

No. CBMIPL/CR/038/2015

Choozhikkara, Methiri P.O. Ramapuram, Kottayam - 686 576,

Phone: 04822 244311,

E-mail: cochinbluemetals@gmail.com Web:www.bestgroupindia.co.in CIN: U14200KL2008PTC022264

Date: 24-06-2024

From

The Director

To

The Regional Director

MoEF&CC Regional Office

Southern Zone, Kendriya Sadan, 4th Floor, E & F Wing

II Block, Koramanagala, Bengaluru - 560034.

Sir.

Environmental Clearance - Compliance report furnished

E.C. No. 67/SEIAA/KL/7904/2012 dt. 23-05-2013 r.w. order of even no. dt.

17.03.2018 of SEIAA Kerala

Kind attention is invited to the Environmental Clearance accorded to the quarry project of M/s Cochin Blue Metal Industries Pvt. Ltd. in Ramapuram Village, Ramapuram Panchayath, Meenachil Taluk, Kottayam District, Kerala vide reference cited above. The twenty-second report of compliance on the specific and general conditions of the EC for the period from October 2023 to March 2024 is attached herewith for favour of kind perusal.

Yours faithfully

Clement K. Jose Director

for M/s Cochin Blue Metal Industries Pvt. Ltd.

TALINDO

Copy to:

The Member Secretary SEIAA Kerala

K.S.R.T.C. Bus Terminal Complex, 4th Floor Thampanur, Thiruvananthapuram - 695001.

PO METHIRI



Customer care number - 8086 388 388 / 8086 883 883





#### Quarry project of

#### Cochin Blue Metal Industries Pvt. Ltd.

Ramapuram Village Ramapuram Panchayath Meenachil Taluk Kottayam District Kerala State

#### 22<sup>nd</sup> Compliance report

(Ref: E.C. No. 67/SEIAA/KL/7904/2012 dt. 23-05-2013 r.w. order of even no. dt. 17.03.2018 of SEIAA Kerala)

for the period from
October 2023 to March 2024

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#### MONITORING REPORT - PROFORMA - PART I

E.C. No. 67/SEIAA/KL/7904/2012 dt. 23-05-2013 r.w. order of even no. dt. 17.03.2018 of SEIAA Kerala

1.	Name of the project	Quarry project of M/s Cochin Blue Meta Industries Pvt. Ltd.	
2.	Clearance letter no. & date	Environmental Clearance No 67/SEIAA/KL/7904/2012 dt. 23-05-2013 r.w order of even no. dt. 17.03.2018 of SEIAA Kerala	
3.	Location: District & State/UT	Kottayam District, Kerala State	
4.	Address for correspondence:	Mr. Clement K. Jose Director M/s Cochin Blue Metal Industries Pvt. Ltd. P.O. Methiri, Kottayam, Kerala state Pincode: 686576.	
5.	Contact No. of office with name of responsible official	8086966966 Asheeb A.A. (Manager)	
6.	Mobile No. of concerned officials associated with monitoring	8086966966	
7.	Date of commencement (Actual and/or planned)	23.05.2013	
8.	Validity of CFO (Consent for Operation obtained from Kerala State PCB)	16.03.2028	
9.	Present status of the project	Running	
10.	Email id of the contact person to whom communications to be sent	cochinbluemetals@gmail.com	
11.	FAX Number		

METAL INDI Date: 24-06-2024 (Company SETHIRI

Signature of authorized signatory

Name: ASHEER A. A Designation: Mo-

## I. ABOUT THE PROPONENT

M/s Cochin Blue Metal Industries Pvt. Ltd. possesses a quarry project in Ramapuram Village, Ramapuram Panchayath, Meenachil Taluk, Kottayam District, Kerala state.

State level Environment Impact Assessment Authority Kerala (SEIAA Kerala) accorded Environmental Clearance No. 67/SEIAA/KL/7904/2012 dated 23.05.2013 to the quarry project in Ramapuram Village, Ramapuram Panchayath, Meenachil Taluk, Kottayam District, Kerala managed by M/s Cochin Blue Metal Industries Pvt. Ltd. On expiry of the validity period of Environmental Clearance, an extension of validity for another period of five years was granted by SEIAA Kerala vide proceedings No. 67/SEIAA/KL/7904/2012 dated 17.03.2018 [Annexure 1 (Pages A1-A2)].

M/s Cochin Blue Metal Industries Pvt. Ltd. is a company registered with CIN No. U14200KL2008PTC022264 controlled and managed by Mr. Clement K. Jose, Director, M/s Cochin Blue Metal Industries Pvt. Ltd., P.O. Methiri, Kottayam – 686576; Tel. No. 0482-2244311; Mob. No. 09446006474; Fax No. 0487-2421801; E-mail: cochinbluemetals@gmail.com.

Among the conditions specified in the said Environmental Clearance (EC), it is mandatory to file six-monthly compliance report(s). This report is in compliance of it and the twenty second report in its series.

## II. ABOUT THE PROJECT

#### a. Project category:

The project comes under the Category B, Activity 1(a) of Schedule of EIA Notification 2006 and subsequent amendments.

#### b. Project location:

Sy. Nos. 1/3, 1/4, 1/5, 1/7, 8/2, 8/4, 9/1, 9/2, 9/3, 9/7, 8/3 and 8/2-1 at Ramapuram Village, Ramapuram Panchayath, Meenachil Taluk, Kottayam District, Kerala. The proposed project site falls within  $9^0$  50′ 38.4944″ N to  $9^0$  50′ 48.9527″ N and  $76^0$  38′ 0.5663″ E to  $76^0$  38′ 9.0562″ E.

#### c. Project extent and activity:

The project is for quarrying of 2,94,000 TPA of building granite stone from an area of 4.8910 hectares of land located as specified above.

#### d. Project description:

The proposed project does not involve any underground mining activities. The mining is done by open cast semi-mechanized method. At the end of life of mine, the reclaimed area will be suitably planted. The sewage of 1 KLD generated from the mine office is diverted to the septic tank followed by soak pit. The daily water requirement of 5 KLD is met from storm water reservoir and / or well.

## III. REPORT OF COMPLIANCE

#### A. SPECIFIC CONDITIONS

Item No.	Stipulations in EC	Status of Compliance	Remarks
S1	During the excavation, leveling and site development works, the site should be sprinkled with water at regular intervals to ensure that all the rock benches and ledges and quarry access roads are kept damp at all times.	dust emissions, runther, water is sprinkled with moses also at	Plate S.1 – Water sprinkling with hose (Page 25)
<b>S</b> 2	All the rainwater falling in the area should be collected in the storm water storage tank.	Provision is made for collection and storage of rainwater in storm water storage tank(s) and pond(s).	
<b>S</b> 3	All the roads under the control of the proponent should be tarred.	All the roads under the control of the proponent are tarred.	
S4	Delay detonator should be used.	Delay detonator is used.	

### **B. GENERAL CONDITIONS**

Item No.	Stipulations in EC	Status of Compliance	Remarks
G1	Rain water harvesting to collect and utilize the entire water falling in land area should be provided.	Provision is made for collection and storage of rainwater	
G2	Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.	Environment Monitoring Cell constituted is functional.	
G3	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.	Avenue trees are present along either side of the tarred road and open parking areas inclusive of approach road and internal roads. Saplings of coconut trees are also grown on the sides of the internal road near the entrance of the project site.	Plate G.3 – Avenue trees along the side of tarred road (Page 27)
G4	The project shall incorporate devices for solar energy generation and utilization wherever possible.	Solar street lamp is installed within the project site.	Plate G.4 – Solar street lamp (Page 29)
G5	Sprinklers shall be installed and used in the project site to contain dust emissions.	In order to contain dust emissions, trucks with sprinklers ply within the project site for sprinkling water at regular intervals. Sprinklers and aerial sprayers are also used at regular intervals.	

G6	The eco-restoration plan submitted with the proposal should be fully implemented.	Eco-restoration plan shall be fully implemented at the time of mine closure.	
G7	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 dumpings and overburden and planted with indigenous plant species that are eco-friendly.	At the time of the closure of the mine, it shall be ensured that the directions contained are scrupulously followed.	
G8	Corporate Social Responsibility agreed upon by the proponent should be implemented.	Corporate Social Responsibility agreed upon is being implemented without fail. An amount of Rs. 8,74,345/- (Rs. 8,54,345/- as recurring expense and Rs. 20,000/- as non-recurring expense) has been spent towards CSR for various activities for the period from October 2023 to March 2024, the details of which are attached as <b>Annexure G.8</b> .	Annexure G.8 – Details of amount spent towards CSR for the period from October 2023 to March 2024 (Pages A3-A7)
G9	Barbed metal wire fencing around the mining area shall be provided with a height of not less than 5 ft so that falling of animals / human / belongings / dumping of garbages etc. does not happen.	Barbed metal wire fencing around the mining area with a height of not less than 5 feet is provided.	

G10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	Warning alarms indicating the time of blasting is arranged.	
G11	Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.	The direction contained is being followed scrupulously.	
G12	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	Access roads to the quarry site are tarred.	
G13	Overburden materials should be managed within the site and the old quarries, if any, should be reclaimed and restored.	Overburden is stacked in pre-determined site specified for the purpose within the project site.	
G14	Height of benches should not exceed 5 m and width should not be less than 5 m.	The height and width of benches is maintained as 5 m $\times$ 5 m.	
G15	Mats to reduce fly rock blast to a maximum of 15 PPV should be provided.	Mats are used to reduce fly rock blast.	
G16	Mining depth should not exceed beyond 40 m, unless otherwise specified or not	Being complied with.	

	below the level of nearest stream bed, whichever is less.		
G17	No mining operations should be carried out at places having a slope greater than 45°.	It shall be ensured that no mining is carried out at places having a slope greater than 45°, if any.	
G18	Acoustic enclosures should have been 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.	reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for	Plate G.18 – Acoustic enclosure (Page 31)
G19	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The workers on the site are provided with the required protective equipments such as ear muffs, helmet, etc.	
G20	Assurance in the form of affidavit should be given to SEIAA that eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	Affidavit was submitted to SEIAA.	
G21	Assurance in the form of affidavit should be given to SEIAA that only a maximum of	Affidavit was submitted to SEIAA.	

	10 percent of the total mined area shall be retained as water body, which shall be lined properly and further provided with protective wall to prevent accidents.		
G22	Garland drains to be provided in the lower slopes around the core area to channelize storm water.		Plate G.22 – Garland drain (Page 33)
G23	Debris/ silt traps to be provided to prevent entry of dust and quarry wastes entering the main streams.	The debris is allowed to settle in sedimentation pond/ settling tanks provided with debris/ silt traps before being let out to main streams.	Plate G.23 – Sedimentation pond (Page 35)
G24	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.		Annexure G.24(1) – Copy of quarrying lease deed valid for a period of 10 years from 22.08.19 to 21.08.2029 (Pages A8 – A21)  Annexure G.24(2) – Copy of permission (No. SZ / VGR / P-05-106(2)(b) / 2012-13 / 1077 dt. 15.06.2012) issued by the Directorate General of Mines Safety for deployment of HEMM and to conduct deep hole blasting (Pages A22-A23)

	G.24 (4)	(i) and Anno	exure G.24 (4)(	(ii)]	Annexure G.24(3) – Copies of
					license issued by Ramapuram
5.	Petroleu	•	losives Safety	•	· · · · · · · · · · · · · · · · · · ·
	(former	•	Department)	[Annexure	quarry (No.A4-1090/20 dt.
	G.24(5)]				24.03.2020 valid up to
					31.03.2025) and for crusher
					unit (No. A2-21(1151/19 dt.
					28.03.19 valid up to
					31.12.2023) (Pages A24- A26)
					Annexure G.24(4)(i) – Copies
					of Integrated Consent to
					operate for quarry units and
					the Consent Variation Order
					(No. KSPCB/ KT/ ICO/
					10049111/ VAR/2024 dt.
					04.03.24) modifying the
					validity up to 16.03.2028 of
					Integrated Consent to
					Operate, issued by the Kerala
					State Pollution Control Board
					(Pages A27-A33)
					Annexure G.24(4)(ii) – Copy
					of Integrated Consent to
					Operate- Renewal, issued for
					crusher unit (Consent No.
					KSPCB/KT/ICO/10038557/2023

dt. 07.10.23 valid up to

			30.06.2028) by the Kerala State Pollution Control Board (Pages A34-A36) Annexure G.24(5) – Copy of
			license (No. E / SC /KL / 22 / 1403 (E57088) dt. 10.02.021
			valid up to 31.03.2026) issued
			by the Petroleum and Explosives Safety Organization
			for possession for use of
			explosives from magazine (Pages A37-A44).
	In the case of any change(s) in		
G25		The company shall abide by the directions of SEIAA	
		Kerala in such a context, if arises.	
	appraisal by this Authority.		
G26	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures	The company shall abide by the directions of SEIAA Kerala in such a context, if arises.	

	in a time bound and satisfactory manner.		
G27	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.	Strict compliance is adhered to and is reviewed periodically by the authoritative persons of the management.	
G28	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the 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	Environmental Clearance were given Kerala Kaumudi (Malayalam daily) dt. 16.07.2013 and The Indian Express	

	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 a copy of the same should be forwarded to the office of this Authority as confirmation.		
G29	A copy of the clearance letter shall be sent by the proponent to concerned Grama Panchayat / District Panchayat / 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 clearance letter shall also be put on the website of the company by the proponent.	Copy of EC has been sent to the Secretary, Ramapuram Grama Panchayath.	
G30	The proponent shall submit six monthly reports on the status of compliance of the stipulated EC	<ul> <li>Conditions are being complied with. This twenty second report is in compliance with the submission of six- monthly compliance reports and is for the period</li> </ul>	ambient air, water and noise

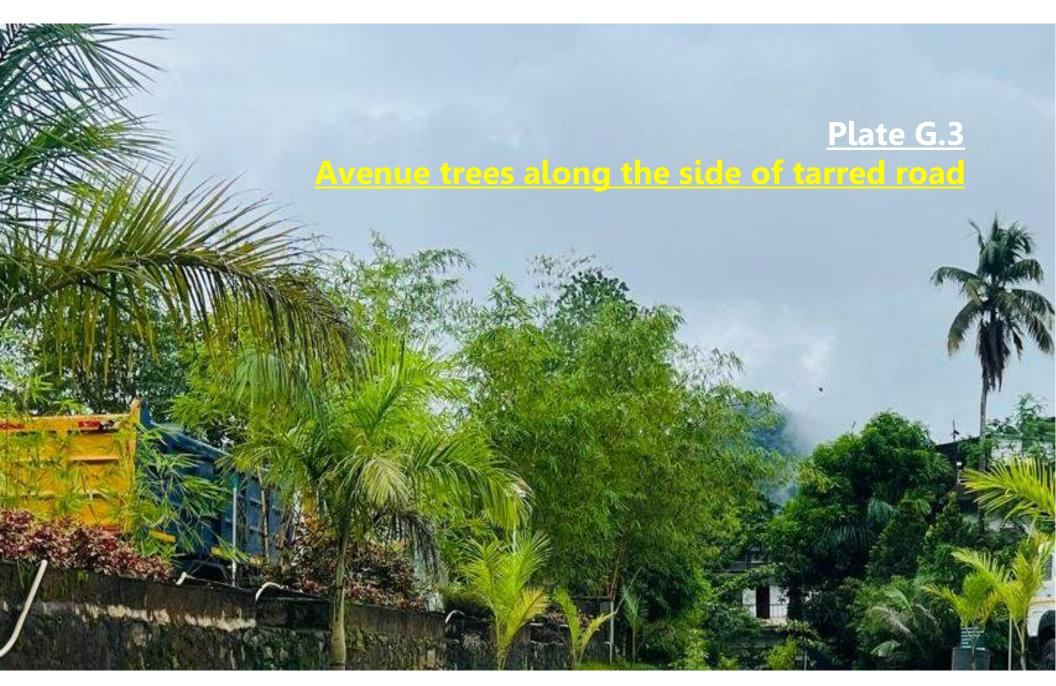
	conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the Directorate of Environment and Climate Change, Govt. of Kerala.	-	
G31	The conditions of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40.	The conditions of Environmental Clearance are prominently displayed in a metallic board.	
G32	The proponent should provide affidavit that all the conditions stipulated in the EC shall be scrupulously followed.	Affidavit was submitted to SEIAA.	

# IV. PLATES



22<sup>nd</sup> EC Compliance report of M/s Cochin Blue Metal Industries Private Limited

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22<sup>nd</sup> EC Compliance report of M/s Cochin Blue Metal Industries Private Limited



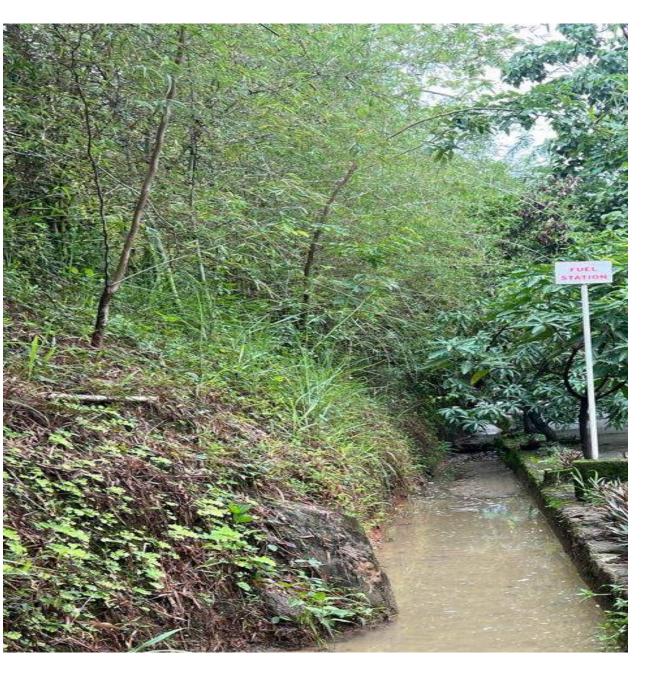
22<sup>nd</sup> EC Compliance report of M/s Cochin Blue Metal Industries Private Limited

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22<sup>nd</sup> EC Compliance report of M/s Cochin Blue Metal Industries Private Limited

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22<sup>nd</sup> EC Compliance report of M/s Cochin Blue Metal Industries Private Limited

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22<sup>nd</sup> EC Compliance report of M/s Cochin Blue Metal Industries Private Limited

# V. ANNEXURE



# Proceedings of the State Environment Impact Assessment Authority Kerala

Present: Prof. (Dr.) K.P. Joy, Chairman, Dr. J. Subhashini, Member, Sri. P.H.Kurian.I.A.S Member Secretary.

Sub: SEIAA- Quarry Project in Sy.No.1/3, 1/4, 1/5, 1/7, 8/2, 8/4, 9/1, 9/2, 9/3, 9/7, 8/3 and 8/2-1 at Ramapuram Village, Ramapuram Pachayath, Meenachil Taluk, Kottayam District Kerala by M/s Cochin Blue Metal Industries Pvt. Ltd.- Extension of period of Validity of E.C - Granted - Orders issued.

### STATE ENVIRONMENT IMPACT ASSESSMENTAUTHORITY

### No.67/SEIAA/KL/7904/2012

dated, Thiruvananthapuram 17.03.2018

Read:- 1. Envir

- Environment Clearance issued vide Proceedings No.67/SEIAA/KL/7904/2012 dt.23.05.2013
- 2. Request from Cochin Blue Metal dt.05.02.2018
- 3. Minutes of the 81st meeting of SEIAA held on 08th March 2018.
- 4. Affidavit dt.16.03.2018 from C.A.Mohammed Iqbal



Environment Clearance had been accorded for the quarry project of M/s Cochin Blue Metal Industries Pvt. Ltd. in Sy.No.1/3, 1/4, 1/5, 1/7, 8/2, 8/4, 9/1, 9/2, 9/3, 9/7, 8/3 and 8/2-1 at Ramapuram Village, Ramapuram Pachayath, Meenachil Taluk, Kottayam District Kerala for an area of 4.8910 hectares vide reference 1<sup>st</sup> cited. The proponent has requested to extend the validity of EC vide reference 2<sup>nd</sup> cited. The proponent has remitted the fees and submitted the updated Form 1.

The matter was placed in the 81<sup>st</sup> meeting of SEIAA held on 08<sup>th</sup> March 2018 and decided to extend the validity for another period of five years. The proponent has submitted the affidavit vide reference 4<sup>th</sup> cited.

In the above circumstances extension of Environmental Clearance for the Quarry Project in Sy.No.1/3, 1/4, 1/5, 1/7, 8/2, 8/4, 9/1, 9/2, 9/3, 9/7, 8/3 and 8/2-1 at Ramapuram Village, Ramapuram Pachayath, Meenachil Taluk, Kottayam District Kerala by Sri.C.A.Mohammed Iqbal, present Director, M/s Cochin Blue Metal Industries Pvt. Ltd is hereby accorded for a further period of five years subject to the terms and conditions stipulated in the EC already issued.

Sd/-P.H.Kurian, I.A.S Member Secretary, SEIAA

To,

Sri.C.A.Mohammed Iqbal
Director,
M/s Cochin Blue Metal Industries Pvt. Ltd.
Choozhikkara, Mathiri P.O Ramapuram
Kottayam – 686 576

### Copy to:

 MoEF Regional Office, Southern Zone, Kendriya Sadan, 4<sup>th</sup> Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.

2. The Additional Chief Secretary to Government, Environment Department, Government of Kerala.

3. District Collector, Kottayam

4. Director, Mining & Geology, Thiruvananthapuram -4.

5. The Member Secretary, Kerala State Pollution Control Board

6. District Geologist, Kottayam

- 7. Tahsildar, Meenachil Taluk, Kottayam
- 8. Chairman, SEIAA.
- 9. Website.

10. S/f

11. O/c



Forwarded/By Order

Administrator, SEIAA

### **COCHIN BLUE METAL INDUSTRIES PVT LTD**

CHOOZHIKKARA METHIRI PO KOTTAYAM 686576

Ledger of CSR RECURRING EXPENSE-KOTTAYAM From 01/10/2023 To 31/03/2024

ate	Referance	Particulars	Debit	Credit Balan
				2000 00
03/10/2023	BP-673	NEFT TO HEAD MASTER GOVT.LP SCHOOL	2000.00	2000.00
		KOOTHATTUKULAM AS A CSR Cheque No.#130328 dated		
		03/10/2023		8000 00
03/10/2023	JV-496	FUND TRANSFER TO ASHRAYA CHARITABLE TRUST-KKLM	4000.00	6000.00
		AS A CSR DONATION FOR THE MONTH OF SEP-2023		24000 00
03/10/2023	BP-687	NEFT TO KRISHNAKUMAR MBV AS A CSR Cheque No.#603	15000.00	21000.00
		dated 03/10/2023		24000.00
03/10/2023	BP-688	NEFT TO D.HARIKRISHNAN AS A CSR Cheque No.#603 dated	10000.00	31000.00
		03/10/2023		
03/10/2023	BP-689	NEFT TO KARUNYA CHARITABLE SOCIETY AS A CSR Cheque	10000.00	41000.00
		No.#604 dated 03/10/2023		04000.00
03/10/2023	JV-497	FUND TRANSFER TO NIRDHANA KUDMBA SAHAYA	20000.00	61000.00
		PADHATHI SCHEME HOLDERS KOTTAYAM (DT) FOR THE		
		MONTH OF SEP-2023		04500.00
04/10/2023	CP-11835	MEDICAL HELP TO SHAJI KUMARAN KARIMPANACKAL	500.00	61500.00
		HOUSE,KALLOORKKAD (PO),		
		KALLOORKAD,MUVATTUPUZHA		24500.00
07/10/2023	CP-12065	CASH PAID TO MANGALAM PUBLICATIONS INDIA PVT LTD	3000.00	64500.00
		FOR AKSHARA JYOTHI SCHEME (NEWS PAPER DISTRIBUTING		
		TO KOOTHATTUKULAM UP SCHOOL)		5500000
20/10/2023	CP-12958	CASH PAID TO SEENAI RESIDENTIAL SCHOOL, UZHAVOOR -	1500.00	66000.00
		CSR DONATION		20200 00
21/10/2023	CP-13112	MEDICAL HELP TO	300.00	66300.00
		BINOY-CHENAIMAKKIL-MANAGALATTHAZHAM		74000 00
21/10/2023	CP-13113	MEDICAL HELP PAID TO KRIPA AJEESH, MADAVANAKUNNEL	5000.00	71300.00
		PERUMKUTTI FOR CANCER TREATMENT		
26/10/2023	CP-13324	MEDICAL HELP TO RAGHAVAN PULIKUNNEL	500.00	71800.00
		(H),AMANAKARA		70000 00
26/10/2023	CP-13325	MEDICAL HELP TO SOMAN NAIR ,MALAYIL (HOUSE)-METHIRI	1000.00	72800.00
04 44 4 70070	CD 13C0F	MEDICAL HELP TO MURALEEDHARAN, PUTHEN VEETIL	500.00	73300.00
01/11/2023	Ch-12002	(H),PALLIKKATHODE,KOTTAYAM (DT)		
02/11/2022	CP-13687	MEDICAL HELP PAID TO ELDHO, KATTAKKA MEPPURATH,	5000,00	78300.00
02/11/2023	CF-13067	PURAPPUZHA		
02/11/2022	DD 770	NEFT TO HEAD MASTER GOVT.LP SCHOOL	2000.00	80300.00
02/11/2023	DF=//B	KOOTHATTUKULAM AS A CSR Cheque No.#130382 dated		
		02/11/2023		
02/11/2023	DD 707	NEFT TO KARUNYA CHARITBALE SOCIETY AS A CSR Cheque	10000.00	90300.00
02/11/2023	DF-/0/	No.#1392153 dated 02/11/2023		
02/11/2023	DD-799	NEFT TO D.HARIKRISHNAN AS A CSR Cheque No.#1392149	10000.00	100300.00
02/11/2023	DF=700	dated 02/11/2023		
02/11/2023	BD-910	NEFT TO KRISHNAKUMAR MBV AS A CSR Cheque No.#NEFT	15000.00	115300.00
02/11/2023	DF-010	dated 02/11/2023		
02/11/2023	11/-700	FUND TRANSFER TO NIRDHANA KUDMBA SAHAYA	20000.00	135300.00
02/11/2023	34-700	PADHATHI SCHEME HOLDERS KOTTAYAM (DT) FOR THE		
		MONTH OF OCT-2023		
02/11/2023	11/-702	FUND TRANSFER TO ASHRAYA CHARITABLE TRUST-KKLM	4000,00	139300.00
OFITTIEUES	34-702	AS A CSR DONATION FOR THE MONTH OF OCT-23		
08/11/2023	CP-14085	MEDICAL HELP TO SUDHEER M.V , VARIATH HOUSE, METHIRI	2000.00	141300.0
00/11/2023	CF-14005	PO,METHIRI (NEIGHBOUR)		
14/11/2023	CP-14300	MEDICAL HELP PAID TO SASI, VALAYIPARAMBIL	1000.00	142300.0
14/11/2023	C 11330	PALAKKUZHA FOR CANCER TREATMENT		
16/11/2023	CD-14515	MEDICAL HELP TO MURALEEDHARAN, PUTHEN VEETIL	300.00	142600.00
10/11/2023	CL-1-313	(H),PALLIKKATHODE,KOTTAYAM (DT)		
22/11/2022	CD-14924	MEDICAL HELP PAID TO JOMON, PULIKKAL HOUSE	300.00	142900.0
22/11/2023	CF-14024	MANGALATHAZHAM		
27/11/2022	CD-15006	CASH PAID TO SIBI DEVASSIA THEKKEYATTATH	10000,00	152900.00
27/11/2023	Ch-120a0	MARANGAD, RAMAPURAM FOR HOUSE CONSTRCUTION		
		INVINITATION TO TAKE TO TAKE TO THE TAKE THE TAK		

### Ledger of CSR RECURRING EXPENSE-KOTTAYAM From 01/10/2023 To 31/03/2024

Date	Referance	Particulars	Debit	Credit Balance
30/11/2023		FUND TRANSFER TO NIRDHANA KUDMBA SAHAYA PADHATHI SCHEME HOLDERS KOTTAYAM (DT) FOR THE	20000.00	172900.00 Dr
01/12/2023	BP-877	MONTH OF NOV-23 NEFT TO HEAD MASTER GOVT.LP SCHOOL KOOTHATTUKULAM AS A CSR Cheque No.#130389 dated	2000.00	174900.00 Dr
01/12/2023	BP-903	01/12/2023 NEFT TO KRISHNAKUMAR MBV AS A CSR Cheque No.#00619	15000.00	189900,00 Dr
01/12/2023	BP-904	dated 01/12/2023 NEFT TO D.HARIKRISHNAN AS A CSR Cheque No.#618 dated	10000.00	199900.00 Dr
01/12/2023	BP-905	01/12/2023 NEFT TO KARUNYA CHARITABLE SOCIETY AS A CSR Cheque No.#620 dated 01/12/2023	10000,00	209900.00 Dr
04/12/2023	CP-15441	MEDICAL HELP TO MURALEEDHARAN, PUTHEN VEETIL (H), PALLIKKATHODE, KOTTAYAM (DT)	500.00	210400.00 Dr
07/12/2023	CP-15602	MEDICAL HELP TO BINOY-CHENAIMAKKIL-MANAGALATTHAZHAM	300.00	210700.00 Dr
07/12/2023	CP-15603	CASH PAID TO THANAL MATHA CHARITABLE SOCIETY TRUST PATHANPURAM	750.00	211450.00 Dr
14/12/2023	CP-16044	CASH PAID TO SEENAI RESIDENTIAL SCHOOL, UZHAVOOR -	1500.00	212950.00 Dr
16/12/2023	CP-16168	CSR DONATION MEDICAL HELP PAID TO GEORGE, THANKAMPURATHEL HOUSE PALAKKUZHA	500.00	213450.00 Dr
16/12/2023	JV-719	129CFT*2 LOAD QUARRY WASTE DONATED TO MARANGAD-OTHINIKUNNU ROAD WORK AGAINST BILL	4060.00	217510.00 Dr
19/12/2023	CP-16274	NO;BU/3463,BU/3464  MEDICAL HELP TO GEORGE-THEKKUMPURATH (H0USE)	2000.00	219510.00 Dr
23/12/2023	CP-16613	-POOVAKKULAM  MEDICAL HELP PAID TO AJITHA SANTHOSH,  CHEMMANAMTHADATHIL HOUSE, METHIRI FOR DIALYSIS	2000.00	221510.00 D
28/12/2023	CP-16762	CSR AMOUNT PAID TO MAHATHMA CHARITABLE TRUST-RAMAPURAM	1500.00	223010.00 Di
02/01/2024	CP-17033	MEDICAL HELP TO SHAJI KUMARAN KARIMPANACKAL HOUSE,KALLOORKKAD (PO), KALLOORKAD,MUVATTUPUZHA	500.00	223510.00 D
02/01/2024	BP-993	NEFT TO HEAD MASTER GOVT, LP SCHOOL KOOTHATTUKULAM AS A CSR Cheque No.#130393 dated 02/01/2024	2000.00	225510.00 De
02/01/2024	JV-765	FUND TRANSFER TO NIRDHANA KUDMBA SAHAYA PADHATHI SCHEME HOLDERS KOTTAYAM (DT) FOR THE MONTH OF DEC-23	20000.00	245510.00 Do
02/01/2024	JV-767	FUND TRANSFER TO ASHRAYA CHARITABLE TRUST-KKLM AS A CSR DONATION FOR THE MONTH OF DEC-23	4000.00	249510.00 D
03/01/2024		MEDICAL HELP PAID TO RAJAN-KOOTHATTUKULAM	1000.00 15000.00	250510.00 D 265510.00 D
05/01/2024	BP-1008	NEFT TO KRISHNAKUMAR MBV AS A CSR Cheque No.#629 dated 05/01/2024	10000.00	275510.00 D
05/01/2024	BP-1009	NEFT TO D.HARIKRISHNAKUMAR AS A CSR Cheque No.#628 dated 05/01/2024	10000.00	285510.00 D
05/01/2024		NEFT TO KARUNYA CHARITABLE SOCIETY AS A CSR Cheque No.#630 dated 05/01/2024 MEDICAL HELP TO BINOY-CHENAIMAKKIL-MANAGALATH	300.00	285810.00 D
10/01/2024		THAZHAM MEDICAL HELP PAID TO SAHADHA, KANGAZHA	500.00	286310.00 D
11/01/2024		MEDICAL HELP TO SOMAN NAIR ,MALAYIL (HOUSE)-METHIRI	500.00	286810.00 D
16/01/2024		NEFT TO SAJI THOMAS-CHAKKANGAL (H) AS A MEDICAL	5000.00	291810.00 D
24/01/2024	CP-18311	HELP Cheque No.#130621 dated 16/01/2024 MEDICAL HELP TO MURALEEDHARAN, PUTHEN VEETIL	300.00	292110.00 D
27/01/2024	CP-18583	(H),PALLIKKATHODE,KOTTAYAM (DT) CASH PAID TO AASRAYAM CHARITABLE SOCIETY-EDAYAR	1000.00	293110,00 D
02/02/2024		NEFT TO HEAD MASTER GOVT.LP SCHOOL KOOTHATTUKULAM AS A CSR FOR THE MONTH OF JAN-24 Cheque No.#130627 dated 02/02/2024	2000.00	295110,00 D

### Ledger of CSR RECURRING EXPENSE-KOTTAYAM From 01/10/2023 To 31/03/2024

Date	Referance	Particulars	Debit C	redit Balan
02/02/2024	BP-1119	FUND TRANSFER TO KRISHNAKUMAR MBV AS A CSR Cheque	15000.00	310110.001
02/02/2021	Di 2223	No.#642 dated 02/02/2024		000440 001
02/02/2024	BP-1122	NEFT TO KARUNYA CHARITABLE SOCIETY AS A CSR Cheque	10000.00	320110.001
		No.#1392165 dated 02/02/2024		330110.00
02/02/2024	BP-1123	NEFT TO D.HARIKRISHNAN AS A CSR Cheque No.#1392164	10000.00	330110.001
		dated 02/02/2024		350110.00
02/02/2024	JV-984	FUND TRANSFER TO NIRDHANA KUDMBA SAHAYA	20000.00	350110.00
		PADHATHI SCHEME HOLDERS KOTTAYAM (DT) FOR THE		
		MONTH OF JAN-24	4000.00	354110,00
02/02/2024	JV-985	FUND TRANSFER TO ASHRAYA CHARITABLE TRUST-KKLM	4000.00	004110.00
		AS A CSR DONATION FOR THE MONTH OF JAN-24	300.00	354410,00
07/02/2024	CP-19182	MEDICAL HELP TO MURALEEDHARAN, PUTHEN VEETIL	300.00	
		(H),PALLIKKATHODE,KOTTAYAM (DT)	500.00	354910.00
09/02/2024	CP-19344	MEDICAL HELP PAID TO SASI, VALAYIPARAMBIL	30000	
	CD 10551	PALAKKUZHA FOR CANCER TREATMENT CSR PAID TO SEENAI RESIDENTIAL SCHOOL, UZHAVOOR -	1500.00	356410.00
13/02/2024	CP-19554			
4 5 402 1202 4	CD 10710	CSR DONATION MEDICAL HELP TO BINOY-CHENAIMAKKIL-MANAGALATH	300.00	356710.00
16/02/2024	CP-19/18	THAZHAM		
16/02/2024	BP-1136	NEFT TO BINO SUNNY, VAACHALIL (H), POOVAKKULAM AS A	10000,00	366710.00
10/02/2024	BF-1130	CSR Cheque No.#130629 dated 16/02/2024		
20/02/2024	JV-944	50CFT R-SAND SUPER DONATED TO AMMINIKUNJU KUTTI	3150.00	369860.00
20/02/2021	3. 3	THURATHEL (H), MARANGAD, RAMAPURAM FOR HER HOUSE		
		CONSTRUCTION		
21/02/2024	CP-20024	CASH PAID TO BINO AUGUSTIN, THEROTT	7500.00	377360.00
22,00,200		HOUSE, PAZHAMALA, RAMAPURAM (PO) FOR HOUSE		
		RECONSTRUCTION WORK		202250 00
22/02/2024	CP-20101	CASH PAID TO ROSA JOHN, ARAKKA VYALIL	5000.00	382360.00
		(H), MARANGAD, RAMAPURAM FOR HER HOUSE FOUNDATION		
		MAINTANANCE	500.00	382860.00
26/02/2024	CP-20363	DONATION PAID TO NANMA CHARITABLE	500.00	302000.00
		SOCIETY-NJEEZHOOR (KTM/TC/69/2021)	2390.00	385250.00
26/02/2024	JV-1129	38 CFT R-SAND SUPER DONATED TO MOHANAN	2390,00	
		PETTAKATHANAM (H),RAMAPURAM AS A CSR	10000.00	395250.00
28/02/2024	CP-20489	MEDICAL HELP PAID TO JOYI K.S., KALACHALIL (H)	1000000	
		METHIRI,RAMAPURAM DUE TO ACCIDENT 70CFT 20MM DONATED TO SUDHEESH VAZHAKKAL AGAINST	3675.00	398925.00
28/02/2024	JV-1128			
	PD 440F	BILL NO;BU/4566 AS A CSR NEFT TO HEAD MASTER GOVT.LP SCHOOL	2000.00	400925.00
02/03/2024	BP-1195	KOOTHATTUKULAM AS A CSR FOR THE MONTH OF FEB-24		
		Cheque No.#130633 dated 02/03/2024		
02/03/2024	TV-987	FUND TRANSFER TO NIRDHANA KUDMBA SAHAYA	20000.00	420925.00
02/03/2024	34-307	PADHATHI SCHEME HOLDERS KOTTAYAM (DT) FOR THE		
		MONTH OF FEB-24		
02/03/2024	JV-988	FUND TRANSFER TO ASHRAYA CHARITABLE TRUST-KKLM	4000.00	424925.00
,,		AS A CSR DONATION FOR THE MONTH OF FEB-24		400000 00000
05/03/2024	BP-1209	NEFT TO KRISHNAKUMAR MBV AS A CSR Cheque No.#644	15000,00	439925.00
		dated 05/03/2024		440005.00
05/03/2024	BP-1221	NEFT TO KARUNYA CHARITABLE SOCIETY AS A CSR Cheque	10000,00	449925.00
		No.#1392178 dated 05/03/2024		459925.00
05/03/2024	BP-1222	NEFT TO D HARIKRISHNAN AS A CSR Cheque No.#1392176	10000.00	459925,00
		dated 05/03/2024		659925.00
06/03/2024	BP-1266	NEFT TO SEETHI HAJI CENTER FOR CHARITIES (SCDTC) AS A	200000.00	055525.50
		CSR (CANCER CENTRE) Cheque No.#1392179 dated		
		06/03/2024	10000.00	669925.00
09/03/2024	CP-21122	MEDICAL HELP PAID TO JISNA JOY, KURIANKUNNEL HOUSE	1000.00	
VORCED CONTRACTOR		METHIRI, RAMAPURAM FOR MILD MENTAL RETARDATION	3000.00	672925.00
12/03/2024	CP-21337	CASH PAID TO GOV LP SCHOOL-MANNATHOOR FOR	2000100	
	PD 04515	SCHOOL ANNIVERSERY	300.00	673225.0
18/03/2024	CP-21616	MEDICAL HELP TO MURALEEDHARAN, PUTHEN VEETIL		
20/22/22	CD 217FF	(H),PALLIKKATHODE,KOTTAYAM (DT) MEDICAL HELP TO BINOY-CHENAIMAKKIL-MANAGALATH	300.00	673525.00
20/03/2024	CP-21755	MEDICAL RELP TO BINO I-OFICIAMINANTIC-MATAGORETIC	ALC: NO.	

### Ledger of CSR RECURRING EXPENSE-KOTTAYAM From 01/10/2023 To 31/03/2024

Date	Referance	Particulars	Debit	Credit	Balance
21/03/2024	CP-21816	CSR AMOUNT PAID TO MAHATHMA CHARITABLE TRUST-RAMAPURAM	1500.00		675025.00 Dr
21/03/2024	CP-21824	CASH PAID TO ORUMA CHARITABLE SOCIETY-NJEEZHUR	1000.00		676025.00 Dr
21/03/2024	BP-1273	(PO)KOTTAYAM  NEFT TO BUDS SCHOOL FOR HEARING IMPAIRED-NILAMBUR RUN BY ERANAD CHARITABLE TRUST Cheque No.#1392187	120000.00		796025.00 Dr
23/03/2024	CP-21926	dated 21/03/2024 MEDICAL HELP PAID TO JOMON,MATTATHIL HOUSE	300.00		796325.00 Dr
27/03/2024	CP-22160	MANGALATHAZHAM  CASH PAID TO SURESH KUMAR AS A MEDICAL HELP	1500.00		797825.00 Dr
	CP-22161	MEDICAL HELP TO GEORGE-THEKKUMPURATH (HOUSE)	2000.00		799825.00 Dr
	CP-22367	-POOVAKKULAM MEDICAL HELP PAID TO ANEESH, ELANJIKKAL HOUSE	5000.00		804825.00 Dr
30/03/2024	BP-1322	PURAPPUZHA NEFT TO VELIYANNOOR BUDS SCHOOL-POOVAKKULAM AS	5000.00		809825.00 Dr
30/03/2024	BP-1323	A CSR Cheque No.#130651 dated 30/03/2024 NEFT TO HEAD MASTER GOVT.LP SCHOOL KOOTHATTUKULAM AS A LOAN Cheque No.#130651 dated	2000.00		811825.00 Dr
30/03/2024	JV-1134	30/03/2024 FUND TRANSFER TO NIRDHANA KUDMBA SAHAYA PADHATHI SCHEME HOLDERS KOTTAYAM (DT) FOR THE	20000.00		831825.00 Dr
30/03/2024	JV-1135	MONTH OF MARCH-24 FUND TRANSFER TO ASHRAYA CHARITABLE TRUST-KKLM	4000.00		835825.00 Dr
30/03/2024	JV-1157	AS A CSR DONATION FOR THE MONTH OF MARCH-24 M SAND & 20MM DONATED TO CICILY KORANOLIKKAL (H)METHIRI FOR HER HOUSE CONSTRUCTION WORK	18520.00		854345.00 Dr
		Total	854345.00		

1399695 Dr

Closing Balance

### **COCHIN BLUE METAL INDUSTRIES PVT LTD**

CHOOZHIKKARA METHIRI PO KOTTAYAM 686576

'n	Ledger of CSR NON-RECURRING	EYDENSES KOTTAYAM F	rom 01/10/2023 To 31/0	3/2024
П	Ledger of CSR NON-RECURRING	EXPENSES-NULLATAM F	rom 01/10/2023 10 31/0	3/2024

Date	Referance	Particulars	Debit	Credit	Balance
18/03/2024	CP-21617	CASH PAID FOR MANGALATH THAZHAM JUNCTION WAITING SHED NIRMANAM-JANAKEEYA COMMITTE	20000.00		20000.00 Dr
		Total	20000.00		
		Closing Balance	48027 Dr		

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ANNEXURE G. 24 (1) Dup: 1 Doct No: 1033 12/2019. गैर न्यायक I have sabsfied my self that the original of this document That been borne by a 8/amp disky y Rupy three latch thurty thous and and free Shrundre (2380500/-) On the 6th day of September 2019 Deepa V. Nayar കേരളo केरल KERALA G 696290 FORM H (See Rule 43) **OUARRYINGLEASE** This deed of lease made on this the 22'nd day of August 2019 between the Governor of Kerala (hereinafter referred to as the "State med Lessor Boom Lessee Clement K Jose, Director, Cochin Blue Metal Industries (P 14AUG 2019 ODRE OBBRIN SIVASANKARAN NAIR STAMP VENDOR MOUSENCE 0871276 MG60732 or (IND-PVT-LTD) LIC. NO. C1, 6376/80 KOTTAYAM 886 002

Doeb Nov 1033 /2/2019 854951. resente - ine Office of the AMIPM as per la No. 123 Doy MC 2019

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as per successioned photograph and imposession of executeur Sub Registrar of Ramapuram and a fee of Rs. \$5495 aid at ...... AM | PM on 6th and of September 210 19 as par enle 32 A. CKENENT K. TOSE CONTE residing at Kariyattil House. Veflappada. Exempor admitted by

CLEMENT K. JOSE Comments

CLEMENT K. JOSE Comments SUB RECISTRAR Theres Son & K. C. Jose, Director Leviding at Kingathst Home Appeared as Directory M/s Cochin Blue Metal Industries put Rtd Laising it Registered office et Best Villa Master Avenue Road
Chelakkottukarapo Therson and its Branch office at Choogh bears
Matter Den Katterian Methier P.o Kottayam. Rely ATHULLTE House Po. PAN AN GAI) Persiend Identified by ASHEER AAC 10 2 5/0 AK. Abdulkader, Manager Adakkapenanili CH) Edathardhy PO. Registered as Doct No. 1033 of BOOK I

9 Sheets 1st Sheet

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Government" which expression shall, where the context so admits be deemed to include his successors and assigns) of the one part and M/s. Cochin Blue Metal Industries Private Limited, Registered Office at: Best Villa, Master Avenue Road, Chelakkottukara. P. O, Thrissur & Branch Office at: Choozhikkara, Methiri. P. O, Kottayam District – 686 576, a Private Limited Company having Corporate Identity No. U14200KL2008PTC022264, represented by its Director, Shri. Clement K Jose, aged 49 years, S/o. K. K. Jose, residing at Kariyattil House, Valapadu. P. O, Near Cross Church, Valapadu Village, Chavakkadu Taluk, Thrissur District - 680567 (Aadhaar No. 8208 3424 5858) (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 4.8910 hectares described in the schedule hereunder and delineated on the plan hereto annexed and therein coloured red (hereinafter called the "said lands") to hold the same for a period of 10 (Ten) years commencing from the 22-08-2019 and ending on the 21-08-2029 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

1. The lessee/lessees shall have the right in and upon the said lands to extract Granite Building Stone (here in after called the said mineral/minerals) and to do all acts necessary for the extraction of the said mineral/minerals including the erection on the said lands, buildings and plant required for the purposes and also to take lead and carry away over the said lands and to dispose of the said minerals extracted as aforesaid.

2. The lessee/lessees shall during the subsistence of this lease have the liberty to work the said mineral/minerals and remove the same from the leasehold on permits issued by the State Government/competent authority or any

Lessee

Clement K Jose,

Director,

Cochin Blue Metal Industries (P) Ltd

KOTTINIAN CONTRACTOR OF THE PROPERTY OF THE PR

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Geologist Dept. of Mining and Geology

District offse Kottayam Civil Shahan Kottayam who is

exempted from personal appearable in this offsee
as pu satism 88 (1) of Indian Registration Act

1908. f. and on behalf of Good of Kevala.

On the 6th day of September 2019

DEEPA. V. NAYAR

SUB REGISTRAR

hegistered as No. 1033 /2019

In Book Volume 33. or Included Plan

Pages 155 to 167/8000 the fee of no duplicante

On the 6th day of September 2019

DEEPA. V. NAYAR
SUB REGISTRAR

other officer authorized by him in this regard. The permits shall be issued only on the basis of pre-paid royalty at the rates specified in Schedule I to these Rules. The royalty rates shall be subject to revision from time to time

as the State Government may order.

3. The lessee/lessees shall pay to the State Government a yearly surface rent equal to the land revenue if any, assessable under the rules for the time. being in force, or if the land be the property of Government or in reserve forest then equal to the land revenue plus cess, if any, per hectare of the land the surface whereof shall be occupied or used by the lessee/lessees for any of the purposes of this deed and so in proportion for any area less than one hectare. The said surface rent shall be paid by yearly payments; the first of such payments to be made on or before the last day of the first year of occupation provided always that no such rent shall be paid or demanded in respect of any roads or ways now in existence.

4. The lessee/lessees shall at all times during the currency of this lease keep correct and intelligible books of account showing accurately the quantity of the said minerals extracted and the weight and value of the said mineral sold or exported together with the names of the purchasers or consignees. The lessee shall also maintain a register of employees showing therein separately men, women employed daily and shall at reasonable times allow the competent authority appointed under the rules (hereinafter referred to as "competent authority") or the officer authorised by him to examine the said books of account and the register of employees and to take copies and extracts there from. The lessee/lessees shall submit reports in Forms F and G on the specified dates.

5. All sums found due under or by virtue of this deed from the lessee/lessees may be recovered from him jointly and severally from them and his/their properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue or in any other manner as the State Government may deem

fit.

6. The lessee/lessees shall at the lessee's/lessees' own expense erect and at all times maintain and keep in repair boundary marks and pillars along the

AMAN NAMPOSTHIRL K. N. SEMOR GEOLOGIST DEPT OF WINDOWS & DECK ONLY DISTRICT DEFICE, KOTTAL GILL Lessee

Clement K Jose,

Director,

Cochin Blue Metal Industries (P) Ltd

boundaries of the said lands according to the demarcation shown in the plan here to annexed.

7. The lessee shall not carry on or allow to be carried on any quarrying operations at or to any points within a distance of 100 metres from any railway line except with the previous written permission of the railway administration concerned and any bridge on National Highway or 50 metres from any reservoir, tanks, canals, rivers, bridges, public roads, other public works, residential buildings, the boundary walls of places of worship, burial grounds, burning ghats or one kilometer from the boundaries of National Park or Wildlife Sanctuaries except with the previous permission of the authorities concerned or the Government or competent authority.

8. The sides of open workings shall be sloped, stepped or secured by the lessee in such a manner as to prevent slope failure, when an open working is worked in steps, steps shall be of sufficient breadth in relation to their height to secure safety. In open workings trees liable to fall and all loose ground and material shall be removed by the lessee sufficiently far from the edge or otherwise made source in order to prevent danger to persons

employed in the quarry.

9. If a working place is found to be unsafe all persons shall be withdrawn by the lessee/lessees immediately from the dangerous area and all access to such working place except for the purpose of removing the danger of saving life shall be prevented by securely fencing the full width of all entrances to

the place.

10. The lessee/lessees shall at all reasonable times allow any officer authorised by the Central Government or by the State Government in that behalf to inspect the said lands and the buildings and plants erected thereon and the lessee/lessees shall assist such persons in conducting the inspection and afford them all information they may reasonably require, and shall conform to and observe all orders which the Central and State Governments as the result of such inspection or otherwise, may from time to time pass.

11. The lessee shall be responsible for implementing the provisions of the

Various labour laws applicable, from time to time, to the quarry.

DAMAN NAMPORTHIEL K. N. SENIOR - DEDCIST DEPT, OF MINING 4 61 DISTRICT OFFICE KOTTAVA CIVIL STATISTICS ADT. LYSS.

Lessee

Clement K Jose,

Director.

Cochin Blue Metal Industries (P) Ltd

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12. The lessee/lessees shall not assign or underlet the said lands or any part thereof or the rights or privileges, therein hereby granted or any of them without the previous permission in writing of the State Government / competent authority.

13. Where the lease or any right, title or interest therein has been assigned, sublet or transferred as provided in rule 45 read with condition 12, then the person in whose favour such assignment, sublease or transfer has been made shall be responsible for implementing the provisions of the various

labour laws applicable, from time to time, to the quarry.

14. The lease may be surrendered by the lessee/lessees at any time after 3 months notice in writing to the State Government/competent authority provided the lessee/lessees has/have paid all sums due on account of the lease: Provided that if the lessee/lessees elects/elect to determine this lease before the expiry of the term of the lease, shall pay in addition to other dues a sum equal to the dead rent payable for the remaining part of the term of the lease deed.

15. If the lessee/lessees shall be desirous of taking a further lease of the said lands he/they shall give three months' previous notice in writing of such desire to the State Government/competent authority and if the lessee/lessees has/have duly observed all the conditions of this lease, the State Government/competent authority may agree to renew the lease for such further term and on such terms and conditions as the State Government/competent authority may determine which shall be in

accordance with the provisions of these rules.

16. If the lessee/lessees shall at any time during the said term use the said lands or any part thereof in any manner other than as authorised by this lease or fail to carry on quarrying operations continuously without sufficient cause of which the State Government/competent authority shall be the judge or shall commit a breach of any of the conditions of this lease it shall be lawful for the State Government/competent authority to cancel this lease and take possession of the said lands or the alternative to receive from the lessee/lessees such penalty not exceeding Rs. 25,000/- (Rupees twenty five

Lessee

Clement K Jose,

Director,

Cochin Blue Metal Industries (P) Ltd

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thousand only) for the breach as the State Government/competent authority

may fix.

17. If at the expiration of three calendar months after the expiry of the lease or its sooner determination, there shall remain in or the said lands, any engines, machinery, plant buildings, structures and other works, erections and conveniences, the said minerals or other property which the lessee is/lessees are entitled to remove from the said lands, the same shall, if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal be given to the lessee/lessees by the State Government/competent authority be deemed to become the property of the State Government in such manner as they may deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.

18. This lease subject to all rules and regulations which may from time to time be issued by the State Government regulating the working of the quarries and other matters affecting safety, health and convenience of the lessee's/lessees' employees or of the public, whether under the Indian

Mines Act or otherwise.

19. The lessee/lessees shall without delay send to the District Collector and the competent authority or the officer authorised by him in this regard report of any accident causing loss of life or serious bodily injuries or seriously affecting or endangering life or property which may at any time occur at or in the said lands in the course of operations under this lease.

20. The lessee/lessees shall furnish such reports and returns relating to output, labourers employed and other matters as the State Government may

prescribe.

21. The lessee/lessees shall make and pay such reasonable compensation as may be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify and shall keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.

Lessee

Clement K Jose,

Director,

Cochin Blue Metal Industries (P) Ltd

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22. Any condition prescribed in the Kerala Minor Mineral Concession Rules, 2015 but left out in this lease which may be found applicable to the lessee / lessees shall be treated as binding on the lessee/lessees.

23. In this case, the anticipated royalty to be remitted for the mineral extracted per year at the present rate of royalty of Rs. 24/- per tonne with proposed average annual production of 1,70,000 tonne is Rs. 40,80,000/- (Rupees forty lakhs and eighty thousand only) and may enhance the quantity of production and period of lease with the prior permission of the lessor and registration of the lease deed accordingly.

24. In this case, the surface rent to be remitted per year at the present rate of Rs. 5/- per Are per year is Rs. 2,446/- (Rupees two thousand four hundred and forty six only) and the refundable Security Deposit is Rs. 48,910/- (Rupees forty eight thousand nine hundred and ten only).

and in the event of non functioning of Quarry the dead rent to be realised for the I<sup>st</sup> year Nil, II<sup>nd</sup> year Rs.300/- (Rupees Three Hundred only) and III<sup>rd</sup> year onwards Rs 1200/- (Rupees One Thousand and Two hundred only) Per Hectare subject to revision time to time.

### List of Prior Documents

- 1. Sale Deed No. 915/2008 of S.R.O. Ramapuram
- 2. Sale Deed No. 962/2008 of S.R.O. Ramapuram
- 3. Sale Deed No. 1116/2008 of S.R.O. Ramapuram
- 4. Sale Deed No. 443/2008 of S.R.O. Ramapuram
- 5. Sale Deed No. 1526/2008 of S.R.O. Ramapuram
- .6. Sale Deed No. 1456/2008 of S.R.O. Ramapuram
- 7. Sale Deed No. 1292/2008 of S.R.O. Ramapuram
- 8. Sale Deed No. 1153/2008 of S.R.O. Ramapuram
- 9. Sale Deed No. 1283/2008 of S.R.O. Ramapuram
- 10.Sale Deed No. 1187/2008 of S.R.O. Ramapuram
- 11. Sale Deed No. 1018/2008 of S.R.O. Ramapuram

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Lessee Clement K Jose, Director,

Cochin Blue Metal Industries (P) Ltd



### SCHEDULE OF DESCRIPTION OF LAND

District Taluk

: Kottayam Meenachil

Sub District	: Ramapur	ram	
Village	Re – Survey Block No.	Re - Survey Nos.	Lease Area in Hectares
Ramapuram	26	1/3	0.1220
- Do -	26	1/4	0.7970
- Do -	26	1/5	0.2520
- Do -	26	1/7	0.1700
- Do -	26	8/2	0.5373
- Do -	26	8/2/1	0.4047
- Do -	26	8/3	0.3640
- Do -	26	8/4	0.5740
- Do -	26	9/1	0.6580
- Do -	26	9/2	0.5580
- Do -	26	9/3	0.3980
- Do -	26	9/7	0.0560
- D0 -	Total Area in Hecta	res	4.8910

Old Survey No. 41/1, 331/2, 329/4/1, 329/4/2, 329/2, 328/5, 42/1, 329/4 Bounded by Survey No:

On the North by

: Re - Survey Nos.171, 172/1 (Idukki District)

On the East by

: Re - Survey Nos. 178/1 (Idukki District) &

9/8, 9/5, 9/9 (Kottayam District)

On the South by

: Re - Survey Nos. 5/1, 5/2, 5/4, 5/5

(Kottayam District)

On the West by

: Re - Survey Nos. 2/5, 2/4, 2/3, 2/6/1, 1/2

(Kottayam District)

Lessor

Lessee Clement K Jose, Director,

Cochin Blue Metal Industries (P) Ltd

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In witness whereof the parties hereto have set their hands here unto on the day and year first above written. Signed by ..... for and on behalf of the Governor of Kerala. In the presence of (1) Shomeers, clerk, pepterming & Geology Distellic Kustyan & P. Sathert Shandhan Mineral Reveau Inspection Mining & Geology Dist office dhy for and on behalf of the lessee/lessees In the presence of (1) ASHEEB. AA S/O A.K ABDULKADER ADAKKAPARAMBILCH) EDATHIRUTHY 80 THRISSUR (2) UNNIKIBISHNAN ARIYATHULLIL (H) PANANGAD PO THRISSUR Pan Card No of Company AADCC3815D Prepared By C.M.SHAJAHAN, L-No KDA-553 S/o C.A.Muhammed, Chathankottu (H), Kummanam P.O, This Document is Computer Printed, Corrections Nil. Lesson Lessee Clement K Jose, Director, Cochin Blue Metal Industries (P) Ltd DISTRICT OFFICE KOTTATAL CIVIL STATION, KOTTAYED

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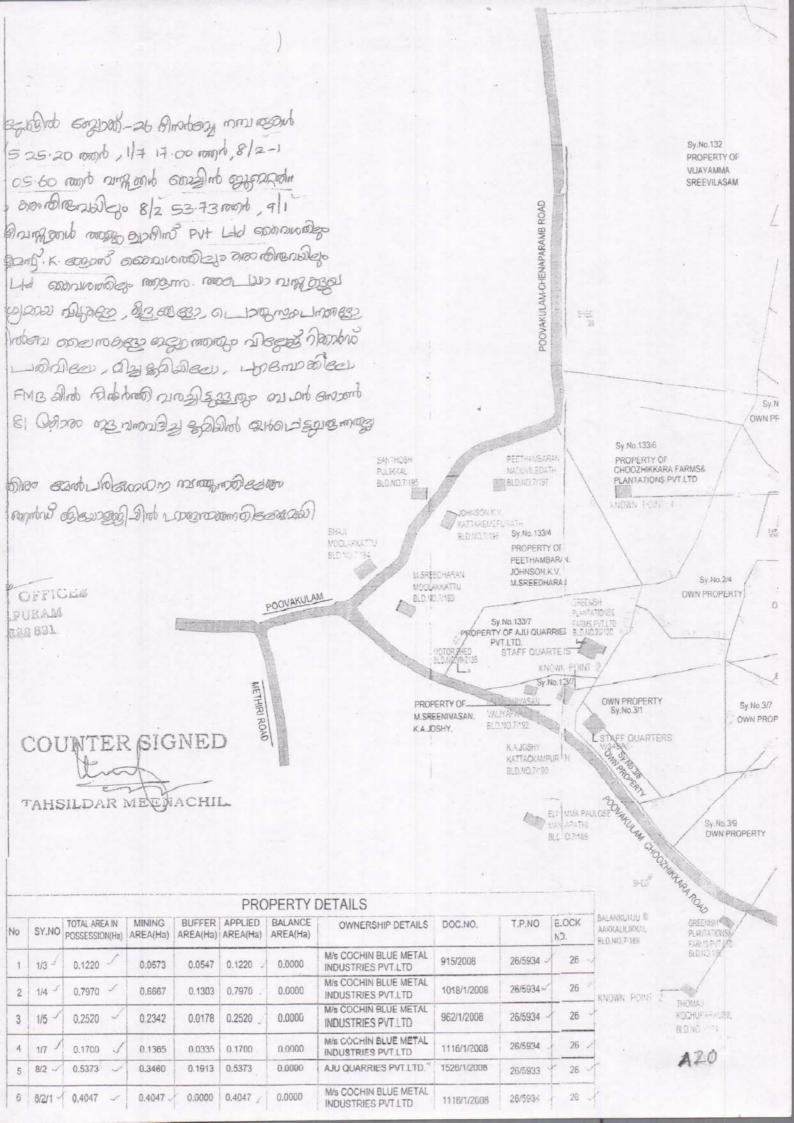
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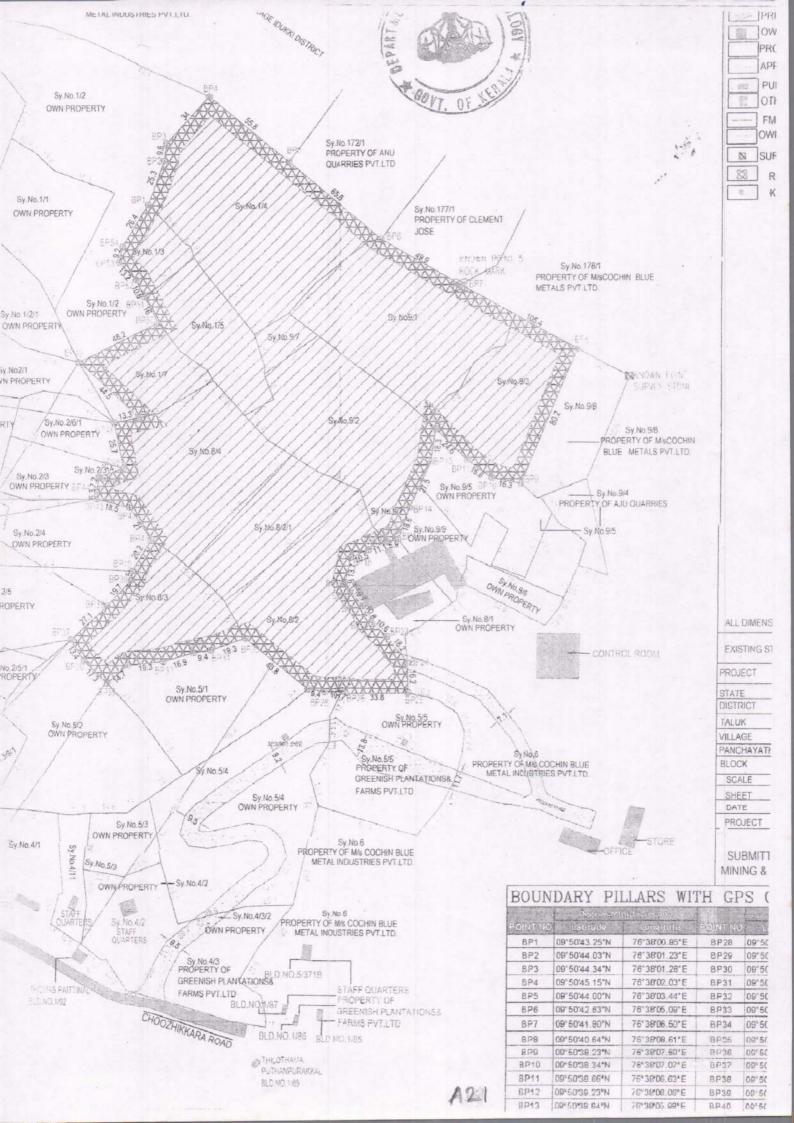
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# Govt. of India Ministry of Labour & Employment Directorate General of Mines Safety Southern Zone, Bengaluru Region

\* \* \* \* \*

No.SZ/BGR/P-05/106(2)(b)/2012-13/14/77

Bengaluru, Dated, the 50 2012

From
Director of Mines Safety,
Bengaluru Region, Southern Zone,
#5, 17<sup>th</sup> Main, 100 ft. Road,
4<sup>th</sup> B-Block, Koramangala,
Bangalore-560 034, Karnataka.

To Shri P.K.Jaieel, Managing Director of M/s Cochin Blue Metal Industries (P) Ltd., and Nominated Owner of Cochin Blue Metal Mine. R/o Best Vill, Master Avenue Road, Mundupalam, P.O. Chelakkottukarm – 680 005, Trissur district State KERALA.

Sub.:- Permission under Reg. 106(2)(b) of the Metalliferous Mines Regulations, 1961 for deployment of HEMM and to conduct deep hole blasting in Cochin Blue Metal Mine of M/s Cochin Blue Metals Industries (P) Ltd.

Dear Sir,

Please refer to your letter No. CBM/106(2)(b)/2012/8 dated 7-1-2012, letter No. CBM/APPT/First Class Manager/2012 dated 7-5-2012 and letter No. CBM/106(2)(b)/2012/8-2 dated 31-01-2012 on the subject matter mentioned above.

The matter has since been examined in the light of what has been stated in your application. In exercise of the powers conferred on the Chief Inspector of Mines under the provisions of clause (2)(b) of Regulation 106 of the Metalliferous Mines Regulations, 1961 and by virtue of the authorization granted to me by the Chief Inspector of Mines (also designated as Director-General of Mines Safety) under Section 6(1) of the Mines Act, 1952, I hereby grant permission under Regulation 106(2)(b) of the Metalliferous Mines Regulations,1961 to work by deploying Heavy Earth Moving Machinery and Deep Hole Blasting at Cochin Blue Metal Mine of M/s Cochin Blue Metals Industries (P) Ltd., subject to the conditions enumerated in the enclosed ANNEXURE – MMR 106(b)(2)(b) being strictly complied with.

1.1 This permission is being granted under Regulation 106(2)(b) of the Metalliferous Mines Regulations only, without prejudice to any other statutory requirements, which may be or may become applicable at any time.

- 1-2- ANFO shall not be used unless a proper licence for same is obtained from competent authority.
  - 1.3 This Directorate shall be informed as soon as mining operations are commenced in accordance with the above permission. Intimation about completion of mining operation should also be sent promptly and in any case not later than one month thereof.
  - 1.4 If at any time any one of the conditions subject to which this permission has been granted is violated or not complied with, this permission shall be deemed to have been revoked with immediate effect
  - 1.5 It may be amended, modified or withdrawn at any time should it be considered necessary in the interest of safety.
  - 1.6 In the event of any change in the circumstances connected with this permission which is likely to endanger the life of persons employed in the mine or the mine, the mining operations for which this permission has been granted, shall be stopped forthwith and intimation thereof shall be sent to the undersigned. The said mining operations shall not be resumed without express and a fresh written permission from this Directorate.

Kindly acknowledge the receipt of the letter.

Yours faithfully

Director of Mines Safety Bengaluru Region (SZ)



ലൈസൻസ് നമ്പർ: എ4-1090/20

തീയതി:24/03/2020

# രാമപുരം ഗ്രാമ പഞ്ചായത്തിൽ നിന്നും

1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13)232, 233,234, 254 എന്നീ വകുപ്പുകൾ പ്രകാരവും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു നൽകുന്ന

## ഐ ഫ് റ്റി ഇ & ഒ എസ് ലൈസൻസ്

ലൈസൻസുടമസ്ഥന്റെ പേരും മേൽ വിലാസവും	Clement K Jose Director, Cochin Blue metal Industries Pvt.ltd.  Methiry P O  Kottayam			
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	Cochin Blue Metals Industries Pvt.Ltd.  Methiry			
എന്താവശൃത്തിന് ലൈസൻസ് അനുവദിച്ചു എന്ന്	Quarry - 100 HP			
കെട്ടിടത്തിന്റെ നമ്പരും, വാരഡു നമ്പരും	Survey 1/3,1/4, 1/5, 1/7, 8/2,8/2-1, 8/3, 8/4,9/1,9/2,9/3,9/7 in Ramapuram Village			
ലൈസൻസിന്റെ കാലാവ	01/04/2020 -31,	/03/2025		
ലൈസൻസ് ഫീസ് തൊഴിൽ നികുതി	LF:60000 PT: 12500	วสบใช้ สสมชิ		
	HP:10000	119040107260/27.02.2020		
ഹാജരാക്കിയ രേഖകൾ	3. Licence from chief controller of Explosives			
ചിമാര്ക്സ്	ചാവനത്തിലുണ്ടാകുന്ന പ്രസ്തിക് മാലിനൃങ്ങൾ ഹരിത കർമ്മസേനാംഗങ്ങൾ വഴി നിക്കാ ചെയ്യണമെന്ന് കർശനമായി നിർദൃശിക്കുന്നു			



Secretary
Ramapuram Gramapanchayath
Ramapuram Bazar P.O.
PIN:686 576



ലൈസൻസ് നമ്പർ: എ2-21 (1151/19)

തീയതി:28.03.2019

### -രാമപുരം ഗ്രാമ പഞ്ചായത്തിൽ നിന്നും

1994 ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994 ലെ 13)232, 233,234, 254 എന്നീ വകുപ്പുകൾ പ്രകാരവും അതേ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിച്ചു നൽകുന്ന

### ഐ.എഫ്.റ്റി.ഇ & ഒഎസ് ലൈസൻസ്

ലൈസൻസുടമസ്ഥന്റെ പേരും മേൽ വിലാസവും	Clement K Jose Director,Cochin Blue metal Industries Pvt. Ltd. Methiri P O Kottayam		
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	Cochin Blue Metal Industries Pvt. Ltd. Methiri		
എന്താവശൃത്തിന് ലൈസൻസ് അനുവദിച്ചു എന്ന്	Production & Sale Of M Sand & Metal Aggregates 1740 H P		
കെട്ടിടത്തിന്റെ നമ്പരും, വാർഡു നമ്പരും	Sy.7/2,8/1,9/6,9/9,9/4,8/2,9/1,9/5,9/7,1/5,1/4,1/3,7/1, 1/7,8/2/1,9/2,9/3,9/8,10/1,10/2,12/2/1,12/2,12/1/1,12/1/2 in Ramapuram Village		
ലൈസൻസിന്റെ കാലാവധി	01.04.2019	- 31.12.2023	
ലൈസൻസ് ഫീസ് തൊഴിൽ നികുതി	LF :35000 PT : 12500	രസീത് നമ്പർ	
	H P:17400	118040107810/20.03.2019	
ഹാജരാക്കിയ രേഖകൾ	1. Consent of P C B	R15KOT984929 Dtd. 01.02.2019	
റിമാർക്സ്		E M.	



Suggestary .

Ramapuram Grama Panchayath രാമപുരം സ്റ്റിപ്പെട്ടുയത്ത് Bazar P.O.

PIN:686 578

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### ലൈസൻസുടമസ്ഥൻ താഴെപ്പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്നു.

- പഞ്ചായത്ത് രാജ് ആക്ടും അതേ തുടർന്നുളള ചട്ടങ്ങളും അനുസരിക്കേണ്ടതാകുന്നു.
- മാച്ച, അണുകൾ ,പൊടി മുതലായവയുടെ ശല്യം ഉാകാത്ത വിധത്തിലും സൂക്ഷിക്കോഗാണുകൾ ഉണ്ടാകാത്ത വിയത്തിലും പൊതുജനോപദ്രവമാകാത്ത വിധത്തിലും വൃപാരത്തിന് വച്ചിട്ടുളള ഭക്ഷണസാധനങ്ങൾ ഈച്ച, അണുകൾ ,പൊടി മുതലായവയുടെ ശല്യം ഉാകാത്ത വിധത്തിലും സൂക്ഷിക്കേ-താണ്.
- 3. തൊഴിൽ സ്ഥലവും, അതിലുളള സാധനസാമഗ്രികളും പഞ്ചായത്തധികാരികൾക്കോ/ സെക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസുടമസ്ഥൻ വേണ്ടി സൗകര്യം നൽകേണ്ടതും , അവർ ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേ-തുമാകുന്നു.
- പഞ്ചായത്തിൽ നിന്നും അനുവാദം സിദ്ധിച്ച ശേഷമല്ലാതെ തൊഴിൽ സ്ഥലം മാറ്റാവുന്നതല്ലാത്തതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മുൻകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
- ഏതൊരു പ്രവൃത്തി ദിവസത്തിന്റെയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാകുന്നു.
- ഒ. ആ സ്ഥലത്തിന്റെയോ ,പുരയിടത്തിന്റെയോ ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിക്ഷേപിക്കപ്പെടുന്ന ചപ്പുചവറോ , മൃഗങ്ങളുടെ തു□ുകളോ മറ്റ് പദാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരമായ രീതിയിൽ നീക്കം ചെയ്യേണ്ടതാണ്.
- 7. ലൈസൻസുകാരൻ ഏതൊരു കെട്ടിടത്തിന്റെയും ചുമരുകളുടെ അകവശത്തിന്റെ ഏതൊരു ഭാഗവും മേൽപ്പറഞ്ഞ പുരയിടത്തിലുള്ള തറയും നടപ്പാതയും അവിടെ തെറിച്ച് വീഴാനിടയുള്ള ഏതെങ്കിലും ദ്രാവകമോ മാലിനുമോ ചപ്പുചവറോ അസഹൃമോ, ഉപദ്രവകരമായ എന്തെങ്കിലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്ക വിധം എപ്പോഴും നന്നായും കേടുപാട് തീർത്തും വയ്പ്പിക്കേണ്ടതാണ്.
- ലൈസൻസുകാരൻ മേൽപ്പറഞ്ഞ പുരയിടത്തിലോ , അതോടു ചേർന്നോ ഉളള ഏതൊരു ഓവുചാലും അഴുക്കുജലം കളയുന്നതിനുളള ഉപകരണവും എപ്പോഴും നന്നായും കേടുപാടു തീർത്തും വയ്പ്പിക്കേ ണ്ടതാണ്.
- ഏതെങ്കിലും തരത്തിലുളള കുഷ്ടരോഗമോ , വ്രണമോ ഉളള യാതൊരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന യാതൊരു പരിസരത്തും പ്രവർത്തിക്കാൻ പാടില്ലാത്തതാകുന്നു.
- 10. ഏത് സ്ഥലത്തിന്റെ കാരൃത്തിൽ ലൈസൻസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്ക വണ്ണമുളള ഒരു ഭാഗത്ത് ലൈസൻസുകാരൻ തന്റെ പേരും ലൈസൻസിന്റെ നമ്പരും , ഉദ്ദേശവും കാണിക്കുന്ന ഒരു അടയാളപ്പലക വച്ചിരിക്കേ□താണ്.
- 11. അയിത്തം ആചരിക്കുന്ന കടകളുടെ ലൈസൻസ് റദ്ദു ചെയ്യുന്നതാണ്.
- മുകളിൽ കാണിച്ചിരിക്കുന്ന വ്യവസ്ഥകളിൽ ഏതെങ്കിലും ലംഘിക്കുന്ന പക്ഷം ഈ ലൈസൻസ് റദ്ദു ചെയ്യുന്നതാണ്.
- സ്ഥാപനത്തിന്റെ നെയിംബോർഡിൽ സ്ഥലപ്പേര് ഇംഗ്ളീഷിലും , മലയാളത്തിലും രേഖപ്പെടു ത്തിയിരിക്കണം
- 14. 40 മൈക്രോണിൽ താഴെയുളള പ്ലാസ്റ്റിക്ക് ക്യാരി ബാഗുകളോ കപ്പുകളോ ഉപയോഗിക്കുന്നത് ശിക്ഷാർഹമായിരിക്കും.
- 15. ഭക്ഷ്യസാധനങ്ങൾ വിൽക്കുന്നവർ നിർബന്ധമായും ഫുഡ് സേഫ്റ്റി ഡിപ്പാർട്ട്മെന്റിൽ നിന്നുളള ലൈസൻസ് എടുത്തിരിക്കണം.

PIN: 886 576

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PAMMPURAM BAZAR PO. KOTKING

Secretary

Ramapuram Grama Panchayath

Ramapuram Bazar P.O.

PIN:686 576

A25



#### KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/KTM/QR/147/2010

Date of issue :28/03/2018

#### INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No: PCB/KTM/ICO/R3/4302/2018

Ref: 1.Consent No:PCB/KTM/ICO/R2/2341/2015 DATED 29.06.2015

The 'Integrated Consent to Operate' issued as per reference above to M/s Cochin Blue Metal Industries Pvt. Ltd. (Quarry Unit), Methiri P.O.Kottayam, is hereby renewed up to 30/06/2023 and issued to M/s Cochin Blue Metal Industries Pvt. Ltd. (Quarry Unit), Methiri P.O.Kottayam. 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	Validity	30/06/2023
2	Survey No	1/7, 1/3, 1/5, 9/2, 9/7,8/2,8/3,8/2-1
3	Total Area	2.4640 HECTARES
4	Category	RED
5	Amount Paid	Rs.90000/-

#### II. Stack Details

Stack No.	Source of	Emission	Stack Heig	ght above	Control
	Emission	Rate(Nm3/Hr)	Ground Level(In Meters)	Roof Level(In Meters)	Equipment

#### III. CONDITIONS

- 3.1. This consent is granted on the basis of the environmental Clearance, affidavit and particulars submitted by the applicant and any violation or noncompliance will lead to withdrawal of the consent and stringent action.
- 3.2. The PM10 in ambient air at the boundary shall not exceed 100 µg/m3.

- 3.3. The PM2.5 in ambient air at the boundary shall not exceed 60 µg/m3.
- 3.4. For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring system on or before 31.03.2023. Late application will be accepted with a fine or late fee as applicable.
- 3.5. The quarry activities shall not be carried out without valid environmental clearance and other statutory licence.

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

### SHIJU M A

Digitally signed by SHIJU M A Date: 2018.03.28 14:38:04 +05'30'

DATE: 28/03/2018

SIGNATURE & SEAL OF ISSUING AUTHORITY ENVIORNMENTAL ENGINEER, DISTRICT OFFICE KOTTAYAM



To
M/s.Cochin Blue Metal Industries Pvt. Ltd. (Quarry Unit),
Methiri P.O.
Kottayam.

- 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.



#### KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/KTM/QR/312/2012

Date of issue :28/03/2018

#### INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No: PCB/KTM/ICO/R2/4301/2018

Ref: 1.Consent No:PCB/KTM/ICO/1982/2013 DATED 11/03/2013 2.Consent No:PCB/KTM/ICO/R1/2847/2015 DATED 02.09.2015

The 'Integrated Consent to Operate' issued as per reference above to M/s Cochin Blue Metal Insustries Pvt. Ltd [Quarry Unit], Methiri P.O.,Kottayam, is hereby renewed up to 30/06/2023 and issued to M/s Cochin Blue Metal Insustries Pvt. Ltd [Quarry Unit],Methiri P.O.,Kottayam. 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	Amount Paid	Rs.90000/-
2	Category	RED
3	Capital Investment	Rs.68 Lakhs
4 Survey No 1/4,9/1,9/3		1/4,9/1,9/3
5	Machinery Capacity	360 HP
6	Total Area	1.85.30 Hectares
7	Validity	30/06/2023

#### II. Stack Details

Stack No.	Source of	Emission	Stack Heig	ght above	Control Equipment
TO SEE	Emission	Rate(Nm3/Hr)	Ground Level(In Meters)	Roof Level(In Meters)	

#### III. CONDITIONS

- 3.1. This consent is granted on the basis of the environmental Clearance, affidavit and particulars submitted by the applicant and any violation or noncompliance will lead to withdrawal of the consent and stringent action.
- 3.2. The PM10 in ambient air at the boundary shall not exceed 100 µg/m3.
- 3.3. The PM2.5 in ambient air at the boundary shall not exceed 60 µg/m3.
- 3.4. For renewal of the consent in case of continuance of discharge/operation of the industry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring system on or before 31.01.2019. Late application will be accepted with a fine or late fee as applicable.
- 3.5. The quarry activities shall not be carried out without valid environmental clearance and other statutory licence.

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

SHIJU M A

Digitally signed by SHIJU M A Date: 2018.03.28 14:45:02 +05'30'

DATE: 28/03/2018

SIGNATURE & SEAL OF ISSUING AUTHORITY ENVIORNMENTAL ENGINEER, DISTRICT OFFICE KOTTAYAM



To

M/s.Cochin Blue Metal Insustries Pvt. Ltd [Quarry Unit],
Methiri P.O.,
Kottayam,

Application No:6976339

- 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.



### KERALA STATE POLLUTION CONTROL BOARD

FILE NO.: KSPCB/KT/ICO/10049111/VAR/2024

Date of issue: 04-03-2024

### CONSENT VARIATION ORDER

Consent No: KSPCB/KT/ICO/10049111/VAR/2024

Valid up to: 16/03/2028

Ref: 1. Consent no. PCB/KTM/ICO/R3/4302/2018 dated 28.03.2018 with a validity up to 30.06.2023

- Consent no. PCB/KTM/ICO/4495/2017 dated 18.05.2017 with a validity up to 31.12.2019
- 3. Consent no. PCB/KTM/ICO/R2/4301/2018 dated 28.03.2018 with a validity up to 30.06.2023
- 4. Consent Variation no. R15KOT984580 dated 02.05.2019 valid up to 16.03.2023.
- 5. Consent KSPCB/KT/ICO/10015518/2024 dated on 03-03-2023 valid up to 16-03-2024.

The Integrated Consent to Operate issued as per reference above to

M/s Cochin Blue Metal Industries Pvt. Ltd - Quarry Unit , Cochin Blue Metal Industries Pvt. Ltd - Quarry Unit, Methiri P.O ,Kottayam is hereby modified & issued to M/s Cochin Blue Metal Industries Pvt. Ltd - Quarry Unit, Methiri P.O ,Kottayam.

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.

S.No.	Items	Description	
1	Category	Red	
2	Capital Investment (Rs in Lakhs)	200	
3	Annual Fee (Rs)	30,000/	
4	Fee Remitted (Rs)	1/(Rs 1,50,000 remitted vide application no. 18144087 in OCMMS).	
6	Activity/Product	Quarrying of Granite Building Stones from 4.8910 Hectares of Land as per the Approx Mining Plan.	

8	Machinery details	Compressor – 2 nos, Hitachi – 2 nos, Breaker – 2 nos	
7	Sy no.	1/3 ,1/4 ,1/5 ,1/7 ,8/2 ,8/4 ,9/1 ,9/2 ,9/3 ,9/7 ,8/3 ,8/2-1 of Ramapuram Village	

#### CONDITIONS

- 3.1. This consent is granted taking the validity of Environmental Clearance Certificate issued by SEIAA as equivalent to mine life as per letter dated 12.10.2023 of the District Geologist and as per clarification letter dated 02.03.2024 of the Chairperson of the Board and is issued subject to the power of the Board to review and make variation in the conditions or revoke the consent as the Board deems fit.
- 3.2. The Validity of this consent is subject to subsequent Government Order & direction/judgement of Honorable Supreme Court of India, High Court, and National Green Tribunal.
- 3.3. No change, deviation or alteration that may affect the environment, extent and location of quarry shall made.
- 3.4. Any change in particulars furnished in the application/the identity of the occupier/ authorized agent is to be intimated to the Board forthwith.
- 3.5. There shall be a minimum distance of 50m/100m as applicable from boundary of quarry operating area to residential building, place of worship, public buildings, public road having vehicular traffic, river or lake, railway line, bridges etc.
- 3.6. Quarrying shall be done only within the area marked in the location plan.
- 3.7. Quarrying area shall be earmarked before commencement of quarrying activities as per this consent.
- 3.8. The applicant shall put up sign boards near the main entrance of the plant to display consent number & validity.
- 3.9. After completion of excavation at any site, the abandoned quarry shall be utilized for rain water harvesting with protective barriers/ any other suitable approved purpose or may be reclaimed as per specification.
- 3.10. Proper fencing/barriers shall be provided and maintained all around the abandoned deep quarry pits to avoid accidents.
- 3.11. Mining below normal water table by continuous pumping shall be avoided in summer period (March, April & May) to prevent drinking water shortage in that area.
- 3.12. Noise creating activities such as drilling, blasting, breaking loading etc shall not be done during night time (6pm 6am).
- 3.13. Blasting shall be done at specified time with prior signals to avoid accidents.
- 3.14. The PM10 in ambient air at the boundary shall not exceed 100 micro gram/cubic meter.
- 3.15. The Sound level (Leq) at 1m outside the boundary of the site and near residential locations should not exceed the ambient noise standard applicable to the adjoining areas.
- 3.16. "The consent issued from the Board will be valid only for a period during the period when all other 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". The consent unless withdrawn earlier and subject to condition no. 3.1 & 3.2 shall be valid up to 16.03.2028.
- 3.17.No other machinery other than that in item 8 of this consent shall be operated without prior Consent of the Board.
- 3.18. Mining shall be done as per the approved mine plan and excess mining will result in the Board levying excess Environmental Compensation.



#### SIGNATURE OF ISSUING AUTHORITY

#### SENIOR ENVIRONMENTAL ENGINEER

To

M/s Cochin Blue Metal Industries Pvt. Ltd - Quarry Unit Cochin Blue Metal Industries Pvt. Ltd - Quarry Unit Methiri P.O ,Kottayam

E-Mail: cochinbluemetals@gmail.com

Contact Number: 8086966966,

- 1. This digitally signed document is legally valid as per the Information Technology Act 2000
- 2. For verifying this document please go to www.keralapcbonline.com and search using Certificate Number/Name of the unit/Application Number in "Certificate Verification" link in the home page of the Board's Phoenix website.



### KERALA STATE POLLUTION CONTROL BOARD

FILE NO.: KSPCB/KT/ICO/10038557/2023

Date of issue: 07-10-2023

#### INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No: KSPCB/KT/ICO/10038557/2023

Valid upto: 30-06-2028

Ref 1 Consent No: PCB/KTM/ICO/R1/4303/2018 date of issue: 28/0312018 valid upto 30/06/2023

2 Consent No. :R15KOT984929 Date of issue : 01/02/2019 Valid Upto :31/12/2023

The Integrated Consent to Operate issued as per reference above to COCHIN BLUE METAL INDUSTRIES PVT. LTD., Methiri P.O., Kottayam is hereby combined and renewed up to 30-06-2028 with conditions detailed below.

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.

S.No.	Items	Description
1	Category	ORANGE
2	Capital Investment (Rs in Lakhs)	915 Lakhs
3	Annual Fee (Rs)	51000/-
4	Fee Remitted (Rs)	280500/-
5	Survey No.	7/1 , 8/1, 9/6, 9/9, 9/5, 5/5
6	Activity/Product	Granite Aggregates @1800 Metric Tonnes
7	Machinery details	?PRIMARY CRUSHER -150 HP, CONE CRUSHER -300 HP, AUTO SAND -250 HP VSI -400 HP, AUXILIARIES -640 HP, Tota 1740 HP.
8	Renewal Date	30/04/2028

#### CONDITIONS

- 1. This consent is issued based on the particulars furnished by the applicant. If any information is found to be false at any time, the consent will be revoked. No change or alteration of the unit or equipment capacity shall be made without the prior permission of the Board. Any change in the particulars furnished in the references or in the identity of the occupier/authorized agent is to be intimated to the Board forthwith.
- 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(6) of the Air (Prevention & Control) of pollution Act 1981 & section 27 of the water (Prevention & Control) of pollution Act 1974.
- 3. For renewal of the consent in case of continuance of operation of the unit, application in the prescribed format shall be submitted through the web portal of the Board before two months of the expiry of the consent. Late submission of application will attract fine as applicable
- 4. Crushers, Classifiers, screens, conveyors, and other noise or dust producing units shall be housed in buildings with solid brick wall of minimum 40cm thickness and with suitable roofing and false ceiling and dust suppression system. The enclosures provided in the processing area shall be properly maintained and damaged sheet or walls be immediately replaced.
- 5.Dust suppression system with water spray and sprinkling systems shall be provided to prevent fugitive emission.
- 6. Dust extraction and collection system shall be provided in the crusher building.
- 7. Raw materials and products shall be transported with proper cover or after wetting to prevent spreading of dust during transportation.
- 8. Water storage tanks of minimum 10 KL capacity shall be provided for storing water for wetting and dust suppression.
- 9 The road inside the crusher shall be concreted or tarred and proper maintenance of the same shall be done in regular interval.
- 10 Facility for regular cleaning and wetting of the ground shall be provided.
- 11 The PM10 in ambient air at the boundary shall not exceed 100 microgram per cubic meter.
- 12 The PM2.5 in ambient air at the boundary shall not exceed 60 microgram per cubic meter.
- 13 The sound level (Leq) measured 1 m outside the boundary of the premises shall not exceed the Ambient Air Quality standards in respect of noise specified for that area.
- 14 The unit shall comply with all the applicable environmental acts and rules.
- 15 Annual Environmental Statement in Form V shall be filed within the stipulated time



### SIGNATURE OF ISSUING AUTHORITY

### SENIOR ENVIRONMENTAL ENGINEER

To

M/s COCHIN BLUE METAL INDUSTRIES PVT. LTD.

Methiri P.O., Kottayam

E-Mail: cochinbluemetals@gmail.com

Contact Number: 8086966966,

1. This digitally signed document is legally valid as per the Information Technology Act 2000

2. For verifying this document please go to www.keralapcbonline.com 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 Phoenix website.



भारत सरकार | Government of India

वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry

पेटोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | 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

संख्या (No.): E/SC/KL/22/1403(E57088)

दिनांक (Date): 10/02/2021

सेवा में | To,

1 2 FEB 2021

AJITHKUMAR.N, Director, Cochin Blue Metal Industries Pvt Ltd, Mathiri Post, Amnakkara, Town/Village - Mathiri District-KOTTAYAM, State-Kerala, Pincode - 686575

Survey No.Re-Sy.No.2/4 of Block No.26, ग्राम Ramapuram village, Meenachil विषय: Taluk, जिला KOTTAYAM, राज्य Kerala में मेसर्स AJITHKUMAR.N द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1403(E57.088) के संशोधन संदर्भ में। ( आरेखण / सुविधाएं / परिसर में परिवर्तन )

Possession for Use of of Explosives from magazine situated at Survey No.: Re-Sy.No.2/4 of Block No.26, Ramapuram village, Meenachil Taluk, Dist. Subject: KOTTAYAM, Kerala -Licence No.: E/SC/KL/22/1403(E57088) granted in

Form LE-3 of Explosives Rules, 2008 -

(Amendment in Drawings/Facilities/Premises).

महोदय। Sir.

आपका उपर्युक्त विषय पर पत्र संख्या Nil दिनांक 09/02/2021 का संदर्भ ग्रहण करें। Please refer to your letter no. Nil dated 09/02/2021.

अनुज्ञप्ति संख्या E/SC/KL/22/1403(E57088) INTIMATION REGARDING QUARRYING OPERATIONS AS PER THE QUARRYING LEASE GRANTING ORDER NO. QUARRYING LEASE ORDER NO.289/2019-20/M3/2019/DMG DATED 14.8.2019 ISSUED BY THE DIRECTORATE OF MINING & GEOLOGY, THIRUVANANTHAPURAM AND QUARRYING LEASE DATED 22/08/2019 VALID UPTO 21/08/2029 ISSUED IN FORM H AT SURVEY NOS.1/3,1/4,1/5,1/7/8/2,82-1,8/3,8/4,9/1,9/2;9/3,9/7 OF RAMAPURAM VILLAGE, MEENACHIL TALUK, KOTTAYAM DISTRICT ACKNOWLEDGED HERE WITH THE CONDITION 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. के संदर्भ में यथा संशोधित कर भेजी जा रही है। A37

The Licence No.: E/SC/KL/22/1403(E57088) is forwarded herewith duly amended in respect

DIRECTION OF DGMS, BANGALORE AS REQUIRED UNDER MINES ACT 1952 AND METALIFEROUS MINES REGULATIONS 1961...

किसी भी एक समय में लाइसेंस क्षमता निम्नलिखित वर्ग तथा मात्रा से अधिक नहीं होगी। The licence capacity at any one time shall not exceed the kinds and quantities mentioned below:

संख्या	विस्फोटक	वर्ग	प्रभाग	उप-प्रभाग	क्षमता	इकाई
No	Explosive(s)	Class	Div	Sub Div	Capacity	Unit
1	Nitrate Mixture	2	0	0	300	Kg.
2	Safety Fuse	6	1	0	3000	Mtrs
3	Electric Detonators	6	3	0	2500	Nos.
4	Detonating Fuse	6	2	0	1500	Mtrs
5	Ordinary Detonator	6	3	0	3000	Nos.

किसी एक कलैंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ख) और (ग) के अधीन अनुज्ञप्ति के लिए लागू) : 20 गुना

Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)]: 20 times as above.

यह अनुज्ञीप्ते दिनांक 31 मार्च 2026 तक प्रवृत्त रहेगी। This Licence shall remain valid till 31st day of March 2026.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया विस्फोयटक नियम, 2008 के नियम 112 के अंतर्गत प्रक्रिया का पालन करें। कृपया पावती दें।

For further revalidation(if required), please follow the procedure under Rule 112 of Explosives Rules, 2008. Receipt of this letter may please be acknowledged.

भवदीय | Your's faithfully

(आर.वेणुगोपाल | Dr. R. Venugopal)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives

उप मुख्य विस्फोटक नियंत्रक Deputy Chical of Ernakulames एरनाकुलम Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. District Magistrate, KOTTAYAM, Kerala with reference to his Noc No: H4-56900/2010/K.Dis Dated: 02/06/2011

2. Superintendent of Police, KOTTAYAM, Kerala.

# अनुज्ञाप्ते 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 रखने के लिए अनुज्ञप्ति

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

अनुज्ञाप्ते सं. (Licence No.) : E/SC/KL/22/1403(E57088) वाषिक फीस रुपए (Annual Fee Rs): 3000/-

1. Licence is hereby granted to

AJITHKUMAR.N (अधिभोगी / Occupier : Shri Ajithkumar.N.), Director, Cochin Blue Metal Industries Pvt Ltd, Mathiri Post, Amnakkara, Town/Village - Mathiri, District-KOTTAYAM, State-

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : Company

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है। Possess for use of Military Puse Ordina Licence is valid only for the following purpose.

possess for use of Nitrate Mixture Safety Fuse Detonator, - 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: -- (中) (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	300 Kg.
2	Safety Fuse	6.1	0	3000 Mtrs
3	Electric Detonators	6.3	0	2500 Nos.
4	Detonating Fuse	6.2	0	1500 Mtrs
5.	Ordinary Detonator	6,3	0	3000 Nos.

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

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

20 times as above.

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पृष्टि होती

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1403

Space

photog

license with si

The licensed premises shall conform to the following दिनांक (Dated) 10/02/2021 drawing(s): .

6. अनुजप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address: Survey No. Re-Sy. No. 2/4 of Block No. 26, AIH (Town/Village): Repart village Station; kan laburam

जिला (District)

दरभाष (Phone)

08086440440

राज्य (State) इ. मेल (E-Mail) Kerala पिनकोड (Pincode) 686575

The licensed premises consist of following facilities.

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं। Pucca magazine of stone masonary construction : consisting of lobby, main high explosives room and detonator room seperately

- 8. अनुज्ञप्ति समय समय पर यथासंशोधित विस्फोटक अधिनियम, 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.
  - उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सित्रमणि संबंधी और अन्य विवरण दर्शित करते हुए¶) Drawings (showing site, constructional and other details) as stated in serial No. 5 above.

2. अनुज्ञप्ति प्राधिकारी व्दाररा हस्ता क्षरित इस अनुज्ञप्ति की शर्ते और अतिरिक्ति शर्ते। 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.

तारीख। The Date - 23/03/2012

संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives South Circle, Chennai

#### Amendments:

Amendment of Quantity of Explosives/Monthly Purchase Limit dated: 04/12/2012

Amendment of Quantity of Explosives/Monthly Purchase Limit dated: 20/05/2014

Amendment in Drawings/Facilities/Premises dated: 22/01/2018

Amendment in Drawings/Facilities/Premises dated: 10/02/2021

नवीनीकरण के पृष्ठांकन के लिए स्थान

जप मुख्य विस्फाटक नियंत्रक

Deputy Chief Controller of Explosives एरनाकुलम Ernakulam

Space for Endorsement of Renewal

नवीकरण की तारीख	समाप्ति की तारीख	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प
Date of Renewal	Date of Expiry	Signature of licensing authority and stamp
09/02/2021	31/03/2026	Sd/- Dy. Chief Controller of Explosives, 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.

#### (सेट VIII | Set VIII)

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को बिक्री या प्रयोग हेतु रखने के लिए प्ररूप एल.ई. 3 [अनुच्छेद 3 (ख) से (ग)] में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक व्हारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/KL/22/1403(E57088) की शर्ते निम्निखित हैं।

The following are the conditions of licence number E/SC/KL/22/1403(E57088) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c) ) granted by Chief controller of Explosives or Controller of Explosives.

परिसर में किसी भी समय विस्फोटकों की मात्रा अनुजापन योग्य सामर्थ्य से अधिक नहीं होगी ।

The quantity of explosives on the premises at any one time shall not exceed the licensable capacity विस्फोटकों के भंडारण के लिए प्रयुक्तर होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए

रखना होगा। The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to

the licence. जो इस अनुत्रप्ति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबध्द मैगजीन का प्रयोग उन सभी विस्फोटकों के, आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं । The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or

implements for work connected with the keeping of such explosives.

पैकजों को खोलने का कार्य और विस्फोटकों को तौलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा। The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.

5. दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, पुरस्पुर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटकं तक न पहुंच सके : परंतु

(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा पलीते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक पलीते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना

किसी मध्यवर्ती विभाजक या स्थायन के रखे जा सकते हैं। (ड) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे। (च) वर्ग। के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।

Two or more description or explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other, Provided that-

(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division land detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space;

(e) Detonators belonging to Class 6 Division 3 shall be kept separately.

(f) Gun powder belonging to Class I shall be kept separately वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुजापन प्राधिकारी की विशेष मैज़री के मैगजीन में नहीं रखा जाएगा। Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date

of their manufacture except with the special sanction of licensing authority.

वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो ।

(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गुई मंजूरी के अंतुर्गत आनेवाली अविध दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी अपने पास रखेगा

और मांग की जाने पर प्रेस्तुरत करेगा।

(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लीअसरीन या द्रव नाइट्रो योगिक के निकल जाने के चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी

Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.

(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on

(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or

Controller of Explosives may issue.

8. मैगजीन के भीतरी भाग या उसमें लगी बैंचो, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके । भीतरी भाग में लगी बेंचे, शैल्फें और फिटिंग यथासाध्य ग्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरूध्द सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्येकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।

> छप मुख्य विस्फोटक नियंत्रक Deputy Chief Controller of Explosives एरनाक्लम Ernakulam

The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from; Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is

यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञाप्तिधारी ऐसे परीक्षण के लिए विहित फीस का संदाय करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञप्तिधारी व्दारा पश्चात्वर्ती प्रत्येक परीक्षण के लिए तब तक दी

जाती रहेगी जब तक कि परीक्षण अधिकारी तिडत चालक को समाधानप्रद घोषित नहीं कर देता : प्रंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के किए गए सभी परीक्षणों के लिए प्रभार्य

परंतु यह और कि यदि दो या अधिक तड़ित चालक एक ही मैगजीन से संबध्द हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तिडत चालक के परीक्षण के लिए हर स्थिति में विहित की गई है ।

If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until

Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day:

Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting

10. उपयुक्त तथा जेब रहित कार्यकरण वस्त्रों , उपयुक्त जूतों के प्रयोग व्यारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों व्दारा इस बाबत सम्यक उपबंध किया जाएगा कि फैक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुोएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :

परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा

Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fie, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or

Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building

in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञप्तिधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोंटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके ब्दारा ऐसा करने की मांग की जाने पर स्टाक पुस्तक और अभिलेख प्रस्तुतं करेगा । स्टाक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी । The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be,

and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforms shall be page numbered.

12. परिसरों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञप्तिधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्देष्ट करें। No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the

licensee shall comply with any condition that may be specified by the licensing authority in this behalf.

मेंगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी ¶ यदि किसी कारणवश् किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञप्तिधारी इस बात की सूचना अनुज्ञापन

Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason

मैंगजीन का अनुज्ञप्तिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा ।

The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules. यदि सुरक्षा दूरी का कोई अधिक्रमण होता है तो उसकी सूचना अनुजापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए

Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary

यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को. सलाह प्राप्त करने The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or

विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकजों की हालत की

जांच करने और प्रत्येक पैकेज की विनिर्माण विशिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके।

The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package. तिडत चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओहा से अधिक नहीं होगा ।

The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुक्क घास या झांड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी ।

उप मुख्य विस्पादक नियंत्रक A42 Deputy Chief Controller of Explosives एरनाकुलम Ernakulam

A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or

विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी। Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.

किसी मैगजीन / भंडारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा । Not more than 4 persons shall be allowed inside the magazine or store house at any one time.

विस्फोटकों के खाली पैकजों को शीघ्रतिशीघ्र वहां से हटा दिया जाएगा और नष्ट कर दिया जाएगा ।

Empty packages of the explosives shall be removed at the earliest and destroyed. अनुज्ञप्तिधारी और कर्मचारीयों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए। The licensee and the employee shall be conversant with procedure to be taken during the emergency within the

निरीक्षण या नमूना अधिकारी को सभी युक्तियुक्त समयों पर अनुज्ञत परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम् और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यकतः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी ।

Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the

safety conditions are duly observed.

23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक नियंत्रक अनुज्ञप्तिधारक को अनुज्ञात परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्धन या परिवर्तन करने या सिफारिशों को लागू करने की लिखित रूप में सूचित करता है जो परिसर के अंदर या अनुजाप्तिधारक सिफारिशों को निष्पादित करेगा और विनिर्दिष्ट अविध के बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है. भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा ।

If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the license shall execute the recommendations and report compliance within the period specified by such authority.

अनुज्ञप्तिथारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञत फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा पलीते खरीदेगा ।

The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.

25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए

(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए1) या 145 डी.बी.(सी)पी.के. प्रतिबंधित होंगे;

(ख) श्रृंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग 10(एन) डी.बी. (सी) पी.के.प्रतिबंधित होंगे ;

The possession and sale of fire-crackers generating noise level exceeding;

a) 125 dB(AI) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;

b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log10 (N) dB, where N = number of crackers joined together.

आग या विस्फोट व्दारा दुर्घटना या नुकसान पटाखों की कमी या चोरी. तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी । Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

#### अतिरिक्त शर्तें / Additional Conditions :

1. अनुज्ञप्तीधारी विदेशी मूल के आतिशबाजी को ना प्रदर्शित करेगा, ना रखेगा और ना ही उसकी बिक्री करेगा । The licensee shall not exhibit, possess and sell fireworks of foreign origin.

> कृते संयुक्त मुख्य विस्फोटक नियंत्रक For Joint Chief Controller of Explosives दक्षिणांचल, चेन्ने South Circle, Channai

Deputy Chief Controller of Explosives एरनाकुलन Ernakulam

# Form DE-2 (See rule 113 of the Explosives Rules, 2008) (Distance Form to be attached to the licence)

Safety distances required to be kept clear around magazine for high explosives or fire works or factory licence number E/SC/KL/22/1403(E57088) in form LE-3 granted to AJITHKUMAR.N, Director, Cochin Blue Metal Industries Pvt Ltd, Mathiri Post, Amuakkara; Kerala-686575.

	Type of Structure(s) Safe	ty dista	nces meter
	Inside Safety Distances(ISD)	M	UM
	Room or Workshop used in Connection with the Magazine	18	27
	Any other Explosives Magazine or store House or Factory of the Applicant		
	Magazine Office		
	Middle Safety Distances(MSD)		
	Magazine Keeper's or Chowkidar's Dwelling house		
	Railway including Minerals and Private Railways		
	Canal (in active use) or other navigable water		
	Dock or Pier or Jetty		45
8	Public Highway or Public Road		43
	Private Road which is PRINCIPAL means of access to a Temple, Mosque, Church, Gurudwara or oute		
	places of worships. Hospital, College, School or Factory		
0	River Embankment or Sea Embankment or Public Well		
1	Reservoir or Bounded tank/rope way		
2	Windmillor or Solar panel for Power Generation		
	Outside Safety Distances(OSD)		
13	Dwelling House		
4	Govt. and Public Building		
15	Temple, Mosque, Church or Gurudwara or other Places of Worships		
16	Shops, Market place, Public recreation and Sports Ground, College, School, Hospital, Theater, Cinemor other Building where the public are accustomed to assemble		
17	Factory 5 to 10 to		
18	Buildings or Works used for the Storage in Bulk of Petroleum, Sprit, gas, or other inflammable of	"	
	hazardous substances Building or Works used for Storage and Manufacture of Explosives or of articles which contains	n	82
19	Explosives		
20	Acrodrome		
21	Furnace, Kiln or Chimney		
22	Ouarry or mine pit head		
23	Power House or Electric Substation		
24	Wireless Station		
25	Warehouse or other Storage Building		
26	Any other Protected works		
	Overhead Electric lines		
	Electric Power over head Transmission Lines above 440V		82
275	Electric Fower over mead Transmission Elines above		15
27	Electric Power over head Transmission Lines upto 440V		10

The Date: 23/03/2012

Amendment of Quantity of Explosives/Monthly Purchase Limit dated: 04/12/2012

Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 20/05/2014
 Amendment in Drawings/Facilities/Premises dated : 22/01/2018

Amendment in Drawings/Facilities/Premises dated: 10/02/2021

For Joint Chief Controller of Explosives Deputy Chief Controller of Explosives एरनाकुलम Ernakulam



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www.integratedenvironmentalsolutions.in, Email: leslabkerala@gmail.com

# **Ambient Air Quality Monitoring Report**

Client name & Address	Certificate No.	IES/AMB/RT/20241002/24
M/s. COCHIN BLUE METAL INDUSTRIES (P) LTD 1/69,Choozhikkara METHIRI P.O	Date of Issue	22.03.2024
RAMAPURAM ,KOTTAYAM	Date of Monitoring	15.03.2024
Location :Village-Ramapuram Taluk-Meenachil Resurvey No. 1/3,1/4,1/5,1/7, 8/2,8/4,9	/1,9/2,9/3,9/7,8/3&8/2-1	SPM Measurement at a distance of 40 m from the crusher

Parameters	Test method	Result	Limit
Particulate Matter (PM 10)	IS 5182 Part 4 1999	82.0	100 ug/M3
Suspended particulate Matter	As per PCB Norms	115.0	500 ug/m3
Sulphur Dioxide	IS 5182 Part 2 2001	54.0	80 ug/m3
Nitrogen Dioxide	IS 5182 part 06 1975	44.0	80 ug/m3

This results are related only to the sample collected for analysis. This certificate shall not be reproduced except in full and without the written permission with authorized signatory Integrated Environmental Solutions

Authorized Signatory

B. N. NARAYANAN

Rtd. Asst. Environmental Scientist KSPCB





Our Services:

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www.integratedenvironmentalsolutions.in, Email: ieslabkerala@gmail.com

M/s. COCHIN BLUE METAL INDUSTRIES (P) LTD METHIRI P.O RAMAPURAM, KOTTAYAM (Ramapuram, Meenachil)

#### WATER TEST REPORT

Report Number

:IES/W/RT/202442075/24

Report date

: 22.03.2024

Sample mark

:WaterSample collected By Party

PAGE : 1 of 1

: 15.03.2024

Sample description : Pond water

Received on

SI.NO.	parameters	RESULTS	Requirement (acceptable limit) as pe IS 10500,R2012 2 <sup>nd</sup> Rev.
1	pH	7.0	6.5 -8.5
2	Colour Hazen unit	No colour	Agreeable
3	Odour	No odour	Agreeable
4	Turbidity (NTU)	ND	5
5	Total Dissolved Solids, mg/l	90.0	500
6	Total Alkalinity as CaCO <sub>3</sub> (mg/L)	45.5	200
7	Chlorides as CI- (mg/L)	28.0	250
8	Total Hardness as CaCO <sub>3</sub> mg/l	42.0	200
9	Calcium as Ca mg/l	8.0	75
10	Magnesium as mg/l	4.9	30
11	Resi, Chlorine (mg/L)	ND	0.2
12	Amm.Nitrogen Mg (mg/L)	ND	0.5
13	Sulphates as SO <sub>4</sub> (mg/L)	5.0	200
14	Total Iron as Fe (mg/L)	0.1	0.3
15	6.2	ND	Absent
16	Nitrates as NO <sub>3</sub> - (mg/L)	0.2	45
17	Total Coliforms /100ml	Nil	Absent
18	1400 1	Nil	Absent

Note - ND -- Not detected

Remarks :Satisfactory Result.

SANTE Authorized signatory

B. N. NARAYANAN SR. Scientist Rtd. Asst. Environmental Scientist

Terms and condition:

Test results shown in this test report related only to the items tested

The test report shall not to be reproduced any where in full and in same format without the approval of the laboratory

The test items will not be retained for more than 15 days from the date of issue of test report in the case of perishable items and 3 months in the case of metal samples unless otherwise agreed with the customer on as required by the applicable regulation (exceptional for microbiology and waste water)





Our Services:

· Water Testing · Effluent Water Analysis · Air & Stack Emission Monitoring · Sound Level Test etc.



# INTEGRATED ENVIRONMENTAL SOLUTIONS

Approved Laboratory By Kerala State Pollution Control Board ENGINEERS & CONSULTANTS, CHEMISTS



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www.integratedenvironmentalsolutions.in, Email: ieslabkerala@gmail.com

## AMBIENT SOUND LEVEL MEASUREMENT

Sl.No	Client Name:	Certificate no. 2024001/24	Date of issued : 22.03.2024
	M/s. COCHIN BLUE METAL INDUSTRIES (P)LTD METHIRI P.O RAMAPURAM, KOTTAYAM	Test method : IS 1680-1968	Date of monitoring: 15.03.2024
	Location :Location :Village-Ramapuram Taluk-Meenachil Resurvey No. 1/3,1/4,1/5,1/7,8/2,8/4,9/1,9/2,	9/3,9/7,8/3&8/2-1	
	Characteristics	Values Reported	Ambient sound level Limit
			FF 4D(A) daystime
1	Ambient sound level	North 54.9	55 dB(A) day time
	Ambient sound level	North 54.9 South 54.3	55 dB(A) day time 55 dB(A)
2			

FOR INTEGRATED ENVIRONMENTAL SOLUTIONS
Authorized Signatory

B. N. NARAYANAN SR. Scientist Rtd. Asst. Environmental Scientist KSPCB





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