala-Mylom, Cheriyaconni Post, Thiruvannathapuram District-695013, Kerala., Town/Village Cheriyaconni. District-THIRUVANANTHAPURAM, 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. : possess for use of **Nitrate Mixture, Electric and/or Ordinary Detonators, Safety Fuse, - के उपयोग 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. Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में 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 कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए] : **20 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) : रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1215(E58077)  
दिनांक (Dated) 29/04/2011

6. अनुज्ञप्त परिसर निम्नलिखित पते पर स्थित है। The licensed premises are situated at following address:  
Survey No. 245/6-2, Block 41, ग्राम (Town/Village) : **Aruvikkara village, Nedumangad Taluk, Thiruvannanthapuram District, Kerala**  
जिला (District) **THIRUVANANTHAPURAM** राज्य (State) **Kerala** पुलिस थाना (Police Station) : **Nedumangad**  
दूरभाष (Phone) **09447178279** ई.मेल (E-Mail) **Kerala** पिनकोड (Pincode) **695013**  
फैक्स (Fax)

7. अनुज्ञप्त परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।  
The licensed premises consist of following facilities. : **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 अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबंधों 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.

- 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 द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।  
Conditions and Additional Conditions of this licence signed by the licensing authority.
- 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 अधिकरण करने या यदि अनुज्ञप्त परिसर योजना या उसके 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.

तारीख | The Date - 29/04/2011

Sd-  
संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of 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

नवीनीकरण के पृष्ठांकन के लिए स्थान  
Space for Endorsement of Renewal

नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
16/03/2016	31/03/2021	Dy. Chief Controller of Explosives, Ernakulam कुल. उप. मुख्य विस्फोटक नियंत्रक For Deputy Chief Controller of Explosives

Copy of Explosive

Annexure No. 6




ലൈസൻസ് നമ്പർ DT-1704/06/2018-19 തീയതി 28/03/2018  
അരുവിക്കര ഗ്രാമ പഞ്ചായത്തിൽ നിന്നും  
 1994 ലെ കേരളാ പഞ്ചായത്ത് രാജ് ആക്ട് ( 1994 ലെ 13 ) 232, 233, 234, 254 എന്നീ  
 വകുപ്പുകളും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു നൽകുന്ന

### ഡി & ഒ ലൈസൻസ്

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	പി.വി. സുരേഷ്കുമാർ, വടലാളൂർ തൃശ്ശൂർ ജില്ലാ മെറ്റൽ ഇൻഡസ്ട്രീസ് (ഐ.ടി.ഐ.) ലിമിറ്റഡ് മിനിമൽ ഇൻവെന്ററി.പ.ഒ	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	തൃശ്ശൂർ ജില്ലാ മെറ്റൽ ഇൻഡസ്ട്രീസ് (ഐ.ടി.ഐ.) ലിമിറ്റഡ് മിനിമൽ ഇൻവെന്ററി.പ.ഒ	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	പാലാറ്റിംഗ് നടത്തുന്നത്.	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡു നമ്പരും	Survey No:- 245/4, 5, 6, 6-1, 6-2, 6-3, 6-4, 7, 9, 11, 241/3. Survey No:- 241/2-2, 13-1, 18, 242/2, 4-2, 4-3, 5, 6, 1, 7, 8, 241/2-1, 12-2, 13-1, 18, 242/1, 2, 4-2, 4-3, 5, 6, 7, 8, 229/1, 9-1, 9, 13, 234/4, 3, 5, 6, 8-2, 9-1, 10, 11, 232/1, 13-2, 16-2, 17-2, 240/7, 7-1, 7-2, 8, 9, 10, 11, 241/1-1, 1, 2, 2, 4, 5, 6, 7, 8-1, 9-1, 10, 12-1, 6, 12-1, 7, 231/1, 2, 3, 1, 1, 3, 1, 8, 231/7.	
ലൈസൻസ് കാലയളവ്	01/04/2018 മുതൽ 31/03/2017 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	5000/- രൂപ	രസീത് നമ്പർ 112150103305 28/03/2018
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരീക്ഷണ പത്രങ്ങളുടെ വിവരങ്ങൾ ( നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	1) മിനിമൽ ഇൻവെന്ററി സോൾഡ്, (ഓ.പ്രോ.റ്റം-00/100(2)QR4/133, 134, 135, dtd: 03/04/2017) 2) പാലാറ്റിംഗ് (E.C), (ഓ.പ്രോ.റ്റം/12/302/2013 dtd: 31/03/2017)	

ഓഫീസ് മുദ്ര

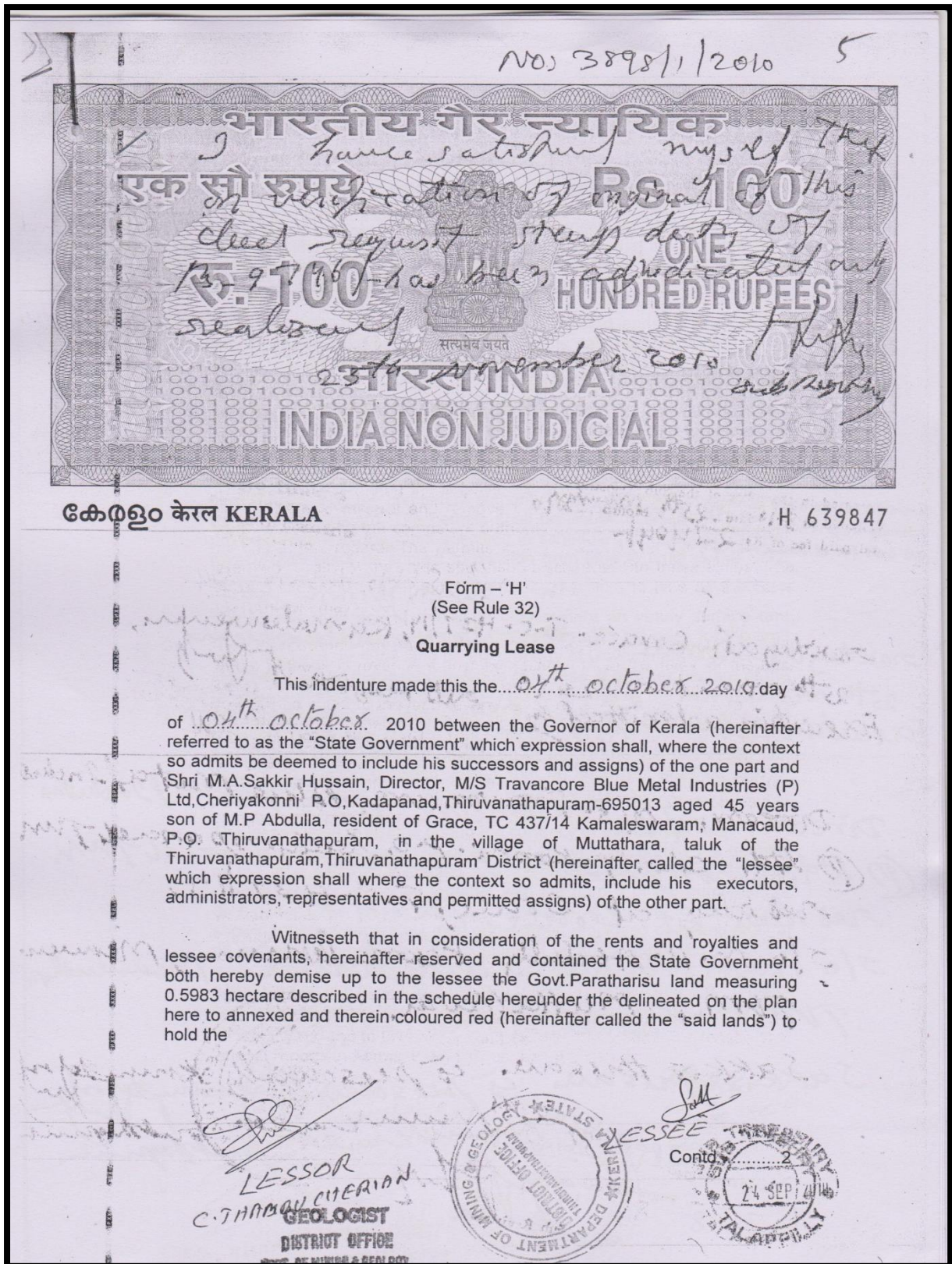


സെക്രട്ടറി  
 S.PRAVEEN  
 ഗ്രാമപഞ്ചായത്ത്  
 Aruvikkara Grama Panchayat  
 Aruvikkara P.O., Trivandrum (Dist.), Kerala  
 India-695 564, Ph: 0472 266226, 266296.

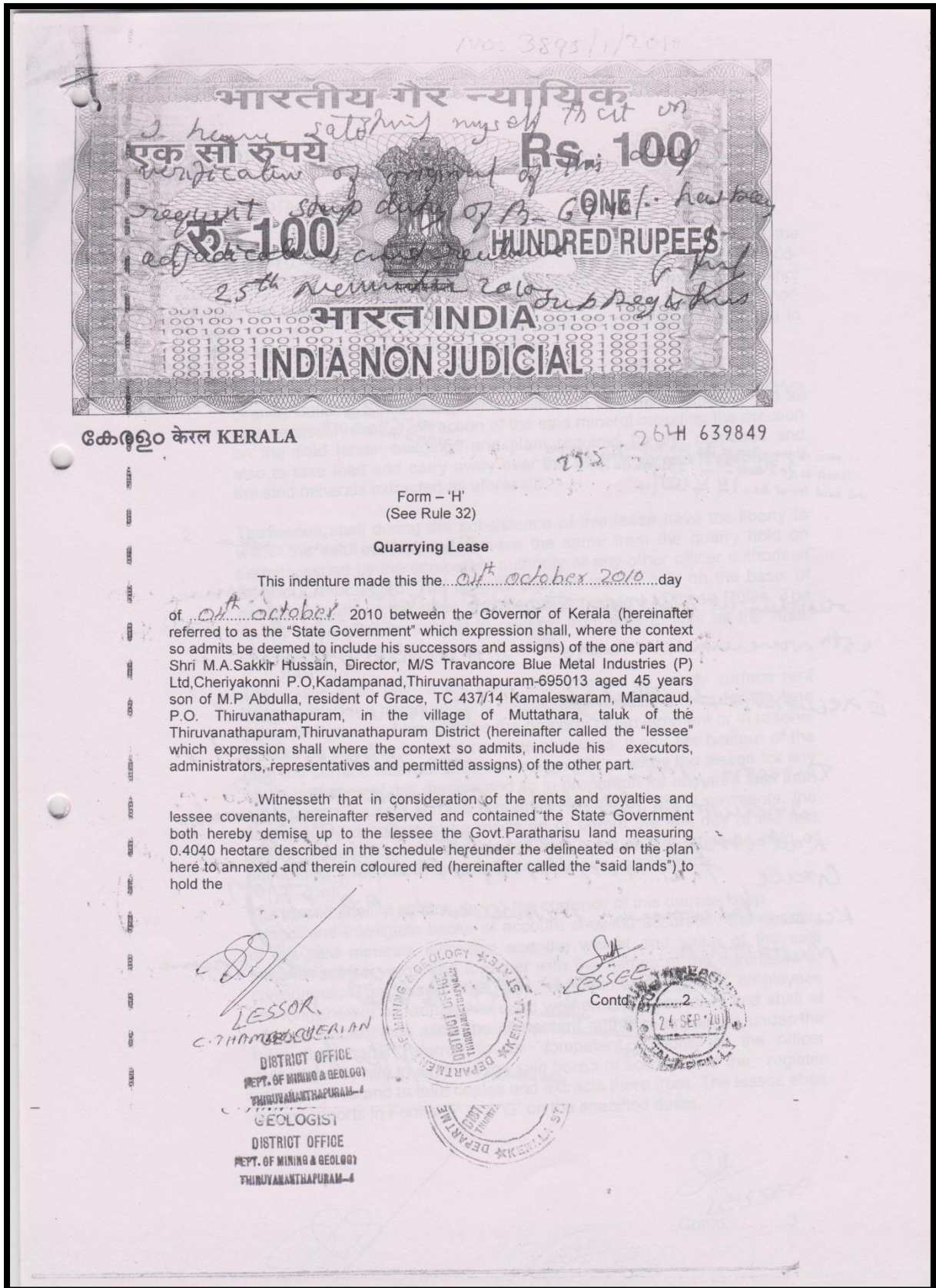
GLM-30-Y-2014

Copy of license from Gram Panchayat

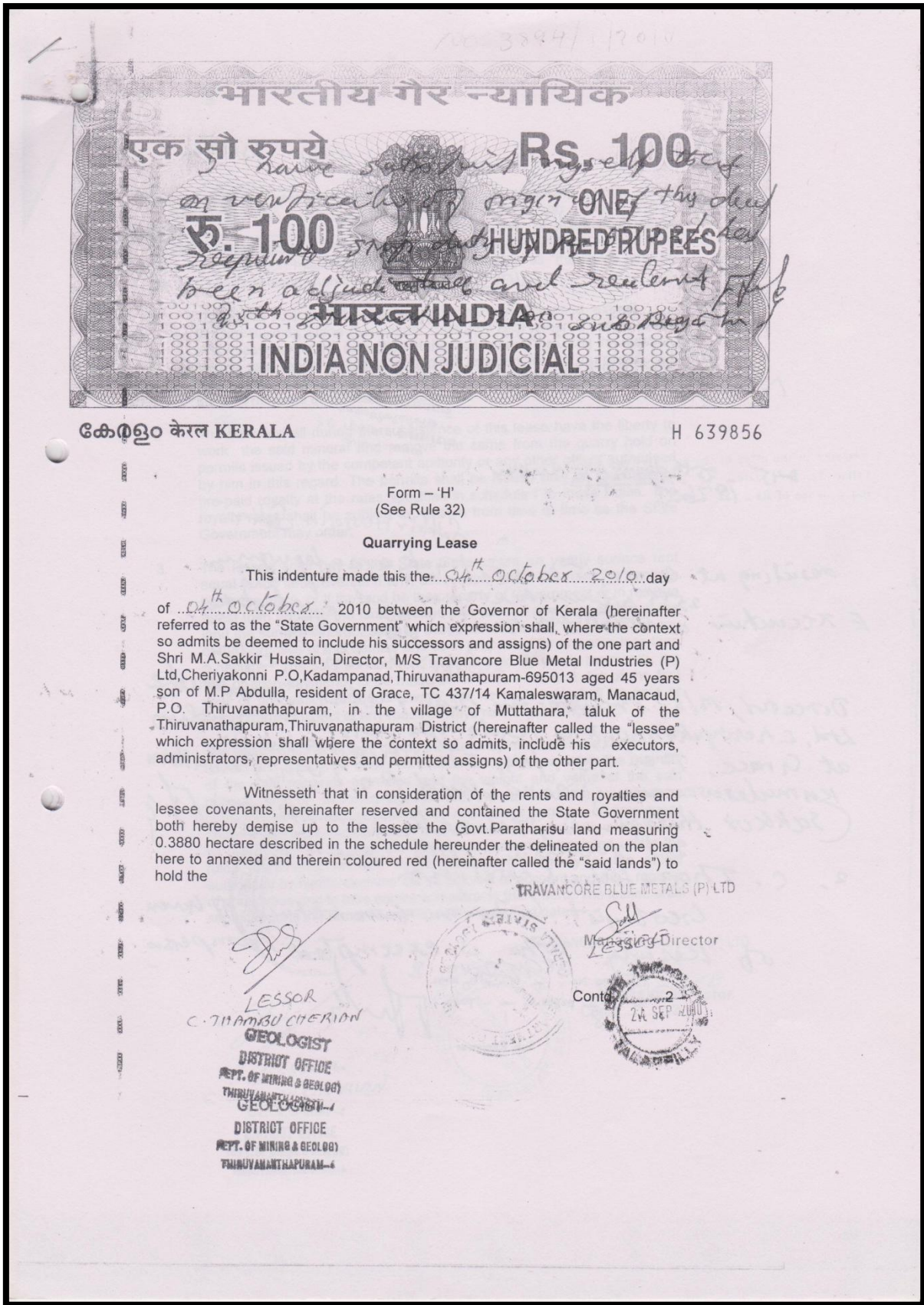
Annexure No.7



Copy of lease



Copy of lease



Copy of lease

No: 2993/1/2010

भारतीय गैर न्यायिक

एक सौ रुपये      Rs. 100

रु. 100      ONE HUNDRED RUPEES

भारत INDIA

INDIA NON JUDICIAL

केरल KERALA C 712722

Form - 'H'  
(See Rule 32)


Quarrying Lease

This indenture made this the 28<sup>th</sup> day


of July 2010 between the Governor of Kerala (hereinafter referred to as the "State Government" which expression shall, where the context so admits be deemed to include his successors and assigns) of the one part and Shri M.A.Sakkir Hussain aged 45 years, The Director, M/S Travancore Blue Metal Industries (P) Ltd,Cheriyakonni P.O,Kadapanad,Thiruvananthapuram. son of Abdulla M.P, resident of Grace, TC 43/714 Kamaleswaram, Manacaud, P.O. Thiruvananthapuram, in the village of Muttathara, taluk of the Thiruvananthapuram, Thiruvananthapuram District (hereinafter called the "lessee" which expression shall where the context so admits, include his executors, administrators, representatives and permitted assigns) of the other part.

Witnesseth that in consideration of the rents and royalties and lessee/ covenants, hereinafter reserved and contained the State Government both hereby demise up to the lessee the land measuring 1.4781 hectares described in the schedule hereunder the delineated on the plan here to annexed and therein coloured red (hereinafter called the "said lands") to hold the

R. Gopakumar  
Geologist



Sakkir  
M.A.Sakkir Hussain



Copy of lease



Adjudication Certificate Under Section 32 of Kerala Stamp Act 1959 488  
2018 To the District Registrar 12-1200/18  
(GL) Thiruvananthapuram, dtd. 3-3-18

**भारतीय गैर न्यायिक**  
**भारत INDIA**



The original document registered along with  
The duplicate it bears the stamp duty of Rs. 500/-  
of the value of Rs. 500/- **FIVE HUNDRED** **RUPEES** **Subscribed**

**पाँच सौ रुपये** **Rs. 500**  
सत्यमेव जयते


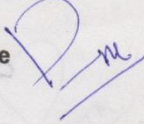
**INDIA NON JUDICIAL**

കേരളം കേരल KERALA F 937501

Form H  
(see Rule 43)  
**QUARRYING LEASE**

This DEED OF LEASE made on this the 28 day of Feb 2018 between

Lessor  Lessee 

No. 45877 Issued to 28/2/18 M/s Travancore Blue Metal Industries PVT Ltd

**DISTRICT OFFICE**  
**THIRUVANANTHAPURAM**

**DISTRICT REGISTRAR & COLLECTOR**  
**27 FEB 2018**

**THE GOVERNOR OF KERALA** (hereinafter referred to as **'the State Government'** which expression shall, where the context so admits be deemed to include his successors and assigns) of the one part and

**M/s TRAVANCORE BLUE METAL INDUSTRIES PVT. LTD.**, having its office at Kadambanad, CheriyaKonni P.O, Thiruvananthapuram District - 695 013 (Represented herein by its Director, **SURESH KUMAR** (holder of Aadhar card No. 9365 5194 5619), S/o Sreedharan Nair, aged 46 years, residing at Palakkavil House, Annakara P.O, Mullassery Village, Chavakkad Taluk, Thrissur-680 508) (hereinafter called **'the Lessee/Lessees'** which expression shall where the context so admits, include his/their heirs, executors, administrators, representatives and permitted assigns) of the other part

WITNESSETH that in consideration of the rents and royalties and Lessee's/Lessees covenants, hereinafter reserved and contained, the State Government hereby give on lease to the Lessee/Lessees the land measuring **9.2152 hectares** described in the Schedule hereunder and delineated on the plan hereto annexed and therein colored red (hereinafter called the "said lands") to hold the same for a period of **NINE YEARS (9 years)** commencing from the 28/2/2018 and ending on the 27/2/2027 for the purposes of extracting minor mineral/minerals and subject to the terms and conditions contained in the Kerala Minor Mineral Concession Rules, 2015 (hereinafter referred to as "the Rules") and to the terms and conditions hereinafter appearing.

Lessor



Lessee

DISTRICT REGISTRAR (GL) COLLECTOR

Total 11 sheets 2 sheets

Copy of lease

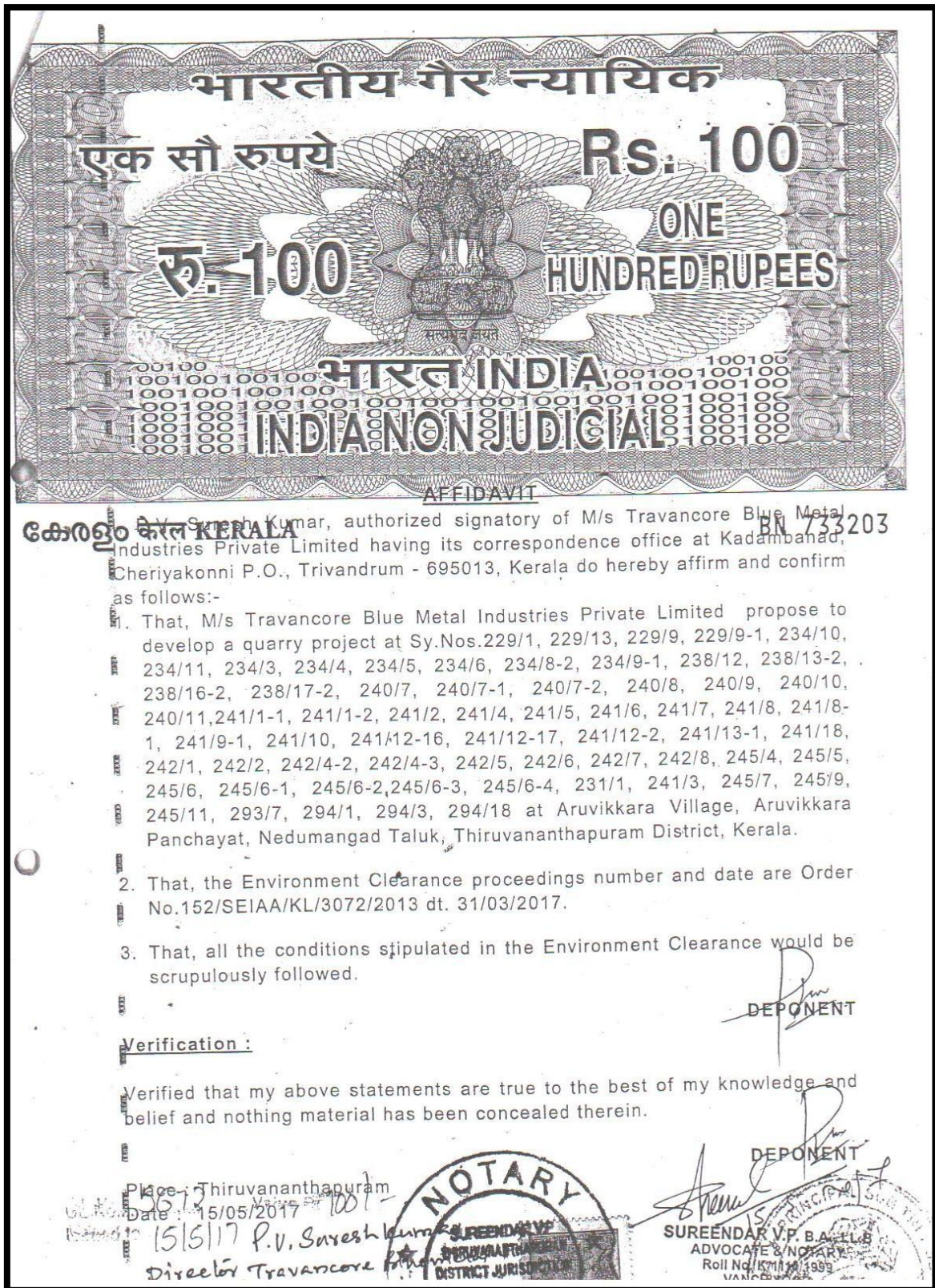
## Annexure No.8

<b>Aruvikkara Grama Panchayat</b> A9363559		KREWS (GLM, KANJIKODE) 2014
<b>Aruvikkara, Phone:04722888225</b>		
<b>ACKNOWLEDGEMENT (Not for Cash Transactions)</b>		
Ward No	3607	Year
Date of Receipt	16/05/2017	2017
Name of Applicant	suresh kumar p.v, arv	
Subject	travancore blue metal	
Date of Delivery		
Section	A4	
Remarks :		
Counter No. & Staff :	16/05/2017 12:46:27PM	Secretary

Chequens are subject to realisation

Acknowledgment from Gram Panchayat

Annexure No.9



Copy of Affidavit

Annexure No.10

### POLLUTION UNDER CONTROL CERTIFICATE

Under Rule 115(7) of CMV Rules 1989

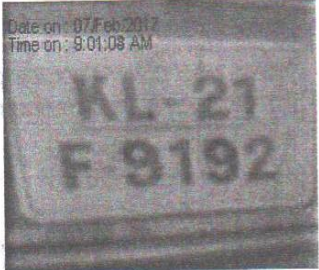
Registration No	KL21 F 9192	Serial No.	D201721973
Date of Testing	07/Feb/2017	Time	9:01 AM
Engine No	HGV	Year of Manufacture	2012
Make	TATA	Speedometer Reading	-
Class of Vehicle	6W	Fuel	DIESEL

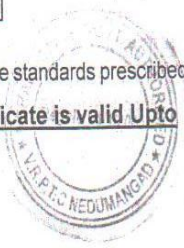
  

Flush into Cycle						
Ava.	RPM Min.	RPM Max.	Temp.			
647	1704	91				
S.No.	RPM Min.	RPM Max.	K m <sup>3</sup>	HSU %	Temp.	
1	627	1764	1.68	51.5	91	
2	646	1754	1.26	42.0	91	
3	632	1812	0.84	30.4	91	
4	640	1704	1.47	47.0	91	
5	640	1838	1.41	45.5	91	
6	643	1910	1.35	44.1	91	
7	643	1796	1.25	41.7	91	
8	652	1812	1.32	43.4	91	
Mean		Pass	1.33	43.7		

Date on: 07/Feb/2017  
Time on: 9:01:08 AM






Certified that this Vehicle's HSU Emission Level Conforms to the standards prescribed under Rule 115(2) of CMV Rules 1989. This Certificate is valid Upto

**V.R. POLLUTION TESTING CENTRE**  
 11th Stone, Near LIC Office, Nedumangad,  
 TVM., Kerala, Ph : 0472 - 2803540  
 Licence No : D1 / 1/ 2000

06/Aug/2017



(Signature)  
(Name of Authorised signatory)

Copy of PUC Certificate

## Annexure No.11

**TEST REPORT**

Test Report No: TC540219000001450F	Date: 16.04.2019	Page 1 of 1
------------------------------------	------------------	-------------

**CUSTOMER DETAILS**

Customer Details	Name & Address	M/s Travancore Blue Metal Industries Pvt Ltd Kadambad, CheriyaKonni Thiruvananthapuram District	
Location of Site	Survey No	231/1,241/3,245/7,245/9,245/11,293/7,294/1 294/3,294/18	
	Village	Aruvikkara	
	Taluk	Nedumgad	
	District	Thiruvananthapuram	
	State	Kerala	
Customer Reference	Test Request form dated 09.04.2019		

**SAMPLE DETAILS**

Source of Sample	Ambient Air	Sample Code	TC540219000001450F
Location of Monitoring	East side boundary	Sampled By	Laboratory
Date of Monitoring	09.04.2019	Test Started On	12.04.2019
Sample Received On	11.04.2019	Test Completed On	13.04.2019
Humidity	51 %	Sampling Procedure	IS 5182 Part V & XIV

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM <sub>10</sub> )	IS 5182 Part 23: 2006 RA 2017	µg/m <sup>3</sup>	45.3	100
02	Particulate matter (PM <sub>2.5</sub> )	EPA 40 CFR Part 50 Appendix - L	µg/m <sup>3</sup>	20.2	60.0
03	Sulphur dioxide (SO <sub>2</sub> )	IS 5182 Part 2: 2001 RA 2017	µg/m <sup>3</sup>	< 2.00	80.0
04	Nitrogen dioxide (NO <sub>2</sub> )	IS 5182 Part 6: 2006 RA 2017	µg/m <sup>3</sup>	< 2.00	80.0

\*\*\*End of Report\*\*\*

For and on behalf of  
Standard<sup>s</sup> Environmental & Analytical Laboratories

  
Authorized Signatory
Riji Joseph  
Technical Manager


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<sup>s</sup> Environmental & Analytical Laboratories**

Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB  
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, info@sealabs.in

## Result of Air

## Annexure No.12





NABL(TC-5402)

**TEST REPORT**

Test Report No:TC540219000001451F	Date: 16.04.2019	Page 1 of 1
-----------------------------------	------------------	-------------

CUSTOMER DETAILS		
Customer Details	Name & Address	M/s Travancore Blue Metal Industries Pvt Ltd Kadambad, Cheriyaconni Thiruvananthapuram District
Location of Site	Survey No	231/1,241/3,245/7,245/9,245/11,293/7,294/1 294/3,294/18
	Village	Aruvikkara
	Taluk	Nedumgad
	District	Thiruvananthapuram
	State	Kerala
Customer Reference	Test Request Form dated 09.04.2019	

SAMPLE DETAILS	
Source of Sample	Ambient Sound Level
Sample Code	TC540219000001451F
Location of Monitoring	East side Boundary
Date of Monitoring	09.04.2019
Method	IS 9989:1981 RA:2008

DAYTIME	RESULT	NIGHTTIME	RESULT
06.00 Hrs	38.0 dB (A)	23.00 Hrs	34.1 dB (A)
07.00 Hrs	40.8 dB (A)	00.00 Hrs	36.6 dB (A)
08.00 Hrs	45.1 dB (A)	01.00 Hrs	37.3 dB (A)
09.00 Hrs	48.6 dB (A)	02.00 Hrs	37.0 dB (A)
10.00 Hrs	51.0 dB (A)	03.00 Hrs	37.7 dB (A)
11.00 Hrs	54.1 dB (A)	04.00 Hrs	36.6 dB (A)
12.00 Hrs	51.4 dB (A)	05.00 Hrs	38.4 dB (A)
13.00 Hrs	50.6 dB (A)	RESULTS	
14.00 Hrs	51.0 dB (A)		
15.00 Hrs	51.4 dB (A)	Noise Level (Leq) Daytime	49.4 dB (A)
16.00 Hrs	52.5 dB (A)		
17.00 Hrs	52.9 dB (A)		
18.00 Hrs	47.4 dB (A)		
19.00 Hrs	43.9 dB (A)	Noise Level (Leq) Nighttime	37.0 dB (A)
20.00 Hrs	40.0 dB (A)		
21.00 Hrs	39.5 dB (A)		
22.00 Hrs	36.8 dB (A)		

\*\*\*End of Report\*\*\*

For and on behalf of  
Standard<sup>s</sup> Environmental & Analytical Laboratories


*Dija*  
Authorized Signatory  
**Rija Joseph**  
Technical Manager

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<sup>s</sup> Environmental & Analytical Laboratories**  
Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB  
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: sealab@gmail.com, info@sealabs.in


## Result of Noise

## Annexure No.13



**Standard<sup>S</sup>**  
Environmental Monitoring

**TEST REPORT**




NABL(TC-5402)

Test Report No:TC540219000001452F		Date: 16.04.2019		Page 1 of 1	
<b>CUSTOMER DETAILS</b>					
Customer Details		Name & Address			
		M/s Travancore Blue Metal Industries Pvt Ltd Kadambad, CheriyaKonni Thiruvananthapuram District			
Location of Site		Survey No		231/1,241/3,245/7,245/9,245/11,293/7,294/1 294/3,294/18	
		Village		Aruvikkara	
		Taluk		Nedumgad	
		District		Thiruvananthapuram	
		State		Kerala	
Customer Reference		Test Request form dated 09.04.2019			
<b>SAMPLE DETAILS</b>					
Sample Code		TC540219000001452F		Sample Received On	
				11.04.2019	
Sample Name		Water		Sampling Procedure	
				---	
Sample Description		Open Well		Sampling Location	
				---	
Identification By Customer		---		Sample Condition	
				Good	
Sampled On		09.04.2019		Test Started On	
				11.04.2019	
Sampled By		Customer		Test Completed On	
				16.04.2019	


SL NO	TEST PARAMETER	TEST METHOD	UNITS	RESULT	ACCEPTABLE LIMIT (IS 10500 – 2012)
01	Colour	IS 3025 Part 4:1983 RA 2017	Hazen	1.00	5.00 (Max)
02	Odour	IS 3025 Part 5:1983 RA 2017	---	Unobjectionable	Unobjectionable
03	Turbidity	IS 3025 Part 10:1984 RA 2017	NTU	<0.10	1.00 (Max)
04	pH	IS 3025 Part 11:1983 RA 2017	---	6.87	6.50 – 8.50
05	Conductivity	IS 3025 Part 14:1984 RA 2013	µS/cm	68.0	---
06	Total Dissolved Solids	IS 3025 Part 16:1984 RA 2017	mg/L	39.0	500 (Max)
07	Total Hardness (as CaCO <sub>3</sub> )	IS 3025 Part 21:2009 RA 2014	mg/L	13.9	200 (Max)
08	Calcium (as Ca)	IS 3025 Part 40:1991 RA 2014	mg/L	3.96	75.0 (Max)
09	Magnesium (as Mg)	IS 3025 Part 46:1994 RA 2014	mg/L	<1.00	30.0 (Max)
10	Chloride (as Cl)	IS 3025 Part 32:1988 RA 2014	mg/L	7.94	250 (Max)
11	Total Alkalinity (as CaCO <sub>3</sub> )	IS 3025 Part 23:1986 RA 2014	mg/L	11.9	200 (Max)
12	Iron (as Fe)	IS 3025 Part 53:2003 RA 2014	mg/L	<0.10	1.00 (Max)
13	Sulphate (SO <sub>4</sub> )	IS 3025 Part 24:1986 RA 2014	mg/L	<1.00	200 (Max)
14	Total Coliform Bacteria	IS 15185 : 2016	---	Absent/100 ml	Absent/100 ml
15	E coli	IS 15185 : 2016	---	Absent/100 ml	Absent/100 ml

\*\*\*End of Report\*\*\*

For and on behalf of  
Standard<sup>S</sup> Environmental & Analytical Laboratories



Authorized Signatory  
**Vidhyalakshmi Das**  
Microbiologist



Authorized Signatory  
**Nisha Joseph**  
Technical Manager

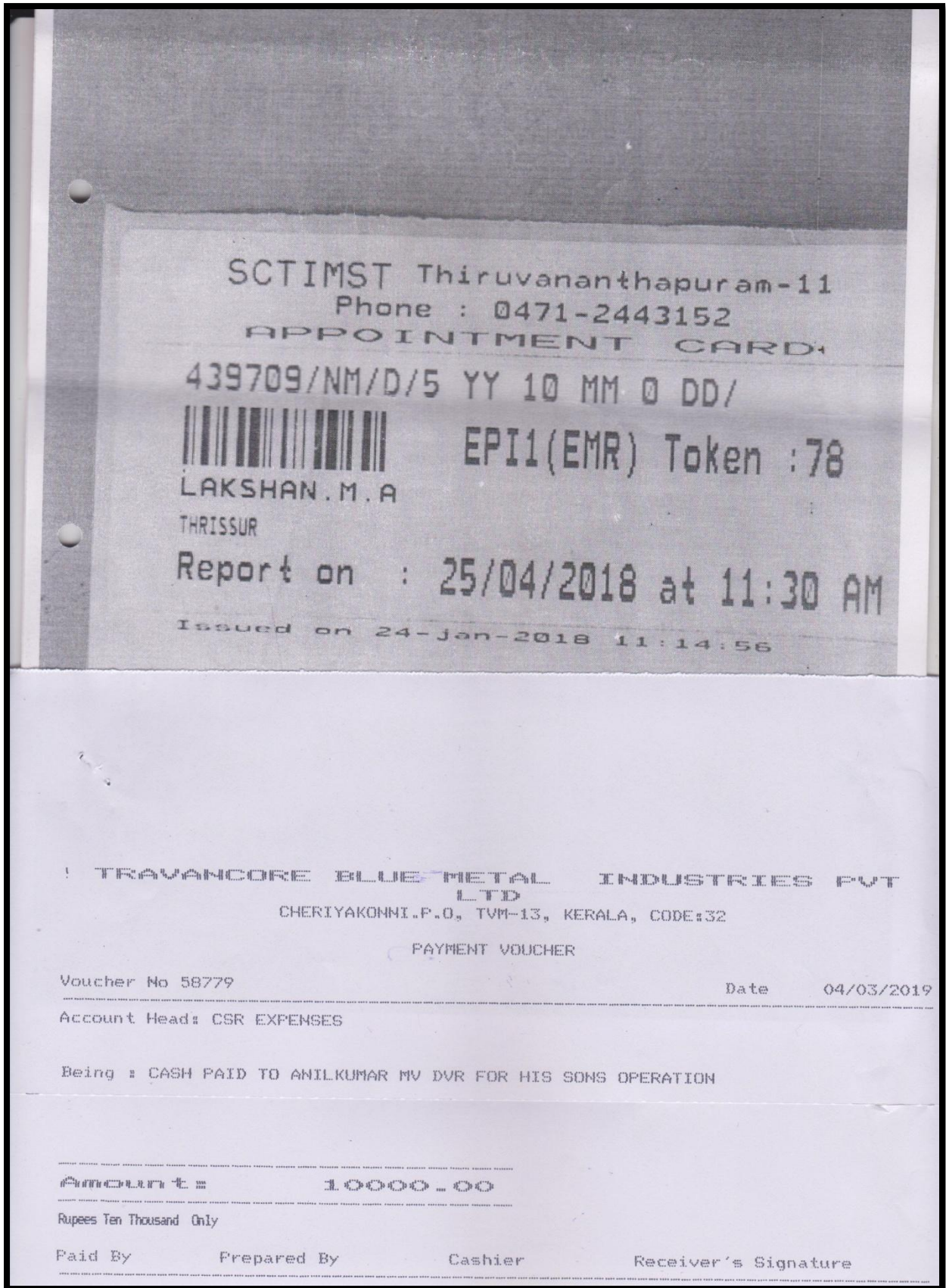
The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

**Standard<sup>S</sup> Environmental & Analytical Laboratories**  
Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB  
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, info@sealabs.in

## Result of Water







KEAM 2016

**OFFICE OF THE COMMISSIONER FOR ENTRANCE EXAMINATIONS, KERALA**  
 Fifth Floor, Housing Board Buildings, Santhi Nagar, Thiruvananthapuram - 695001.  
 Phone: 0471-2332120. Fax: 0471-2337228. email: ceekinfo@cee.kerala.gov.in. Website: www.cee.kerala.gov.in

**Admission to Professional Degree Courses**  
**ALLOTMENT MEMO**  
**CAP Second Phase**

Roll Number                    **109860**

Name                            **SOORYA S NAIR**

Engineering Rank            **37647**

**Allotment Details**

Course                         **Civil Engineering**

College                        **Heera College of Engineering & Technology, Nedumangad.**  
*(Pvt. Self-Financing)*

**Fee Details**

Course Fee	₹ 75000	Tuition Fee to be Paid at the College	₹ 65000
Already Paid	₹ 10000	Deposit to be Paid at the College	Nil
Fee to be Paid at SBT/Online	Nil	Amount will be Refunded by CEE	Nil

**SOORYA S. NAIR**  
08.01.2016

Date of Joining : on or before 15-07-2016 (See website for Joining Schedule)

\*Branch : ARUVIKKARA  
 SHOPPING CENTRE ARUVIKKARA, THIRUVANANTHAPURAM, KERALA - 695564  
 IFSC CODE: IDIB000A070

VALID FOR THREE MONTHS ONLY  
 14022019  
 D D M M Y Y Y Y

PAY **SOORYA S NAIR** या धारक को OR BEARER

RUPEES रुपये **FIVE THOUSAND ONLY -**

अदा करें ₹ **5000/-**

खा.सं. **CA 6115067532** FOR TRAVANCORE BLUE METAL INDUSTRIES (P)

A/c No. **CA 6115067532**

CBS Code: 998

AUTHORISED SIGNATORY  
Please sign above

"Payable At Par At All Our Branches"

992000002

\*396840\* 695019081: 067532 29

എൻ. രാധാകൃഷ്ണൻ  
 &  
 കെ. രമണി  
 കിഴക്കൻവീട്, മൈലം,  
 ചെറിയകൊണ്ണി പി. ഒ, തിരുവനന്തപുരം  
 ഫോൺ : 9656893799

മാന്യരേ,  
 ഞങ്ങളുടെ മകൾ  
**ആര്യാകൃഷ്ണ. ബി. ആർ**  
 വിവാഹിതയാവുകയാണ്.  
 അഭ്യവിക്കാരെ, ഇടമൺ, ഉന്നംപാറ, പുത്തൻവീട്ടിൽ  
 ശ്രീ. കെ. ശശി അമ്പലക്കുളിയും  
 ശ്രീമതി. ജെ. സിന്ധുവിന്റേയും മകൾ  
**വിഷ്ണു. എസ് ആണ് വരൻ.**

വിവാഹ തീയതി : 2019 ഫെബ്രുവരി 9 ശനിയാഴ്ച  
 (1194 മകരം 28)  
 വിവാഹ സ്ഥലം : ശ്രീ ഭഗവതിക്ഷേത്ര ആഡിറ്റോറിയം  
 വെള്ളനാട്, തിരുവനന്തപുരം  
 മുഹൂർത്തം : പകൽ 11.00 നും 12.00 നും മദ്ധ്യ  
 സീകരണം : രാവിലെ 10.30 ന്

പ്രസ്തുത മംഗളകർമ്മത്തിൽ പങ്കെടുക്കുന്നതിന്  
 താങ്കളുടെ സഹായം സാന്നിദ്ധ്യം  
 നന്ദരം ക്ഷണിച്ചുകൊള്ളുന്നു.

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**! TRAVANCORE BLUE METAL INDUSTRIES PVT LTD**  
 CHERIYAKONNI, P.O., TVM-13, KERALA, CODE:32  
 PAYMENT VOUCHER

Voucher No 55639 Date 12/02/2019

Account Head: CSR EXPENSES

Being : CASH PAID TO RADHAKRISHNAN DAUGHTERS MARRIAGE THROUGH SAIFUKKA

Amount: 10000.00  
 Rupees Ten Thousand Only

Paid By \_\_\_\_\_ Prepared By \_\_\_\_\_ Cashier \_\_\_\_\_ Receiver's Signature \_\_\_\_\_

ॐ    ☪    ✝

**THANAL MATHA CHARITABLE SOCIETY**  
 Reg. No. KLM/TC/574/2016      Ph : 8086434776  
 Pathanapuram P.O.,      9400274201  
 Kadakkamon, Kollam Dist.      (O) 7902256684

**1011 Receipt**      Date 11/03/19

Received with thanks from Travancore Blue mlu  
 a sum of Rupees.....  
 towards.....

**₹ 500/-**      Bank Account No. 40585100000704  
 Pan Card : IMCPS2521A  
 T. Lekshmi 9496164201, N. Sasidharan 9400274201 (24 hrs)

N. Sasidharan

(ഈ സ്ഥാപനത്തിൽ കമ്മീഷൻ പിരിവ്കാരിയ്ക്കു 4 വനിതാ മെമ്പർമാർ ഉൾപ്പെടും.)

ഓം ശിവായ നമഃ

**ശ്രീ ആനുമുഖൻ ചാരിറ്റബിൾ സൊസൈറ്റി കാമ്പസി ഭക്ത സംഘം**  
 Reg. No. Tvm/TC/50/2019  
 വെള്ളനാട്, പുളിയാക്കോണം, തിരുവനന്തപുരം  
 തിരുച്ചെന്തൂർ പാലാത്ര  
 കാമ്പസി മഹോൽസവം

നമ്പർ. **213**      സംഭാവന കുപ്പൺ      തീയതി... 8/2/19  
 പേര് Travancore  
 സ്ഥലം .....

**₹ 500/-**      സെക്രട്ടറി

**സേവന വികാസ് കേന്ദ്രം**  
 രജി. നമ്പർ 40/4/2009, കെ.എസ്.ആർ.എ. 233,  
 ആറ്റിങ്ങൽ, തിരുവനന്തപുരം, ഫോൺ : 9142912249, 9946382213  
 സൗഹൃദവേനം പദ്ധതി, മുദാക്കൽ

നമ്പർ **7326**      രസീത്      തീയതി... 12/2/2019  
 ശ്രീ/ശ്രീമതി Travancore

മെമ്പർഷിപ്പ്	
മാസവരി	
സംഭാവന	
ആകെ	

₹ 500/-

തുക അക്ഷരത്തിൽ .....

Bill copies of CSR Activities

## Annexure No.15

Invoice No. 3  
Ref. No.

(ORIGINAL FOR RECIPIENT)

Dated 5-Jul-2018

**Sungrid Technologies**  
C T M Complex  
Ambady Lane  
Kokkalai  
Thrissur - 680021  
GSTIN/UIN: 32ACLF51729D1ZC  
State Name : Kerala, Code : 32

**Tax Invoice**

Party : **TRAVANCORE BLUEMETAL INDUSTRIES PVT LTD**  
KADAMBANAD, CHERIYAKONNI P O  
TRIVANDRUM  
GSTIN/UIN : 32AADCT3759M1Z0  
State Name : Kerala, Code : 32

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	24 W STREET LIGHT		1 nos	1,517.86	nos	1,517.86
2	600va Solar Pcu Batch: 050718	8400	1 nos	11,619.00	nos	11,619.00
3	100 AH TUBULAR BATTERY Batch: 050718	8507	1 nos	9,453.00	nos	9,453.00
4	100wp Solarphotovoltaic Module Waaree Batch: 050718	8541	4 nos	5,238.00	nos	20,952.00
						43,541.86
				SGST@14%	14 %	1,323.42
				CGST@14%	14 %	1,323.42
				SGST@2.5%	2.50 %	814.28
				CGST@2.5%	2.50 %	814.28
				SGST@6%	6 %	91.07
				CGST@6%	6 %	91.07
				Round Off		0.60
Total			7 nos			₹ 48,000.00

Amount Chargeable (in words)  
**INR Forty Eight Thousand Only**

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
8400	1,517.86	6%	91.07	6%	91.07	182.14
8507	11,619.00	2.50%	290.48	2.50%	290.48	580.96
8507	9,453.00	14%	1,323.42	14%	1,323.42	2,646.84
8541	20,952.00	2.50%	523.80	2.50%	523.80	1,047.60
<b>Total</b>	<b>43,541.86</b>		<b>2,228.77</b>		<b>2,228.77</b>	<b>4,457.54</b>

Tax Amount (in words) : **INR Four Thousand Four Hundred Fifty Seven and Fifty Four paise Only**

Declaration  
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

for Sungrid Technologies  
Authorized Signatory

This is a Computer Generated Invoice

Invoice No. 4  
Ref. No.

(ORIGINAL FOR RECIPIENT)

Dated 5-Jul-2018

**Sungrid Technologies**  
C T M Complex  
Ambady Lane  
Kokkalai  
Thrissur - 680021  
GSTIN/UIN: 32ACLF51729D1ZC  
State Name : Kerala, Code : 32

**Tax Invoice**

Party : **TRAVANCORE BLUEMETAL INDUSTRIES PVT LTD**  
KADAMBANAD, CHERIYAKONNI P O  
TRIVANDRUM  
GSTIN/UIN : 32AADCT3759M1Z0  
State Name : Kerala, Code : 32

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount	
1	SLV600L Batch: 040718	8507	1 nos 1 nos	3,789.00	nos	3,789.00	
2	75wp Solarphotovoltaic Module Waaree Batch: 050718	8541	1 nos 1 nos	4,285.71	nos	4,285.71	
3	24watt Solar Dome Batch: 050718	8400	1 nos 1 nos	5,523.81	nos	5,523.81	
						13,598.52	
				SGST@14%	14 %	530.46	
				CGST@14%	14 %	530.46	
				SGST@2.5%	2.50 %	245.24	
				CGST@2.5%	2.50 %	245.24	
				Round Off		0.08	
Total						<b>3 nos</b>	<b>₹ 15,150.00</b>

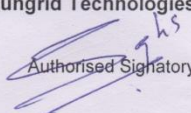
Amount Chargeable (in words) E. & O.E  
**INR Fifteen Thousand One Hundred Fifty Only**

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
8507	3,789.00	14%	530.46	14%	530.46	1,060.92
8541	4,285.71	2.50%	107.14	2.50%	107.14	214.28
8400	5,523.81	2.50%	138.10	2.50%	138.10	276.20
<b>Total</b>	<b>13,598.52</b>		<b>775.70</b>		<b>775.70</b>	<b>1,551.40</b>

Tax Amount (in words) : **INR One Thousand Five Hundred Fifty One and Forty paise Only**

Declaration  
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature \_\_\_\_\_

for Sungrid Technologies  
  
Authorised Signatory

This is a Computer Generated Invoice

Copy of Solar Bills

Annexure No.16

**Annexure-2**

**CLASSIFIEDS MART**  
TO ADVERTISE:  
www.thehinduads.com  
Thiruvananthapuram: 0471 2502001  
Kollam: 0474 2740001

**NOTICE**  
This is to inform to the General Public that, a quarry project at Survey Nos. 229/1, 229/13, 229/9, 229/9-1, 234/10, 234/11, 234/3, 234/4, 234/5, 234/6, 234/8-2, 234/9-1, 238/12, 238/13-2, 238/16-2, 238/17-2, 240/7, 240/7-1, 240/7-2, 240/8, 240/9, 240/10, 240/11, 241/1-1, 241/1-2, 241/2, 241/4, 241/5, 241/6, 241/7, 241/8, 241/8-1, 241/9-1, 241/10, 241/12-16, 241/12-17, 241/12-2, 241/13-1, 241/18, 242/1, 242/2, 242/4-2, 242/4-3, 242/5, 242/6, 242/7, 242/8, 245/4, 245/5, 245/6, 245/6-1, 245/6-2, 245/6-3, 245/6-4, 231/1, 241/3, 245/7, 245/9, 245/11, 293/7, 294/1, 294/3, 294/18 of M/s Travancore Blue Metal Industries Private Limited at Aruvikkara Village, Aruvikkara Panchayat, Nedumangad Taluk, Thiruvananthapuram District, Kerala is accorded with ENVIRONMENTAL CLEARANCE by State Environment Impact Assessment Authority, Kerala vide Order No. 152/SEIAA/KL/3072/2013 dt. 31/03/2017 and the copy of the Environmental Clearance is available with the office of State Environment Impact Assessment Authority and may also be seen on the website of the Authority at www.seiaakerala.org

**EDUCATION MART**  
**EXCLUSIVE IAS/IPS GS ECONOMY**  
REGULAR AND WEEKEND CLASSES  
DEVELOPMENT OF THOUGHTS  
Ph: 9539019861

**WEEKEND BATCH**  
For working professionals  
College going  
COMMENCING ON 23 APRIL 2017

**inspirit IAS ACADEMY**  
WIND & MEN  
V.M.R. JUNCTION, NAKTHANCODE, THIRUVANANTHAPURAM-03

**WEDDING CARDS & Printing Valavi & Company** Broadway, Ekm. Ph:2353765.

**TENDERS**  
**Avasthalingam Institute for Home Science and Higher Education for Women**  
Coimbatore - 641 043, Tamil Nadu, India.  
(Deemed University under Category 'A' by MHRD)  
Re-accredited with 'A' Grade by NAAC

**TENDER NOTIFICATION**  
Tenders are invited under sealed cover from manufacturers/authorized firms for the procurement and installation of...  
The last date of receipt of tenders is on 22.05.2017 at 3.00 p.m. The tenders received will be opened at 3 p.m. on 23.05.2017 at the Board's Head Office, Thiruvananthapuram in presence of the contractors present. The sale of tenders schedule closes at 12.00 Noon on 22.05.2017.

**TRAVANCORE BLUE METAL INDUSTRIES (P) LTD.**  
Kadambanad, Cheryyakonni P.O., Thiruvananthapuram-695 013.  
Ph:0472-2888080, 2888050, 2888030.  
E-mail:travancorebluemetal@gmail.com

**TRAVANCORE BLUE METAL INDUSTRIES (P) LTD.**  
കാടാമ്ബനാട്, ചേര്യക്കുന്നി പോ, തിരുവനന്തപുരം-695 013.  
ഫോൺ:0472-2888080, 2888050, 2888030.  
ഇ-മെയിൽ:travancorebluemetal@gmail.com

**TRAVANCORE BLUE METAL INDUSTRIES (P) LTD.**  
കാടാമ്ബനാട്, ചേര്യക്കുന്നി പോ, തിരുവനന്തപുരം-695 013.  
ഫോൺ:0472-2888080, 2888050, 2888030.  
ഇ-മെയിൽ:travancorebluemetal@gmail.com

**KERALA KHADI AND VILLAGE INDUSTRIES BOARD**  
**THIRUVANANTHAPURAM-35.**  
KB. 5316/16/ENGG Tel: 0471-2472896

**NOTICE INVITING TENDERS**

The Secretary, Kerala Khadi and Village Industries Board, Thiruvananthapuram invites sealed cover tenders for the execution of Public Works contracts of Public Works Department or other Government Departments with current valid registrations for the following work.

Name of work : The work of construction of retaining wall of departmental production unit at Perayam, Trivandrum Dist.

LC : 324384.00

MD : 8200.00

Time of completion : 90 days

Mode of tender schedule : 650 + VAT 5%

The earnest money deposit in the form of Fixed Deposit pledged in favour of the Secretary, Kerala Khadi and Village Industries Board and payable at Thiruvananthapuram, attested copy of license and preliminary agreement should be attached along with the filled up sealed tenders.

The last date of receipt of tenders at the District Khadi and Village Industries Office, Thiruvananthapuram is on 22.05.2017 at 3.00 p.m. The tenders received will be opened at 3 p.m. on 23.05.2017 at the Board's Head Office, Thiruvananthapuram in presence of the contractors present. The sale of tenders schedule closes at 12.00 Noon on 22.05.2017.

The Secretary, Kerala Khadi and Village Industries Board reserves the full right to reject any or all the tenders without assigning any reason. The relevant rules existing in Kerala Public Works Department is applicable to the work.

Sd/ SECRETARY

**TRAVANCORE BLUE METAL INDUSTRIES (P) LTD.**  
Kadambanad, Cheryyakonni P.O., Thiruvananthapuram-695 013.  
Ph:0472-2888080, 2888050, 2888030.  
E-mail:travancorebluemetal@gmail.com

**തോട്ടിസ്**

പൊതുജനശ്രദ്ധയ്ക്കായി, കേരള സംസ്ഥാനം, തിരുവനന്തപുരം ജില്ല, തിരുവനന്തപുരം താലൂക്ക്, അരുവിക്കര പഞ്ചായത്തിലും, അരുവിക്കര വില്ലേജിലും, കേരള സർവ്വേ നമ്പർ 231/1, 241/3, 245/7, 245/9, 245/11, 293/7, 294/1, 294/3, 294/18, 229/1, 229/13, 229/9-1, 234/10, 234/11, 234/3, 234/4, 234/5, 234/6, 234/8-2, 234/9-1, 238/12, 238/13-2, 238/16-2, 238/17-2, 240/7, 240/7-1, 240/7-2, 240/8, 240/9, 240/10, 240/11, 241/1-1, 241/1-2, 241/2, 241/4, 241/5, 241/6, 241/7, 241/8, 241/8-1, 241/9-1, 241/10, 241/12-16, 241/12-17, 241/12-2, 241/13-1, 241/18, 242/1, 242/2, 242/4-2, 242/4-3, 242/5, 242/6, 242/7, 242/8, 245/4, 245/5, 245/6, 245/6-1, 245/6-2, 245/6-3, 245/6-4, 231/1, 241/3, 245/7, 245/9, 245/11, 293/7, 294/1, 294/3, 294/18 of M/s Travancore Blue Metal Industries Private Limited at Aruvikkara Village, Aruvikkara Panchayat, Nedumangad Taluk, Thiruvananthapuram District, Kerala is accorded with ENVIRONMENTAL CLEARANCE by State Environment Impact Assessment Authority, Kerala vide Order No. 152/SEIAA/KL/3072/2013 dt. 31.03.2017 അർദ്ധർ പ്രകാരം ലഭിച്ചിരിക്കുന്നു. ഈ അർദ്ധറിന്റെ പകർപ്പ് കേരള സംസ്ഥാന പരിസ്ഥിതി ഇപ്പാക്ട് അന്വേഷണ അതോറിറ്റിയിൽ നിന്നുപോലും നമ്പർ 152/SEIAA/KL/3072/2013 തീയതി: 31.03.2017 അർദ്ധർ പ്രകാരം ലഭിച്ചിരിക്കുന്നു. ഈ അർദ്ധറിന്റെ പകർപ്പ് കേരള സംസ്ഥാന പരിസ്ഥിതി ഇപ്പാക്ട് അന്വേഷണ അതോറിറ്റിയിൽ ലഭ്യമാണ്. www.seiaakerala.org എന്ന വെബ്സൈറ്റിൽ കൂടുതൽ പകർപ്പ് കാണാവുന്നതാണ്.

**TRAVANCORE BLUE METAL INDUSTRIES (P) LTD.**  
Kadambanad, Cheryyakonni P.O., Thiruvananthapuram-695 013.  
Ph:0472-2888080, 2888050, 2888030.  
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**TRAVANCORE BLUE METAL INDUSTRIES (P) LTD.**  
കാടാമ്ബനാട്, ചേര്യക്കുന്നി പോ, തിരുവനന്തപുരം-695 013.  
ഫോൺ:0472-2888080, 2888050, 2888030.  
ഇ-മെയിൽ:travancorebluemetal@gmail.com

**കേരള സംസ്ഥാന ഭാഗ്യക്കുറി**

ഫോൺ: 0471-2305230, ഫാക്സി: 2305193, ഫോൺ: 2301740  
www.kerala.gov.in, www.keralalotteries.com

**തിരഞ്ഞെടുത്ത നമ്പർ 12-05-2017**  
ശ്രീമതി എം.പി. പദ്മലക്ഷ്മി, തിരുവനന്തപുരം

**നമ്പർ 828541** (പത്തനംതിട്ട)

**നമ്പർ 828541** (പത്തനംതിട്ട)

NA 828541	NC 828541	ND 828541	NE 828541
NA 829396 (കേരളം)	NC 437981 (കേരളം)	ND 610062 (കേരളം)	NE 463244 (കേരളം)
NE 742195 (കേരളം)	NC 537043 (കേരളം)	ND 727417 (കേരളം)	NE 464324 (കേരളം)
NA 374856 (തിരുവനന്തപുരം)	NE 740115 (തിരുവനന്തപുരം)	ND 554673 (കേരളം)	NE 727417 (കേരളം)

**भारत सरकार / GOVERNMENT OF INDIA, अंतरिक्ष विभाग**  
**विक्रम साराभाई अंतरिक्ष केंद्र / VIKRAM SARABHAI**  
**हमो विरू निमाण एवं अनुरक्षण प्रमाण, सोपीएच/ CONSTRUCTION AND**  
**रिक्विसिटर्स/ THIRUVANANTHAPURAM**  
(फोन नं. / Ph. No. 0471 - 25651 17)

**ई-निविदा आमंत्रित करते हुए संक्षिप्त सूचना/ BRIEF NOTI**

भारत के राष्ट्रपति की ओर से निम्नलिखित कार्यों के लिए ई-टेंडरिंग द्वारा ऑनलाइन तौर पर  
behalf of the President of India, online item-rate tenders are invited through

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01	एनआइटी सं. वीएसएससी/सीएमडी-सीपीएच/सीएस/4555/06231/2017 NIT No: VSSC/CMD-CPHCS/4555/06231/2017 एमएलबी, वीएसएससी, तुंबा के वीआरसी श्रीताकस के ऊपर छत रिवाज सुधार कार्य

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