COMPLIANCE REPORT

OCTOBER 2022 - MARCH 2023

M/S DIVON ROCK PRODUCTS PVT LTD

(FORMERLY M/S MAHADEV METALS)

E C. FILE NO: A/6694/2017 OF DEIAA

KASARAGOD DISTRICT **KERALA**

DIVON ROCK PRODUCTS Pvt. Ltd.

GST No: 32AAGCD7291P1Z4

Email: divonrockproducts@gmail.com Ph: 04672966003, 9847661000

Dt.17-06-2023

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

Ref :- File No.A-6694/2017 of DEIAA

Sub:-Environment Clearance - Quarry project at R.S. No. 113, 146/4A5 in Village, Vellarikundu Taluk, Kasaragod District, Kerala-Compliance Report -Secondhalf - Reg. Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for 4.6945Ha. by order No. A-6694/2017 of DEIAAdated 20.01.2018by District Environmental Impact Assessment Authority, Kasaragod. The compliance report of Second half (October 2022 to March 2023)to the specific and general conditions of the Environment Clearance order is enclosed.

Thanking you,

Yours respectfully.

Sri.M Nagaraj

Copy to:-

1. The Member Secretary State Environment Impact Assessment Authority (SEIAA), Thiruvananthapuram, Kerala.

2. The Member Secretary District Environment Impact Assessment Authority (DEIAA), Kasaragod, Kerala OR RDO Kasaragod.

Encl: - As Above

73/4, PLACKAL, KONNANAMKADU, BALAL (PO) - 671533, KASARAGOD, KERALA

ENVIRONMENTAL CLEARANCE ORDER

NO: A/6694/2017 OF DEIAA

Dated: 30.01.2018

BY

DISTRICT ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (DEIAA)

FOR

BUILDING STONE QUARRY (MINOR MINERAL MINING) PROJECT

AT

R. S. No. 113, 146/4A5 in Balal Village, Vellarikundu Taluk, Kasaragod District, Kerala

> BY M/S DIVON ROCK PRODUCTS PVT LTD

> > (Formerly M/s Mahadev Metals)

Kasaragod District

Kerala

INDEX

SI. No.	Particulars	Page No.
1.	Introduction	05
2.	Brief of the project	06
3.	Compliance Report – Specific conditions – Part A	07
4.	Compliance Report – General conditions – Part B	15
6	Annexure	45

LIST OF ANNEXURES

Annexure No.	Particulars	Page No.
1.	Copy of consent to operate from SPCB	46
2.	Copy of EC order	51
3.	Copy of Explosive License issued by the Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	57
4.	Copy of License for quarry operations from Panchayath	60
5.	Copy of lease order from Dept. Mining and Geology.	61
6.	Newspaper Advertisement	68
7.	Copy of monitoring report of ambient air	69
8.	Copy of monitoring report of sound level.	70
9.	Copy of monitoring report of water	72
10.	EC transfer	74
11	Conv. of CSP	76

INTRODUCTION

The quarry project of M/s Divon Rock Products Pvt Ltd (Former M/s Mahadev Metals) is situated at R. No. 113, 146/4A5 at Balal village, Vellarikundu Taluk, Kasaragod District, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by District Environmental Impact Assessment Authority on 30.01.2018. As part of general condition No.33 of Environmental Clearance order, half yearly compliance report needs to be submitted by the project proponent. The compliance report of Second half to the specific conditions and general conditions of the Environmental Clearance order for the period October 2022 - March 2023 is being submitted.

The project has transfer the EC issued to M/s Mahadev Metals to M/s Divon Rock Products Pvt. Ltd. The order issued by SEIAA is attached as **Annexure No. 10**

Brief of the Project

I. ABOUT THE PROPONENT

Sri. M. Nagaraj, Managing Partner of M/s Divon Rock Products Pvt. Ltd (Former M/s Mahadev Metals) in Balal Village and Vellarikkundu Taluk, Kasaragod District, Kerala state.

District Environmental Impact Assessment Authority (DEIAA) Kasaragod, Kerala accorded Environmental Clearance No. A/6694/2017 of DEIAA dt. 30-01-2018 (22/2018) to the quarry project of M/s Divon Rock Products Pvt Ltd (Former M/s Mahadev Metals) in Balal Village Vellarikkundu Taluk, Kasaragod District, Kerala managed by Sri. M. Nagaraj.

The guarry project is controlled and managed by Sri. M. Nagaraj, Managing Partner, M/s Mahadev Metals, Radha Nivas, Kanhangad. Kasaragod, Kerala. Contact Details; Phone No: 9895021256, 9847661000 mail ld: divonrockproducts@gmail.com

II. ABOUT THE PROJECT

- a. Project category: The project comes under the Category B, Activity 1(a), (i) of Schedule of EIA Notification 2006 and subsequent amendments.
- b. Project location: Sy. No. 113, 146/4A5 at Balal Village Vellarikkundu Taluk, Kasaragod District, Kerala. The proposed project site falls within 12°24'03.05" N to 12°24'10.38" N and 75°17'44.96" E to 75°17'54.76" E
- c. Project extent and activity: The project is for quarrying of 2, 02,526 TPA of building stone from an area of 4.6945 hectares of land located as specified above.

d. Project description:

The proposed project activity involves about 100% of the pit area for exploring building stone. At the end of life of mine, excavated pit will be reclaimed and rehabilitated by plantation. The proposed project does not involve any underground mining activities.

01	Fencing should be provided all around the lease area	Complied
----	--	----------

Compliance:

The project proponent has fenced the lease boundary with barbed metal wire, as part of safety of animals and human beings and area demarcation. This helps to demarcate the lease area and can prevent possible entrance of living creatures. The photograph of the fencing provided around the mine lease area is provided below



Appropriate sign boards should be displayed Complied

Compliance:

As part of safety policy of quarry, the project proponent has installed various sign boards in the project site such as No Parking, speed Limit, Danger zone, Blasting time etc., the photograph of sign boards installed in the project site is given below.







03 Air and sound pollution control measures as required shall be Complied provided

Compliance:

All machineries working in the project site is regularly maintained and no work at night time. To reduce air and noise pollution, the project proponent has installed sprinklers and deployed tanker vehicles for splashing water at haulage road and critical area. The existing vegetation is being worked as a good Green belt. As part of enhancing vegetative cover, native plants have been planting every year. This reduces noise and air pollution. Splashing of water, installation of sprinklers, to the labours can prevent pollution in an extent. The photograph of sprinklers provided near haulage road are given below



The blasting operation shall be done in a controlled manner and shall not carry any harm/damages to the life and property of adjacent land owners

Complied

Compliance:

The blasting is carrying out in controlled manner by using NoNEL. All blasting activities are carried out under the supervision of qualified persons with the specified regulations of explosive department. This technology can prevent any harm/damages to the life and property of adjacent land owners.

05 Control measures in noise and vibration should be implemented

Complied

Compliance:

To reduce noise and vibration, the following measures are adopted in the project site.

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

➤ Noise level at quarry site checked periodically.

Blast vibrations and control measures

- Appointed qualified person for blasting in the mining area.
- Controlled blasting technique is adopted in this project in order to reduce blastvibrations.
- Electric detonators are using for the blasting.
- ➤ The maximum charge per delay is not more than 10kg to limit the PPV values to10mm/sec.s
- Optimum delay sequence and stem to column ratio is maintaining to minimizethe ground vibration intensity.

06	Bench cutting with height more than 5 meter and width not less	Complied
	than 5 meter is to be insisted.	

Compliance:

To enhance safety and conserve environment, the project proponent is extracting the minerals by creating benches. The benches will not exceed 5 meters of height and the width of the bench will have minimum of 5 meters. The extraction of minerals are under the supervision of qualified personals. The photograph of bench wise mining is given below



07	After quarrying the reclaimed area shall be planted with	Noted for
	plantspecies using the fertile top soil proposed to be	compliance
	removed for	
	quarrying.	

Compliance:

The top soil excavated in relation to building stone excavation is stacking in a designated place. This will use during the time of eco restoration. After quarrying all possible areas of the project area, will be planted with native species. The project proponent started to plant various saplings around the lease area. The photograph of the saplings planted is given below





80	Α	sedimentation	tank	of	size	25x15x3.0	meters	shall	be	Complied
	constructed below the quarry face in the South-West of the lease									
	are	ea. The de silting	shall	be d	lone p	eriodically.				

Compliance:

The project proponent has constructed a sedimentation tank at the South-West side of the project site. This can prevent the waste entering in to the public drain and streams in the community. De siltation is being done periodically. Only clarified water is letting out side from the project site. The photograph of de siltation trap is provided below



09	The quarrying operation can be done only after proper marking	Complied
	of buffer zones of 7.5 meter width within the existing quarry	
	between BP 1 and BP 2 with suitable fencing	

Compliance:

The project proponent has marked 7.5 meter as buffer zone in the project site.

The marking is done by concreted pillars. The photograph of the area is showing below. The project proponent will maintain the buffer zone till the end of mining operations.





The quarrying should be restricted to the present ground level between BP4&BP5. Since the width of land from boundary to Government land is very less.

Complied

Compliance:

The quarrying has been restricted to the present ground level between BP4 & BP5 in the lease area.

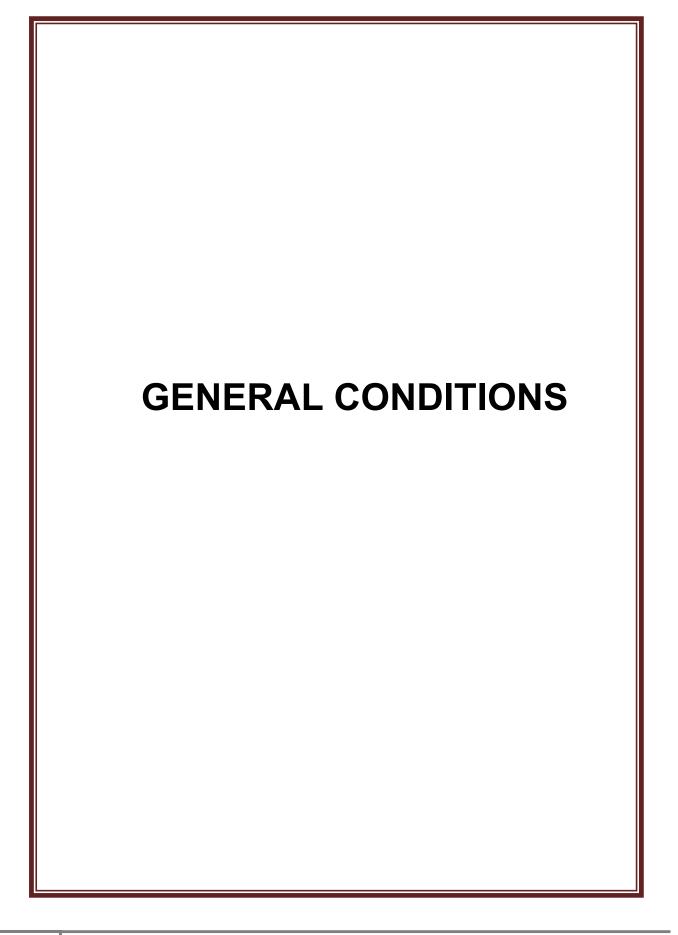
The existing drinking water source on Eastern side of the lease area should be retained after quarrying also.

Complied

Compliance:

The existing drinking water source on Eastern side of the lease area is being retained and will be retained after quarrying.





GENERAL CONDITIONS

01	Rain Water Harvesting capacity should be installed as per the	Complied
	prevailing provisions of KMBR / KPBR, unless otherwise	
	specified.	

Compliance:

As part of storm water management, the proponent has developed rain water harvesting pond in the project site to collect rain water falling in the entire mining area. The storm water from all mining areas is properly channelized to this pond. It is situated in the lowest level of quarry area. The rain water is used for irrigation purposes, watering of plants, wetting of roads and for dust suppression system (mainly sprinklers system). The photograph of the RWH facility is given below



02	2 Environment Monitoring Cell (EMC) as agreed under the affidavit	
	filed by the proponent should be formed and made functional.	

Compliance:

To monitor the execution of EMP, the Environmental Monitoring Cell (EMC) formed and made functional with Mr. M Nagaraj as head of the monitoring cell. The EMC meeting arranges regularly for a sustainable environment. The Details of EMC is provided in the table below

DETAILS OF EMC

Si.N	Name	Designation	Monitoring Cell (EMC)
0			
01	M. Nagaraj	Managing Director	Head of monitoring cell
02	Rojin Alex Chacko	Superintendent	Project observation &
			management
03	Pratheesh Varghese	Agent	Reporting & Schedule Maker
04	Jins Joseph	Site Manager	Safety Officer
05	Ramesh B R	Mines manager	Monitoring & reporting executive
06	Sudheer	PRO	Site Manager
07	Jithu Simon	Accounts	Member
		manager	
80	Mathivanan P	Foreman	Member
09	Jitto Varghese	supervisor	Member

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

Compliance:

To reduce air and noise pollution, the project proponent has planted suitable avenue trees along either side of the road. There is also natural vegetation including trees, shrubs and climbers are presents in the project area. The photograph of the avenue trees is showing below





O4 Sprinklers shall be installed and used in the project site to contain dust emissions.

Complied

Compliance:

The PP has installed sprinklers in the project site. The project proponent splashes the haulage road and critical areas with the help of vehicles in regular intervals to arrest dust emissions from the road while transportation of materials. The stationary sprinklers also installed in the project site. The photographs showing the effective utilization of sprinklers in the project area.





O5 Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.

Noted for compliance

Compliance:

Eco restoration is an integral part of mining activity. The eco restoration and the mine closure plan will be done at the own cost of the project proponent as per the approved mining plan.

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

Compliance:

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



07	Corporate Social Responsibility (CSR) agreed upon by the	complied
	proponent should be implemented.	

Compliance:

As part of inclusive growth of the community, the project proponent executes various activities under Corporate Social Responsibility/ Corporate Environmental Responsibility of the firm with the consultation of Panchayath. The details on CSR is given below in the table.

Details of CSR

Year	Activities	Amount spent in Rs.
2018 – 2019	Flood relief activities like delivering food provisions, medicine and cloths to flood victims	3,25,000
2019 - 2020	Medical aid House maintenance Educational support, Road maintenance	72,85,000
2020 – 2021	Support in connection with Covid 19, like distributions of food provisions, medicine, Mask and sanitizer	3,25,000
2021 - 2022	Support in connection with Covid 19, like distributions of food provisions, medicine, Mask and sanitizer, House maintenance, Road maintenance.	7,35,000
April 22- Sep 22	Support for the construction of Arts and Sports club , Jeevan Jothi Ashram, Temple , sree sankara school and Cancer treatment .	2,43,000
October 22 – March 2023	Support to Govt. H S School, Road Construction, promotion of sports and culture	2,97,000

Total	92,10,000	
i Otai	32,10,000	I I

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

Complied

Compliance:

To demarcate the lease area, the project proponent has installed fencing with a height of 4 ft. around major part of the project site where Environmental Clearance and lease obtained. All the boundary indicators (boards, stores, markings etc) are being protected. The photograph of same is provided below



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

Complied

Compliance:

To comply condition stipulated by Explosive department and Environmental clearance order, the project proponent has installed warning alarms in the quarry site. The photograph of the siren is showing below



10	Control measures on noise and vibration prescribed by KSPCB	complied
	should be implemented.	

Compliance:

To reduce noise and vibration, the following measures will adopt in the project site.

- > Proper spacing for blasting holes
- > Proper maintenance of machinery and equipment.
- > The machineries like breaker and excavator has well sound proof cabin so thatthe machine operators can work without stress due to the sound.
- > Personal protective devices i.e., ear plugs are provided to workers working inhigh noise areas.
- > The mining activity held in day time only.
- > Noise level at quarry site checked periodically.

Blast vibrations and control measures

> Appointed qualified person for blasting in the mining area

- > Controlled blasting technique is adopted in this project in order to reduce blasting vibrations.
- **Electric detonators are using for the blasting**
- ➤ The maximum charge per delay is not more than 10kg to limit the PPV values to10mm/seconds
- > Optimum delay sequence and stem to column ratio is maintaining to minimizethe ground vibration intensity

11	Quarrying activities should be limited to day time as per KSPCB	Complied
	guidelines/specific conditions.	

Compliance:

There is no work at night in the mine lease area. To reduce the adverse impact of the quarry to the local community, quarrying activities are limited to day time only as per KSPCB guidelines.

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

Compliance:

To reduce fly rock, the blasting has been done in controlled manner by using NONEL. All blasting activities are carrying out under the supervision of qualified personals.

13	Α	licensed person should supe			supervise/control	rvise/control the blasting		
	ор	erations.						

Compliance:

The project proponent has appointed a First Class Mines Manager, Foreman and Mines mates in the site to supervise/control exploitation of minor minerals including blasting at the project site.

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

Compliance:

The overburden materials are stored within the site at designated place. This is being used to restore the exploited area in future. The photograph of the overburden is provided below



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

Compliance:

The mining of minerals is progressing by creating benches of 5m width x 5m height. All mining activities are progressing under the supervision of qualified personals. the excavation activity in the project The Photograph of the working benches is provided below





16	Mats to reduce fly rock blast to a maximum of 10 PPV should be	complied
	provided.	

Compliance:

The project proponent is using blasting mat to reduce fly rocks during blasting operation in the mine lease area. The project proponent is also assuring the maximum PPV is under 10 while the blasting.

17	Acoustic enclosures should be provided to reduce sound	Complied
	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.	

Compliance:

Vegetation around the mining area will help to reduce noise and air pollution. This helps the noise level kept within prescribed standards. The project is trying to enhance the vegetative cover by planting more tree saplings. The photograph of the crusher and green belt is provided below





The workers on the site should be provided with the required protective equipments such as ear muffs, helmet, etc.

Complied

Compliance:

To reduce impact on health of labours working in the mine lease area, The project proponent has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear muffs, safety belts, glows, etc. to ensure the safety of workers in working site. The photograph of the labours with PPE is showing below



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

Compliance:

The project proponent has constructed de siltation traps at project site for clarification of storm water and ensures that all storm water from the mining area is flowing in to the pond created at mining area. The project proponent has initiated steps to create garland drains where it is necessary in the lower slopes of the project area for storm water management. At present the pond is working as a clarifier. The photograph of drainage is given below



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

Compliance:

The project proponent assure that the loaded trucks are covered with appropriate sheets to avoid dust emission from the vehicle while transportation of materials. The same is annexed below



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

complied

Compliance:

As part of concurrent eco restoration, the project proponent has planted various saplings in the project area as a compensation of loss of trees while clearing the land for mining. The photograph of planted saplings is provided below







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

Compliance:

The project proponent is using the used oil as lubricant for machineries and other equipments. Disposal of spent oil from diesel engines sold only to the approved recyclers as specified under relevant Rules/Regulations.

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

Compliance:

As part of safety, Explosives are stored in magazine. The magazine situated in an isolated place specified and approved by the explosives department. The area surrounded to the magazine was fenced with barbed metal wire. The photograph of magazine is attached below





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

Compliance:

To keep a safe zone to the residents, community resource and public infrastructure, the norms of Kerala State Pollution Control Board regarding the distance criteria of houses, roads, rivers and worship places is adhered by the project.

25	100	m	buffer	distance	should	be	maintained	from	forest	Complied
	boui	ndaı	ries.							

Compliance:

The project has kept adequate distance from forest. There is no forest within 100 meter buffer distance

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

Compliance:

The project proponent has obtained consent from KSPCB under Water and Air Act(s) before initiating quarry activity. The copy of certificate of "Consent to Operate" (Renewal) from Kerala State Pollution Control Board is provided in Annexure No.1.

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

Compliance:

The approvals and licenses obtained from concerned statutory authorities and Got. Departments are enclosed as **Annexure No.1**, **2**, **3**, **4 & 5**

- 1. The consent from PCB
- 2. Environmental Clearance
- 3. Explosive License issued by the Ministry of Commerce & Industry –
 Petroleum & Explosives Safety Organization (PESO)
- 4. License for quarry operations
- 5. Lease order from Directorate of Mining and Geology

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

Compliance:

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

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

Noted and agreed to complied

Compliance:

To enhance environmental sustainability and conserve natural resources, the project is willing to add all possible additional safe guard measures subsequently if the authority found necessary.

The stipulations by Statutory Authorities under different Acts and 30 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.

Compiled

Compliance:

The stipulated orders and directions under different act and notification including EIA notification will be scrupulously followed. Some of the Notifications and Acts are mentioned below:-

- 1. The Environment Protection Act, 1986
- 2. Water (Prevention and Control of Pollution) Act, 1974
- 3. The Air (Prevention and Control of Pollution) Act, 1981
- 4. The Public Liability (Insurance) Act,1991
- 5. Municipal Solid Waste (Management and Handling) Rules 2106
- 6. Hazardous and Other Wastes (Management and handling) Rules,
- 7. 2016.
- 8. EIA notification, 2006
- 9. Kerala Minor Mineral Concession Rules 2015

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

Compliance:

An advertisement in two local daily newspapers (English and Malayalam) regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at SEIAA Kerala.

32	A copy of the clearance letter shall be sent by the proponent to	Complied
	concerned Grama/District Panchayath / Municipality /	
	Corporation / Urban Local Body and also to the Local NGO, if any	
	from whom suggestions / representations, if any were received	
	while processing the proposal. The Environmental Clearance	
	shall also be put on the website of the company by the	
	proponent.	
I		

Compliance:

A copy of the Environment Clearance letter was submitted to the Panchayat Office. The project proponent did not receive any suggestions / representation from anywhere while the processing the proposal.

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

complied

Compliance:

The compliance report along with monitored data is being submitted to the SEIAA, Kerala and the Regional Office of MoEF&CC, Bangalore as mail. The monitored data is attached as **Annexure No. 7, 8 & 9.**

The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3ft with green background and yellow letters of Times New Roman font of size of not less than 40 sign board with extent of lease area and boundaries dhall be depicted at the entrance of the quarry, visible to the public.

Complied

Compliance:

The details of the Environmental Clearance has displayed on metallic board in the project site. The metallic board has installed as specified in the conditions of Environmental clearance order. The photograph of the boards are provided below



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

Compliance:

An assurance in the form of affidavit was already submitted to SEIAA Kerala.

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

Compliance:

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

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

Compliance:

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

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

Compliance:

The project proponent monitors the ambient air quality as per National Ambient Air quality Standard (NAAQS) at regular interval by a NABEL accredited laboratory. The project is intending to increase the splashing of water and installed sprinklers at loading, unloading and transfer points. This activity can reduce the fugitive emission. The result

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

complied

is attached as Annexure.

Compliance:

As per direction and to prevent the soil erosion, the top soil and overburden is being stacked in a designated place within the project site. Only topsoil will be used for plantation. Overburden is being used for landfill and to construct haulage roads in the mining area. The photograph is provided below



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

complied

Compliance:

The storm water is using for splashing of haulage road and for plantation. The project proponent is being constructed effective garland drains to channelize all the storm water during the time of monsoon season to the pond. These channels are being directed the water to the rain water collection pond. All sediments and silts are settling at the bottom of the pond and only cleared water is letting out.



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

complied

Compliance:

The project proponent deployed vehicles for sprinkling water in critical area to reduce the dust emission such as loading and unloading points, haul roads and transfer points. The ambient air quality is being monitored with the help of an approved laboratory. The photograph of tanker vehicle is provided below



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

Compliance:

The project proponent deployed vehicles in critical area to reduce the dust emission such as loading and unloading points, haul roads and transfer points. The water spraying is carrying out regularly to arrest the dust emission. The sprinklers and vehicle for water spraying is also properly marinated. The photograph of wetting on loaded vehicle is provided below.



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

Compliance:

The project proponent takes necessary measures for control of noise levels below 85dBA. The project proponent will take appropriate action to reduce the soundby employing possible measures.

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

Compliance:

To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project proponent has constituted an Environment Monitoring Cell Mr. Abraham K Thomas as head of the cell.

Environmental Management cell (EMC)

SI no	Name	Designation	Monitoring Cell
01	Abraham K Thomas	Managing Director	Head of monitoring cell
02	Rojin Alex Chacko	Superintendent	Project observation & management
03	Pratheesh Varghese	Agent	Reporting & Schedule Maker
04	Sudheer	PRO	Public relation officer
05	Ramesh B R	Mines manager	Monitoring & reporting executive
06	Jins Joseph	Site manager	Safety Officer
07	Jithu Simon	Accounts manager	Member
08	Mathivanan P	Foreman	Member
09	Jitto Varghese	supervisor	Member

45	The funds earmarked for environmental protection and CSR	Complied
	activities should be kept in separate account and should not be	
	diverted for other purpose. Year wise expenditure should be	
	reported to the District Environment Impact Assessment	
	Authority, Kasaragod (DEIAA) office.	

Compliance:

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

Year	Activity	Amount in Rs.			
2018 - 2019	2019 Flood relief activities like delivering food provisions, medicine and cloths to flood victims				
2019 – 2020	Medical aid House maintenance Educational support, Road maintenance.	72,85,000			
2020 – 2021	Support in connection with Covid 19, like distributions of food provisions, medicine, Mask and sanitizer	3,25,000			
2021 - 2022	Support in connection with Covid 19, like distributions of food provisions, medicine, Mask and sanitizer, House maintenance, Road maintenance.	7,35,000			
April 22- Sep 22	Support for the construction of Arts and Sports club , Jeevan Jothi Ashram, Temple , sree sankara school and Cancer treatment .	2,43,000			
October 22 –	Support to Govt. H S School, Road	2,97,000			
March 2023					
Total		92,10,000			

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

Noted & agreed to extend full cooperation

Compliance:

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

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

Complied. No court cases within 30 days as per EC conditions

Concealing the factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

The project proponent did not conceal factual data or submit false/fabricate data during the appraisal of the quarry project.

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

Compliance:

The project proponent is willing to implement the conditions stipulated in the Environment Clearance order. The project proponent can execute all possible measures in the project site for the conservation of environment.

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

Compliance:

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

51	This order is valid for a period of 5 years or the expiry date	•
	of mining lease period issued by the Govt. of Kerala,	With EC No:
	whichever is earlier.	22/2018

Compliance:

The project proponent has obtained Environmental Clearance with order number SIA/KL/MIN/198269/2021IBBO/EC2/2021 SEIAA dated 30-07-2021.

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

There is no pending litigation related to the land or project in any court of law.

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

Compliance:

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

54	All vehi	cle used for	transp	ortation and	within the	mine sh	all have	Complied
	"PUC"	certificate	from	authorized	pollution	taking	center.	
	Washing of all vehicles shall be inside the lease area.							

Compliance:

As part of reduce air pollution, the project proponent monitors the pollution level of all vehicles playing in the project site. This monitoring is being conducted only in authorized pollution checking center.

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

Compliance:

At present, the need of prior approval is not necessary to draw ground water and surface water for the project. The proponent didn't dig the well inside the lease area.

5	6	Regular monitoring of flow rates and water quality upstream and	Complied	
		down streams of the springs and perennial nallahs flowing in and		
		around the mine lease area shall be carried out and reported in		
		the six monthly report to SEIAA.		

Compliance:

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

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

Compliance:

The project proponent has conducted an occupational health surveillance programme in association with Primary Health Center (PHC) of Kerala Government for the labours working in mining area and crusher.



Annexure No.1

FILE NO: PCB/KSRD/ICO/896/2010

Date of issue: 07/02/2018



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO

OPERATE/AUTHORISATION/REGISTRATION

ISSUED UNDER

The Water (Prevention & Control of Pollution) Act, 1974 The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. :6835558 Dated:03-02-2018

TO

M/s MAHADEV METALS (ROCK QUARRY)
KONNANAMKAD,
BALAL PO,
ANANDASRAMAM
KASARAGOD

Consent No. :PCB/KSRD/ICO/18/2018

Valid Upto :31/10/2023

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit.

1	VALIDITY	31/10/2023
2	Name and Address of the establishment	MAHADEV METALS (ROCK QUARRY) KONNANAMKAD, BALAL PO, ANANDASRAMAM KASARAGOD 671533
3	Communication	Telephone :0-9947054974 Fax :- E-mail:metal.mahadev@yahoo.co.in
4	Occupier Details	M NAGARAJ, RAADHA NIVAS, ALAMIPALLY, KANHANGAD
5	Local Body	BALAL PANCHAYAT
6	Survey Number	113, 146/4A5
7	Village	BALAL
8	Taluk	VELLARIKUNDU
9	District	KASARGOD
10	Capital Investment(Rs in Lakhs)	42
11	Scale	Small
12	Category	RED
13	Annual fee(Rs)	9600/-
	Total Fee remitted(Rs)	48000/-
14	RAW MATERIAL	PRODUCTS
	As stipulated in Environmental Clearance	As stipulated in Environmental Clearance
15	Total Power Required (HP)	Jack Hammer-60 Hp, Hydraulic Escavetor-120 Hp

2. CONDITIONS AS PER

The Water(Prevention and Control of Pollution)Act, 1974

- 2.1 In case of generation of trade effluent from the industry, effluent treatment system consisting of treatment units having adequate capacity established as per the Integrated Consent to Establish issued shall be operational at all times during which the industry is functional. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.
- 2.2 Water consumption: Domestic 100 l/d
- 2.3 Effluent generation: No trade effluent generation.
- 2.4 The characteristics of effluent after treatment shall confirm to the following tolerance limits:

SI.NO.	Characteristics	Unit	Tole	rance Limit	
			Sewa		Trade Effluent
	Mode of disposal of t			charge.	
3.1		n control measure acilities required,	es shall be operation		uring the functioning of the down by the Board shall
Stack No.	Sources of Emission	Emission Rate(Nm3/Hi	Stack Height	nt above	Control Equipment
			Ground Level	Roof Level	
3.2	Emission characterist	ics shall not exce	ed the following:		
SI.No.		Parameter		Limiting	g Standards (mg/Nm3)
Th		IONS AS PER conment (Protection) Act, 1986. The operation of the industry shall be strictly in compliance with the provisions of the Noise Pollutio egulation and Control) Rules 2000.			
4.1	(Regulation and Cont				
4.2	(Regulation and Cont Used lead acid batteri 2001	es shall be dispos	sed of as per the Ba	tteries (Manager	ment and Handling) Rules,
4.2	(Regulation and Cont Used lead acid batteri	es shall be disposerated, if any, shansboundary Mov	sed of as per the Ba all be handled as pe vement) Rules, 201	tteries (Manager	ment and Handling) Rules,
4.2	(Regulation and Cont Used lead acid batteri 2001 Hazardous waste gen (Management and Tra Activities for which A	es shall be disposerated, if any, shansboundary Mov	sed of as per the Ba all be handled as pe vement) Rules, 201	tteries (Manager	ment and Handling) Rules,
4.2 4.3 4.3.1 Collect	(Regulation and Cont Used lead acid batteri 2001 Hazardous waste gen (Management and Tra Activities for which A	es shall be disposerated, if any, shansboundary Mov	sed of as per the Ba all be handled as pe vement) Rules, 201 ranted	tteries (Manager	ment and Handling) Rules,
4.2 4.3 4.3.1	(Regulation and Cont Used lead acid batteri 2001 Hazardous waste gen (Management and Tra Activities for which A	es shall be disposerated, if any, shansboundary Mov	sed of as per the Baull be handled as per vement) Rules, 201 ranted transport Storage	tteries (Manager	ment and Handling) Rules,
4.2 4.3 4.3.1 Collect Recept	(Regulation and Cont Used lead acid batteri 2001 Hazardous waste gen (Management and Tra Activities for which A	es shall be dispose erated, if any, sha ansboundary Mov Authorisation is g	sed of as per the Baull be handled as pervement) Rules, 201 ranted transport Storage Reprocessi	r the Hazardous 6. ng/Disposal	ment and Handling) Rules, and Other Wastes
4.2 4.3 4.3.1 Collect Recept: Treatm 4.3.2	(Regulation and Cont Used lead acid batteri 2001 Hazardous waste gen (Management and Tra Activities for which A	es shall be dispose erated, if any, sha ansboundary Mov Authorisation is g	sed of as per the Baull be handled as pervement) Rules, 201 ranted transport Storage Reprocessi	r the Hazardous 6. ng/Disposal	ment and Handling) Rules, and Other Wastes
4.2 4.3 4.3.1 Collect Recept: Treatm 4.3.2	(Regulation and Cont Used lead acid batteri 2001 Hazardous waste gen (Management and Tra Activities for which A ion ion Type, quantity and m	es shall be dispose erated, if any, sha ansboundary Mov Authorisation is g	sed of as per the Baull be handled as pervement) Rules, 201 ranted transport Storage Reprocessi llection/disposal of	r the Hazardous 6. ng/Disposal	ment and Handling) Rules, and Other Wastes es shall be as follows:
4.2 4.3 4.3.1 Collect Recept	(Regulation and Cont Used lead acid batteri 2001 Hazardous waste gen (Management and Tra Activities for which A ion ion Type, quantity and m	es shall be dispose erated, if any, sha ansboundary Mov Authorisation is g	sed of as per the Baull be handled as pervement) Rules, 201 ranted transport Storage Reprocessi	r the Hazardous 6. ng/Disposal hazardous waste	ment and Handling) Rules, and Other Wastes es shall be as follows:

5. SPECIFIC CONDITIONS

- 5.1 The location of the industry/out let shall be as per the approved drawing attached. No change or alteration or expansion of the unit is to be made without the prior permission of the Board. Any change in the particulars furnished in the application and/or in the identity of the occupier/authorized agent is to be intimated to the Board forthwith.
- 5.2 For renewal of the Consent to Operate in case of continuance of operation of the quarry, application in the prescribed form shall be submitted through the web portal of the Board for Online Consent Management & Monitoring System 2 months prior to the date of expiry. Late application will be accepted only with fine.
- 5.3 The consent issued from the board is only with respect to the powers vested under the Water (prevention and control of pollution) Act 1974, Air (prevention and control of pollution) Act 1981 and the Rules there under. The operation of the quarry shall be commenced only after obtaining clearances from all concerned Authorities.
- 5.4 This consent will be valid only when the Environmental Clearance obtained for the quarry is valid.
- 5.5 There shall not be any quarrying activity between 6 pm to 6 am.
- 5.6 The suspended particulate matter (PM 10) in ambient air at the boundary of the quarry shall not exceed 100 microgram/m3
- 5.7 The suspended particulate matter (PM 2.5) in ambient air at the boundary of the quarry shall not exceed 60 microgram/m3
- 5.8 The sound level (Leq) at 1 m outside the boundary of the site should not exceed the ambient noise Standard applicable to the adjoining areas.
- 5.9 The applicant shall provide adequate facilities to conduct ambient air and sound monitoring as noted in condition 5.6 to 5.8.
- 5.10 Periodical monitoring of ambient air and sound shall be conducted by the applicant and the report shall be submitted to the District office of the Board once in a year.
- 5.11 The applicant shall put up a sign board of size 6ft x 4ft. near the main entrance of the quarry. The board shall display the name of the industry and important consent conditions.

Digitally signed by EBY VARGHESE

VARGHESE
Date: 2018.02.07
14:53:56 +05'30'
SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER

DATE:07/02/2018

	COLUTION CO.
То	
Raac Alan	lagaraj, dha Nivas, nipally, hangad
1. Tł	his digitally signed document is legally valid as per the Information Technology Act 2000
unit/	or verifying this document please go to krocmms.nic.in and search using date of issue/name of the Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent agement and Monitoring System.
	Dogge
	Page5

Copy of Consent form PCB

Annexure No.2

1

<u>District Environment Impact Assessment Authority (DEIAA) Kasaragod</u> <u>Proceedings of the District Environment Impact Assessment Authority, Kasaragod.</u> (<u>Present: Sri.Biju.C</u>)

Sub: - DEIAA, Kasaragod – Environmental Clearance - for the Building stone quarry project of Sri.M.Nagaraj, Managing Partner, M/S Mahadev Metals in Balal Village, Vellarikkundu Taluk, Kasaragod District in 4.6945 Hectares of land in R.S.No. 113, 146/4A5 of Balal village, Vellarikundu Taluk – EC Granted - orders issued.

Environmental Clearance

No. A/6694/2017 of DEIAA

dated: 30.01.2018

Ref:- 1.No. SO 141(E) dtd 15.01.16 of MOEF & CC.

- 2. Letter No. 4195/EC2/2015/SEIAA dated 06.01.2017 of SEIAA, Kerala.
- Online application filed by Sri.M.Nagaraj, Managing Partner, M/S. Mahadev Metals, Balal Village.
- 4. Minutes of DEAC meeting held on 27.12.2017.
- 5. Minutes of DEIAA meeting held on 10.01.2018.

Environmental Clearance No. 22/2018

Sri. M.Nagaraj, Managing Partner, M/S Mahadev Metals in Balal village of Vellarikkundu Taluk has filed online application to the Member Secretary DEIAA for the Environmental Clearance for the building stone quarry project in 4.6945 Hectares of land in R.S.No. 113, 146/4A5 in Balal village of Vellarikkundu Taluk.

The application was forwarded to the District Expert Appraisal Committee (DEAC) for appraisal of proposal. DEAC conducted a site inspection on 16.09.2017 and a meeting held on 27.12.2017. The DEAC Committee recommend for issuance of Environmental Clearance for the Building Stone Quarry Project of Sri.M.Nagaraj, Managing Partner, M/S Mahadev Metals in R.S.No. 113, 146/4A5 in Balal village of Vellarikkundu Taluk.

DEIAA chaired by the District Collector was convened on 10.01.2018 to consider the proposal submitted by DEAC. The Member Secretary of DEAC(Geologist) presented the case in the DEIAA Committee. After discussion of the case with the expert member and other members, DEIAA decided to issue Environmental Clearance after getting Expert Member of

2

- DEIAA to the proponent by imposing following general and specific conditions besides the general conditions enclosed.
 - 1. Quarrying should be conducted as per approved mining plan.
 - 2. Fencing should be provided all around the lease area.
 - 3. Appropriate Sign boards should be displayed.
 - 4. Air and sound pollution control measures as required shall be provided.
 - 5. The blasting operations shall be done in a controlled manner and shall not carry any harm/damages to the life and property of adjacent land owners.
 - 6. Control measures on noise and vibration should be implemented.
 - 7. Bench cutting with height not more than 5 metre and width not less than 5 metre is to be insisted.
 - 8. After quarrying the reclaimed area shall be planted with plant species using the fertile top soil proposed to be removed for quarrying.
 - 9. A sedimentation tank of size 25x15x3.0 metres shall be constructed below the quarry face in the South- West of the lease area. The desilting shall be done periodically.
 - 10. The quarrying operation can be done only after proper marking of buffer zones of 7.5 m width in the existing quarry between BP1& BP2 with suitable fencing.
 - 11. The quarrying should be restricted to the present ground level between BP4&BP5. Since the width of land from boundary to Government land is very less.
 - 12. The existing drinking water source on Eastern side of the lease area should be retained after quarrying also.

The Expert Member submitted favourable site inspection report to Member Secretary, DEIAA. The proponent, Sri.M.Nagaraj, Managing Partner, M/S Mahadev Metals in Balal Village (S/o Madan Mohan Ravu, Radha Nivas, Alamipally, Kanhangad) Kasaragod District has remitted the processing charge of Rs. 100000/- (Rupees One lakh only) as per Chalan No. KL010128635201718M, dated 25.01.2018 under the Head of Account No. "1425-00-501-99".

Under the circumstances stated above, Environmental Clearance is hereby issued to the proponent, Sri.M.Nagaraj, Managing Partner, M/S Mahadev Metals in Balal Village, Vellarikkund Taluk, Kasaragod District for Granite building stone quarry project in 4.6945 Hectares of land in R.S.No. 113, 146/4A5 of Balal village of Vellarikkundu Taluk. The proposed project is for quarrying of 202526 TPA of building stone and the life of mine is 9

years. The Geologist, Kasaragod should visit the site occasionally and ensure that there is no violation of conditions and non compliance if any shall be reported to the District Collector, Kasaragod. Violation of any of the general or specific conditions will entail cancellation of

3

Environmental Clearance in addition to proceeding with legal action under the provisions of Environment (protection) Act 1986 and Notification No. SO. 637 (E) dated 28.02.2014 of the Ministry of Environment and Forest, Government of India.

Member Secretary (DEIAA) & Revenue Divisional Officer, Kasaragod.

To

Sri.M.Nagaraj, Managing Partner, M/s Mahadev Metals, Radha Nivas, Alamipally, Kanhangad, Kasaragod District



Copy to:

- 1. SEIAA, Thiruvananthapuram.
- 2. To the Chairman, DEIAA & District Collector, Kasaragod.
- 3. The Chairperson, DEAC & Executive Engineer, Irrigation Division, Kasaragod.
- 4. The Tahsildar, Vellarikkundu for information.
- 5. Geologist, Kasaragod.
- 6. VO, Balal.
- 7. SHO, Vellarikundu.
- 8. Divisional Forest Officer, Kasaragod (Member DEIAA)
- 9. Prof. V. Gopinathan, Retired Deputy Director of Collegiate Education, Sreeragam, Chinmaya Colony, H.No. 32, Vidyanagar P.O, Kasaragod (Expert member, DEIAA)
- 10. Secretary, Balal Grama Panchayath.

4

DISTRICT ENVIRONMENT IMPACT ASSESSMENT AUTHORITY KASARAGOD, GENERAL CONDITIONS (for mining projects)

- Rain water harvesting facility should be installed as per the prevailing provisions of KMBR/KPBR, unless otherwise specified.
- Environment Monitoring Cell as agreed under the affidavit filed by the proponent should be formed and made functional.
- Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.
- Sprinklers shall be installed and used in the project site to contain dust emissions.
- 5. Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.
- 6. At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other specific condition on reclamation of pit is stipulated in the F.C
- 7. Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented
- 8. The lease area shall be fenced off with barbed wires to a minimum height of 4 ft around, before starting of mining. All the boundary indicators (boards, stores, markings, etc.) shall be protected at all times and shall be conspicuous.
- Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of
 Explosive Department.
- 10. Control measures on noise and vibration prescribed by KSPCB should be implemented
- 11. Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.
- Blasting should be done in a controlled manner as specified by the regulations of Explosives Department or any other concerned agency.
- 13. A licensed person should supervise/control the blasting operations.
- 14. Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan/specific conditions.
- 15. Height of benches should not exceed 6m and width should not be less than 5m if there is no mention in the mining plan/specific condition.
- 16. Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.
- 17. 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.
- 18. The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.
- 19. Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.
- 20. The transportation of minerals should be done in covered trucks to contain dust emissions.
- 21. The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the
- 22. Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.
- 23. Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.
- 24. A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided
- 25. 100 m buffer distance should be maintained from forest boundaries.
- Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.
- 27. All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.
- 28. In the case of any change(s) in the scope of the project, extent, quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the E.C is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.
- 29. 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,

5

1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

- 30. 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.
- 31. 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 District Environment Impact Assessment Authority (DEIAA) office Kasaragod and may also be seen on the website of the Authority at www.environmentclearance.nic.in The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.
- 32. A copy of the clearance letter shall be sent by the proponent to concernedGramapanchayat/DistrictPanchayat/Municipality/Corporation/Urban Local Body and also to the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.
- 33. The proponent shall submit half yearly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective State Environment Impact Assessment Authority (SEIAA) office and also to the District Environment Impact Assessment Authority (DEIAA) office.
- 34. The details 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 Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.
- 35. The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.
- 36. No change in mining technology and scope of working should be made without prior approval of the DEIAA, No further expansion or modifications in the mine shall be carried out without prior approval of the DEIAA, as applicable.
- 37. The Project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.
- 38. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.
- 39. The top soil, if any, shall temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45° The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.
- 40. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly de silted particularly after monsoon and maintained properly.
- 41. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM 10 and PM2.5 such as haul Road, loading and unloading points and transfer points, it shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
- 42. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- 43. Measures should be taken for control of noise levels below 85 dBA in the work environment
- 44. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization

6

- 45. The funds earmarked for environmental protection measures and CSR activities should be kept in separate account and should not be diverted for other purposes. Year wise expenditure should be reported to the District Environment Impact Assessment Authority Kasaragod (DEIAA) office.
- 46. The Regional Office of SEIAA & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data/information/monitoring reports.
 - Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
 - 48. Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act
 - 49. The SEIAA may revoke or suspend the order, for non implementation of any of the specific conditions or the implementation of any of the above conditions is not satisfactory. The DEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
 - 50. The above conditions shall prevail not withstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.
 - 51. This order is valid for a period of 5 years or the expiry date of quarrying lease period issued by the Government of Kerala, whichever is earlier.
 - 52. The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.
 - 53. The mining operation shall be restricted to above ground water table and it should not intersect ground water table.
 - 54. All vehicles used for transportation and within the mines shall have 'PUC' certificate from authorized pollution testing centre. Washing of all vehicles shall be inside the lease area.
 - Project proponent should obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project
 - 56. Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly reports to DEIAA.
 - 57. Occupational health surveillance programme of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

Date Cannanas Office

Member Secretary (DEIAA) & Revenue Divisional Officer, Kasaragod.

Copy of Environmental Clearance Order

Annexure No.3

4/7/22, 10:22 AM



भारत सरकार | Government of India

वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry

पेट्रोलियम 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 | फैक्स (Fax):- 2427276

संख्या (No.): E/SC/KL/22/1029(E49400)

दिनांक (Date): 01/04/2022

सेवा में | To,

Managing Director,

Divon Rock Product Pvt. Ltd., S/o. Mathew, Panthaplackal House, Kizhakkambalam.,

Town/Village - Pattimattom

District-ERNAKULAM, State-Kerala, Pincode - 671533

विषय:

Survey No(s).R.S No 113., ग्राम Balal village,Hosdurg talu, जिला KASARAGOD, राज्य Kerala में मेसर्स **Managing Director** द्वारा विस्फोटक के मैगजीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञार सं E/SC/KL/22/1029(E49400) के संशोधन संदर्भ में।

(आरेखण / सुविधाएं / परिसर में परिवर्तन)

Subject:

Possession for Use of of Explosives from magazine situated at Survey No(s).:R.S No 113., Balal village, Hosdurg talu, Dist. KASARAGOD, Kerala -Licence No.: E/SC/KL/22/1029(E49400) granted in Form LE-3 of Explosives Rules, 2008 - (Amendment in Drawings/Facilities/Premises).

महोदय। Sir.

आपका उपर्युक्त विषय पर पत्र संख्या 62454 दिनांक 01/04/2022 का संदर्भ ग्रहण करें। Please refer to your letter no. 62454 dated 01/04/2022.

अनुज्ञप्ति संख्या E/SC/KL/22/1029(E49400) (1.)INTIMATION REGARDING QUARRYING OPERATIONS SY.NO.113,146/4A5 OF BALAL VILLAGE, BELLARIKUNDU TALUK, KASARAGOD DISTRICT, VIDE QUARRYING LEASE ORDER FROM DIRECTORATE OF MINING & GEOLOGY NO.578/2020-21/7263/M3/2020/DMG DATED 21/01/2021 IS ACKNOWLEDGED. NO USE OF EXPLOSIVES IS PERMITTED UNLESS VALID QUARRY PERMIT IS OBTAINED AND COPY SUBMITTED TO THIS OFFICE. LOCAL STATE GOVERNMENT AUTHORITIES APPROVAL/ENVIRONMENTAL CLEARANCE AS APPLICABLE AND RENEWED FROM TIME TO TIME SHALL BE IN POSSESSION (2.) LICENSED EXPLOSIVES VAN SHALL BE USED FOR TRANSPORTATION OF EXPLOSIVES FROM MAGAZINE TO BLASTING SITE. (3.) IF ANY CHANGE OF QUARRY OR ADDITIONAL QUARRY IS INVOLVED, NECESSARY PRIOR APPROVAL/ENDORSEMENT SHALL BE OBTAINED FROM THE LICENSING AUTHORITY. (4). OPENING OF QUARRY SHALL BE INFORMED TO THE DGMS AND BLASTING OPERATIONS SHALL BE CONDUCTED AS PER MINES ACT. (5) APPROVED BLASTER SHALL BE APPOINTED IN THE QUARRY FOR BLASTING.(6.) ALL RECORDS OF USE OF EXPLOSIVES IN RE-3, RE-5, RE-7, RE-13 SHALL BE MAINTAINED. (7). DAILY PASS FOR USE OF EXPLOSIVES (RE-13) SHALL BE GENERATED ONLINE. (8). EXPLOSIVES AND DETONATORS SHALL NOT BE TRANSPORTED IN THE SAME VAN AND TO BE TRANSPORTED SEPARATELY FROM MAGAZINE TO THE BLASTING SITE. (9) VAN SHALL NOT BE USED FOR STORAGE OF EXPLOSIVES AT SITE. के संदर्भ में यथा संशोधित कर भेजी जा रही है।

The Licence No.: E/SC/KL/22/1029(E49400) is forwarded herewith duly amended in respect of followings;

4/7/22 10:22 AM

(1.)INTIMATION REGARDING QUARRYING OPERATIONS SY.NO.113,146/4A5 OF BALAL VILLAGE, BELLARIKUNDU TALUK, KASARAGOD DISTRICT, VIDE QUARRYING LEASE ORDER FROM DIRECTORATE OF MINING & GEOLOGY NO.578/2020-21/7263/M3/2020/DMG DATED 21/01/2021 IS ACKNOWLEDGED. NO USE OF EXPLOSIVES IS PERMITTED UNLESS VALID QUARRY PERMIT IS OBTAINED AND COPY SUBMITTED TO THIS OFFICE. LOCAL STATE GOVERNMENT AUTHORITIES APPROVAL/ENVIRONMENTAL CLEARANCE AS APPLICABLE AND RENEWED FROM TIME TO TIME SHALL BE IN POSSESSION (2.) LICENSED EXPLOSIVES VAN SHALL BE USED FOR TRANSPORTATION OF EXPLOSIVES FROM MAGAZINE TO BLASTING SITE. (3.) IF ANY CHANGE OF QUARRY OR ADDITIONAL QUARRY IS INVOLVED, NECESSARY PRIOR APPROVAL/ENDORSEMENT SHALL BE OBTAINED FROM THE LICENSING AUTHORITY. (4). OPENING OF QUARRY SHALL BE INFORMED TO THE DGMS AND BLASTING OPERATIONS SHALL BE CONDUCTED AS PER MINES ACT. (5) APPROVED BLASTER SHALL BE APPOINTED IN THE QUARRY FOR BLASTING. (6.) ALL RECORDS OF USE OF EXPLOSIVES IN RE-3, RE-5, RE-7, RE-13 SHALL BE MAINTAINED. (7). DAILY PASS FOR USE OF EXPLOSIVES (RE-13) SHALL BE GENERATED ONLINE. (8). EXPLOSIVES AND DETONATORS SHALL NOT BE TRANSPORTED IN THE SAME VAN AND TO BE TRANSPORTED SEPARATELY FROM MAGAZINE TO THE BLASTING SITE. (9) VAN SHALL NOT BE USED FOR STORAGE OF EXPLOSIVES AT SITE..

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 No	विस्फोटक Explosive(s)	वर्ग Class	प्रभाग Div	उप-प्रभाग Sub Div	क्षमता Capacity	इकाई Unit
1	Nitrate Mixture	2	0	0	100	Kg.
2	Safety Fuse	6	1	0	2000	Mtrs
3	Electric Detonators	6	3	0	2000	Nos.
4	Ordinary Detonator	6	3	0	2000	Nos.

किसी एक कलैंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ख) और (ग) के अधीन अनुज्ञप्ति के लिए लागू) : **26 गुना**

Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)]: 26 times as above.

यह अनुज्ञप्ति दिनांक 31 मार्च 2024 तक प्रवृत्त रहेगी।

This Licence shall remain valid till 31st day of March 2024.

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

(पी.के.राणा | Dr. P. K. Rana)

विस्फोटक नियंत्रक | Controller of Explosives कृते उप मुख्य विस्फोटक नियंत्रक | For Dy. Chief Controller of Explosives कोच्ची | Ernakulam

प्रतिलिपि प्रेषित | Copy Forwarded to:

- District Magistrate, KASARAGOD, Kerala with reference to his Noc No: D5/3895/2021/D.Dis Dated: 26/03/2022
- 2. Superintendent of Police, KASARAGOD, Kerala.

कृते उप मुख्य विस्फोटक नियंत्रक | For The Dy. Chief Controller

2/3

Transfered from Shri K.J.VINCENT Transfered from Shri Nithin Nagaraj

26 times

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

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

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

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

अनुज्ञप्ति सं. (Licence No.) : E/SC/KL/22/1029(E49400) वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

Managing Director (अधिभागो / Occupier : Shri Joshy P Mathew), Divon Rock Product Pvt. Ltd., S/o. Space of the I Mathew, Panthaplackal House, Kizhakkambalam., Town/Village - Pattimattom, District-ERNAKULAM कुट्रस्पृता State-Kerala, Pincode - 671533

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : Company

possess for use of Nitrate Mixture, Safety Fuse, Electric Detonators, Ordinary Detonator, - & Suring of the Property of the Pr 3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है। Licence is valid only for the following purpose.

 अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है। Licence is valid for the following kinds and quantity of explosives: -- (句) (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
31, 190.	The second secon	2.0	0	100 Kg.
1.	Nitrate Mixture	na na array na manakana na	0	2000 Mtrs
2.	Safety Fuse	6,1		2000 Nos.
3.	Electric Detonators	6,3	0	2000 Nos.
Λ	Ordinary Detonator	6,3	0	2000 1905.

(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)]

 निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पुष्टि होती है। रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1029 (E49400) दिनांक (Dated) 30/03/2022

The licensed premises shall conform to the following drawing

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित हैं। The licensed premises are situated at following address: Survey No(s). R.S No 113 , ग्राम (Town/Village) : Balal village, Hosduper धाना (Police Station) : Vellarikundu पिनकोड (Pincode) 671533 राज्य (State) Kerala KASARAGOD जिला (District) फैक्स (Fax) ई. मेल (E-Mail)

9495262449 द्रभाष (Phone) 7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं। The licensed premises consist of following

: two mini magazines of stone masonry construction

facilities. 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, सित्रमीण संबंधी और अन्य विवरण दर्शित करते हुए Drawings (showing site, constructional and other details) as stated in serial No. 5 above.

अनुज्ञप्ति प्राधिकारी व्दाररा हस्ता क्षरित इस अनुज्ञप्ति की शर्ते और अतिरिक्ति शर्ते। Conditions and Additional Conditions of this licence signed by the licensing authority. दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख 31 मार्च 2014 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2014. यह अनुज्ञप्ति, अधिनियम या उसुके 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

Annexure No.4



ബളാൽ ഗ്രാമപഞ്ചായത്ത്

ബളാൽ (പി .ഒ), കാസർകോഡ് (ജില്ല)

.പിൻ: 671533, ഫോൺ: 0467 2242235 ഇ-മെയിൽ: secbalalgp@gmail.com

ബളാൽ ഗ്രാമ പഞ്ചായത്തിൽനിന്നും1994ലെ കേരള പഞ്ചായത്ത് രാജ്ആക്ട് (1994ലെ13) 232, 233, 234, 254 എന്നീ വകപ്പുകളും അതേതുടർന്നുള്ള ചട്ടങ്ങളും അനസരിച്ച് ഫാക്ടറികൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേനങ്ങൾ എന്നിവയ്ക്കായി നൽകന്ന ലൈസൻസ് താഴെപ്പറയും പ്രകാരം അനവദിച്ച് ഉത്തരവാകന്നു.

	(010(10(2))	2 2					
ലൈസൻസ് നമ്പർ		46/2019-20					
ലൈസൻസിയുടെ പേര്		എം നാഗരാജ്					
ലൈസൻസിയുടെ മേൽ വിലാസം സ്ഥാപനത്തിന്റെ പേര് ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ വാർഡ് നമ്പർ / കെട്ടിട നമ്പർ		ഡയറക്ടർ,ഡിവോൺ റോക്ക് പ്രൊഡക്ടസ് പ്രൈവറ്റ ലിമിറ്റഡ്,കൊന്നനംകാട്,ബളാൽ(പി ഒ) ഡിവോൺ റോക്ക് പ്രൊഡക്ടസ് പ്രൈവറ്റ് ലിമിറ്റഡ് ക്വാറി 4/Rs No 113, 146/4a5					
				ലൈസൻസ് കാലയളവ്		02-05-2019 മുതൽ 28-01-2024 വരെ*	
				ഫീസ് ഒടുക്കിയതിന്റെവിശദാംശങ്ങൾ	<u>യ</u> ക	രസീത് നമ്പർ	രസീത് തിയതി
ലൈസൻസ് ഫീസ്	23600	119010100331,00332	02/05/2019				
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാക്ഷേപപത്രങ്ങളുടെ വിശദാംശങ്ങൾ		പ്ലാസ്റ്റിക് നിരോധനം, സ്ഥല സംബന്ധിച്ച സത്യവാങ്മൂലം					

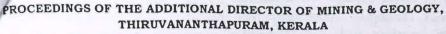
* ഇന്ത്യൻ സർക്കാറിൻറെ 18/01/2021 ലെ GG-DL-E-18012021-224513 നമ്പർ അസാധാരണ ഗസറ്റ് പ്രകാരം എല്ലാ പാരിസ്ഥിതികാനുമതികളും 1/04/2020 മുതൽ 31/03/2021 വരെയുള്ള കാലയളവ് പ്രസ്തത പാരിസ്ഥിതികാനുമതികളുടെ കാലാവധി കണക്കാക്കുന്നതിൽ പരിഗണിക്കരുതെന്നുള്ളതീരുമാനത്തിൻറെയും ബളാൽ ഗ്രാമപഞ്ചായത്തിൻറെ 13/12/2022 ലെ ഭരണസമിതിയോഗത്തിൻറെ 13/1 നമ്പർ തീരുമാനത്തിൻറെയും അടിസ്ഥാനത്തിൽ 02/05/2019 മുതൽ 29/01/2023 വരെ ഉണ്ടായിരുന്ന ഈ ലൈസൻസിൻറെ കാലാവധി 28/01/2024 വരെ പുനർനിശ്ചയിച്ച് നൽകുന്നു.

ലൈസൻസി താഴെപ്പറയുന്ന വ്യവസ്ഥകൾ അനുസരിക്കേണ്ടതാകുന്ന

1.കേരള പഞ്ചായത്ത് രാജ് ആകും അതേത്രടർന്നള്ള ചട്ടങ്ങളും ബൈലോകളും അനസരിച്ച പ്രവർത്തിക്കേണ്ടമാകന്നു. പങ്ങായത്ത് രാജ് ആകു് 236 പാലിക്കേണ്ടതാണ് // 2 തൊഴിൽ സ്ഥലവും അതിലുള്ള സാധന സാമഗ്രികളും പഞ്ചായത്ത് അധികാരികൾക്കോ / സെക്ടറി അധികാരപ്പെട്ടത്തുന്ന മറ്റ് ഉദ്യാഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസർസ് വരാജ് തുക് 236 പുടുഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസർസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്കെ വിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസർസ് രാജ് പ്രവർച്ചിയായുടെ പുടുത്തിൽ ലൈസർസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തക്കെ വിധത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസർസ് രാജ് പ്രവർച്ചിയുള്ള പെർമിഷൻ, ലൈസർസ് വർ പ്രവർച്ചൻ, വൈസർസ് മുള്ള വെർമിഷൻ, ലൈസർസ് മുള്ളിയത്തും കാലസർസ് നായുള്ള വെർമിഷൻ, ലൈസർസ് വർശ്രായും തന്നെവരിച്ചിട്ടുള്ള വെർമിഷൻ, ലൈസർസ് മുള്ളിയായും കാലസർസ് അവേസർപ്രിക്കന്നുവരും വരായും വരായും വരായും വരായും അവേരിച്ചുന്നുവരും വരായും വരായ

Copy of Gram Panchayath License

Annexure No.5



(Present Shri. T K Ramakrishnan)

Sub:

Department of Mining & Geology, Government of Kerala - Mines & Minerals - Minor Minerals - Granite (Building Stone) - Quarrying Lease to M/s. Mahadev Metals, Konnanamkadu, Balal, Anandashram (Via) Kasaragod District - 671 533 (Represented by its Managing Partner, Shri. M. Nagaraj) - sanctioned-orders-issued.

Ref: 1

- Application dated 23/11/2016 from M/s. Mahadev Metals, Konnanamkadu, Balal, Anandashram (Via) Kasaragod District 671 533 (Represented by its Managing Partner, Shri. M. Nagaraj).
- 2 Letter No. DOK/1740/M/2016 dated 29/03/2017, 05/09/2018 from the Senior Geologist, District Office, Kasaragod.
- 3 Letter of Intent No. 3270/M3/2017 dtd 18/04/2017 issued by Director of Mining and Geology
- 4 Environmental clearance No. 22/2018 issued vide Pro. Order No. A/6694/2017 of DEIAA dtd. 30/01/2018 by the District Environment Impact Assessment Authority, Kasaragod (valid till 29.01.2023).
- Integrated consent to operate No. PCB/KSRD/ICO/18/2018 dt. 07.02.2018 issued by Kerala State Pollution Control Board, Kasaragod (valid till 31/10/2023).
- 6 Explosive License No. E/SC/KL/22/1029(E49400) dated 30/08/2018 issued by Petroleum and Explosive Safety Organization, Eranakulam (valid till 31.3.2019)
- 7 Dangerous and Offensive Trade License No. 321/2018 19 dated 14/05/2018 issued by Balal Grama Panchayat (valid till 31.03.2019)
- 8 Mines and Minerals (Development & Regulation) Act, 1957.
- 9 Kerala Minor Mineral Concession Rules, 2015
- 10 Kerala Minerals (Prevention of Illegal Mining, Storage & Transportation)
 Rules 2015

No. 500/2018-19/3270/M3/2017/DMG Dated, Thiruvananthapuram 17/10/2018

ORDER

M/s. Mahadev Metals, Konnanamkadu, Balal, Anandashram (Via) Kasaragod District – 671 533, a partnership firm having serial number 2326/2008 (Represented by its Managing Partner, Shri. M. Nagaraj) (Aadhaar No. 3824 9886 8885) submitted an application vide reference first cited to obtain quarrying lease to quarry Granite (Building Stone) over an area of 4.6945 Hectares of land (as per the survey map No. 7503/18/B4 Balal issued by Tahsildar, Vellarikundu) comprised in Survey Nos. 113,

2

Page 1 of 7

146/4A5 of Balal Village, Vellarikundu Taluk. Vide letter dated 29/03/2017 the District Geologist, Kasaragod has intimated that the applied area was previously quarried with the strength of quarrying permits and that a total quantity of 1,10,500 tonnes of Granite (building stone) was already removed from the said area. District Geologist has also intimated that as on date of application, there is no dues against the applicant.

Based on the merit of the application and the enclosed mandatory documents including survey map, possessions certificates, demarcation certificate and land assignment certificate issued by Revenue Authorities and based on the recommendation of the District Geologist, a letter of intent was issued to the applicant vide reference cited 3 intimating the intention of the department to grant quarrying lease subject to production of approved mining plan and other statutory licenses. The District Geologist forwarded the mining plan (prepared by Shri. S. Dhanasekar, Recognized Qualified Person –Reg. No. RQP/MAS/225/2011/A) approved by him and other statutory licenses submitted by the applicant to this office. In the approved mining plan it is mentioned that during the life of the mine (9 years), mineable mineral reserve of 18,01,337 MT with an average production of 2,00,149 MT of granite (building stone) per year can be mined. Since the applicant has produced all statutory documents as per the Letter of Intent, it is decided to grant a quarrying lease in the said land and hence following orders are issued:

A quarrying lease is hereby granted M/s. Mahadev Metals, Konnanamkadu, Balal, Anandashram (Via) Kasaragod District – 671 533 (Represented by its Managing Partner, Shri. M. Nagaraj) (Aadhaar No. 3824 9886 8885) to quarry Granite (Building Stone) over an area of 4.6945 Hectares of land (as per the survey map issued by Tahsildar, Vellarikundu) comprised in Survey Nos. 113, 146/4A5 of Balal Village, Vellarikundu Taluk, Kasaragod District for 9 (Nine) years as per the Kerala Minor Mineral Concession Rules, 2015, subject to the conditions mentioned below.

- 1. The lessee shall execute a quarrying lease deed within a period of six months from the date of this order in form 'H' as per Rule 43 of the Kerala Minor Mineral Concession Rules, 2015 and the quarrying leases deed shall be registered in accordance with the provisions of the Indian Registration Act, 1908.
- 2. The lessee shall commence quarrying operation only after the deed is executed and registered.

Page 2 of 7

- The lessee shall not assign, sublet or transfer his lease or any right or interest therein to any person without previous written permission of the Director of Mining & Geology.
- 4. Royalty is payable to Government as per Rule 32 of the Kerala Minor Mineral Concession Rules, 2015 in respect of minor mineral quarried and moved out of the quarry subject to revision from time to time on the basis of amendments to the schedule I of the said Rules. In case the lessee opts for consolidated royalty payment system by registering attached metal crusher units as per Rule 89, then consolidated royalty at the rate specified in Schedule III said Rules shall be paid instead of royalty specified in Schedule II.
- 5. Dead rent is realizable under 40(1)(d) of the said rules subject to revision from time to time on the basis of amendments to the schedule II of the said rules.
- 6. Surface rent realizable under 40(1)(e) of the said rules will be equal to the land revenue assessed by the Revenue Department subject to revision from time to time on the basis of the land revenue.
- 7. The lessee shall also deposit an amount of Rs. 46,945/- (Rupees forty six thousand nine hundred and forty five only) being the security deposit at the rate of Rs 10,000/- per hectare as security deposit for the observance of the terms and conditions of the lease before the deed is executed as per rule 42 of the said rules.
- 8. The lessee shall produce financial guarantee for Rs. 1,17,363/- (Rupees one lakh seventeen thousand three hundred and sixty three only) as stipulated in rule 62 of KMMC Rules 2015, before execution of lease deed.
- 9. The lessee shall pay tax related to Revenue Department, if any, as directed by them and the details should be furnished to the District Geologist periodically.
- 10. The lessee shall pay 10% of the amount of royalty/consolidated royalty as the case may be paid by them, being the quarry safety fund in addition to the royalty/consolidated royalty, as per rule 63 of KMMC rules, 2015.
- 11. In addition to the royalty, rents, funds, fees etc. that are required to be remitted by the lessee as per the Mines and Minerals (Development and Regulation) Act, 1957 and Rules made thereunder, the lessee shall pay all other fees, rents, taxes etc. as required by other agencies including Goods and Service Tax (GST) for royalty.
- 12. The quarrying shall be carried out as per the conditions stipulated in Kerala Minor Mineral Concession Rules 2015 and storage and transportation of mineral shall be carried out as per Kerala Minerals (Prevention of Illegal Mining, Storage and Transportation) Rules 2015.

Page 3 of 7

- The lessee shall renew Environmental Clearance on or before 29/01/2023 for the operation of the quarry for the remaining period.
- The quarrying operations shall be strictly as per the approved mining plan and schemes of mining.
- 15. The lessee shall review the progressive quarry closure plan every five years from the date of opening of the quarry and shall submit to the competent authority for its approval. The lessee shall submit to the competent authority in this behalf any early report before 1st July of every year describing protective works including reclamation and rehabilitation work carried out as envisaged in the approved quarry closure plan and if there is any deviation, reasons thereof.
- 16. The lessee shall submit a scheme of mining for the next five years or remaining period of the lease to the competent authority for approval at least one hundred and twenty days before the expiry of the first five year period for which it was approved on the last occasion.
- 17. The lessee shall submit final quarry closure plan one year prior to the proposed closure of the quarry and close the quarry as per the approved quarry closure plan.
- 18. The production of Granite (Building Stone) from the area covered under this grant shall be subject to the year-wise quantity specified in the approved Mining Plan and scheme of mining.
- 19. The lessee shall not win and dispose of any type of dimension and decorative stones from the area over which the quarrying lease has been sanctioned on the strength of this order.
- 20. The Lessee shall comply with any and all laws, ordinances, rules and orders related to quarrying operations of any and all governmental or quasi-governmental authorities.
- 21. The lessee shall comply with all the conditions mentioned in other statutory license required for carrying out quarrying operations.
- 22. The lessee shall stop all quarrying activities in the event of expiry of any other statutory licenses which is required for carrying out quarrying activities in the State as per the prevailing Acts and Rules. Any quarrying activity undertaken violating the above condition will be treated as illegal and lessee will be solely responsible for such act and lessee will be liable to pay the penalty imposed by any officer competent to enforce such Acts and Rules.
- 23. In case the lessee makes any breaches in the conditions of the lease deed or violates the conditions stipulated in relevant Act and Rules based on which all Statutory Licenses are issued for quarrying, then the lessee will be solely responsible for any such breaches and violation and in such cases, the

4

Page 4 of 7

lessee will be solely liable to pay such sum of money as fixed by competent authorities as due and penalty.

The Lessee shall indemnify and keep indemnified the State Government against all actions, proceedings, suits, claims, demands, losses, damages, costs, charges, and expenses incurred or suffered by them as a reason of any non-observance or non-performance of rules and regulations

- 25. This lease is granted in good faith based on the documents/licenses submitted by the lessee. The lessee is solely responsible for the authenticity of the documents/licenses submitted. At any stage, if it is observed that the documents submitted are incorrect or fake or forged or if it is found that some information was omitted or suppressed, then this lease is liable to be cancelled. In such an event the quarrying carried out with the strength of this lease will be treated as quarrying conducted without any lawful authority.
- 26. The lessee shall properly maintain the boundary pillars erected as per the demarcation certificate issued by the Village Officer till the expiry of lease.
- 27. The lessee shall erect a notice board in Malayalam at a prominent place with a minimum size of 1 metre X 1.5 metres in a metallic board near to the entrance of the quarry to the effect that it shall contain the name and address of the lessee, mineral concession number and date, validity of concession, the name of the mineral quarried, proposed annual production etc. In addition, details of other statutory licenses shall also be displayed.

28. The lessee shall erect by the side of the road leading to quarry (preferably 100 m away from quarry), a warning board with danger sign regarding operation of the quarry and use of explosives.

29. The lessee should take effective preventive measures for the safety of labourers as well as the general public. In due course of quarrying, if any part of the quarry becomes unsafe, then the lessee shall properly fence that area for preventing accidents by falling of human beings, animals, vehicles or any objects into the pit formed by quarrying.

30. The lessee shall not carry out any quarrying operations within 7.5 meters from the boundary of the lease area and quarrying operations shall be carried out in benches.

31. The lessee shall start mining operation with the strength of this lease only after sending a notice in form D appended to KMMC Rules 2015 to the Director (Mining), Directorate General of Mines Safety, No.5, 14th Main (100ft) Road, 4th B Block, Koramangla, Bengaluru – 560034 and to District Magistrate concerned and shall intimate the same to the District office of the Department of Mining and Geology.

Page 5 of 7



The lessee shall keep book of accounts of production and dispatch of granite (building stone) and shall file monthly and annual returns in Form F and Form G appended to KMMC Rules 2015.

The quarrying permit granted from the district office, if any, in the area of 33. this quarrying lease is hereby stands cancelled from the date of this order.

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 average annual production of 2,00,149 tonne is Rs. 48,03,576/- (Rupees forty eight lakhs three thousand five hundred and seventy six only). In this case, the surface rent to be remitted per year at the present rate of Rs. 5 per Are per year is Rs. 2,347/- (Rupees two thousand three hundred and forty seven only) and in the event of non - functioning of quarry the Dead Rent to be realized for the 1st year - NIL IInd year - Rs. 300/- (Rupees three hundred only) and IIIrd year onwards - Rs. 1,200/- (Rupees one thousand and two hundred only) per hectare subject to revision from time to time.

The terms and conditions stated in this order will be subject to such further modifications as may be made by the State Government from time to time.

Sd/-T. K. RAMAKRISHNAN ADDITIONAL DIRECTOR OF MINING & GEOLOGY

To

M/s. Mahadev Metals, Konnanamkadu, Balal,

Anandashram (Via) Kasaragod District - 671 533 (Represented by its Managing Partner, Shri. M. Nagaraj)

Copy to:

The Director (Mining), Directorate General of Mines Safety, No.5, 14th Main (100ft) Road, 4th B Block, Koramangla, Bengaluru - 560034

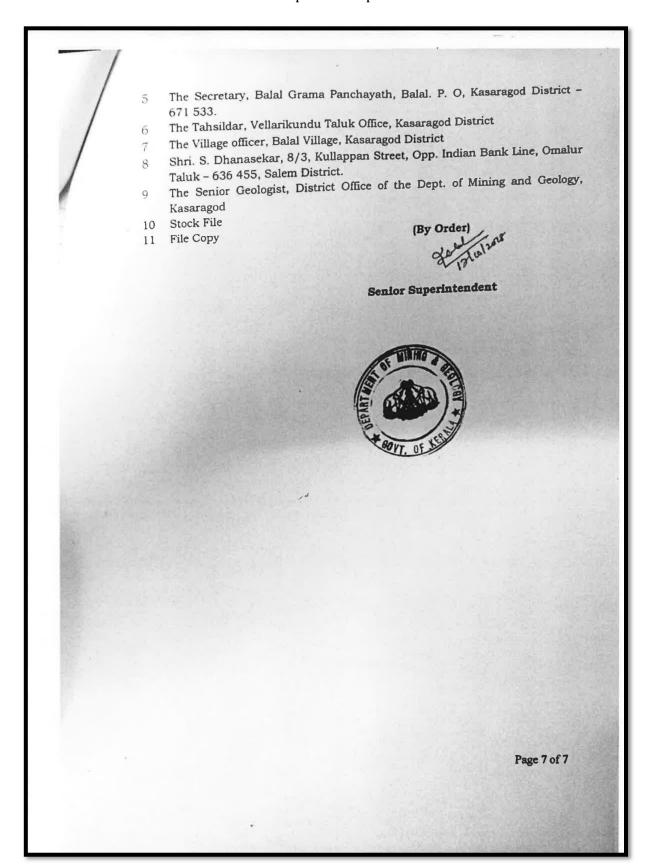
District Collector & Chairman, DEIAA, Civil Station, Kasaragod. 2

The Deputy Chief Controller of Explosives, PESO, C2-III Floor, CGO 3 Complex, Kakkanad, Ernakulam

The Environmental Engineer, Kerala State Pollution Control Board, District 4 Office, Kasaragod.

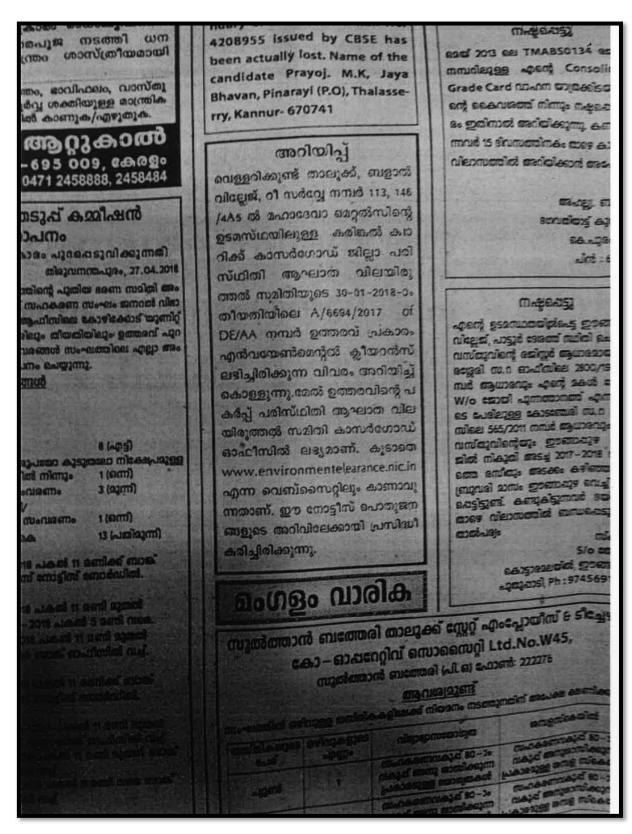


Page 6 of 7



Copy of Lease

Annexure No.6



Newspaper Advertisement

Annexure No.7



TEST REPORT

Test Report No: 20221118/R004	Date: 24-11-2022	Page 1 of 1

CUSTOMER DETAILS			
	Mr. M Nagaraj		
	Managing Partner		
	M/s Division Rock Products Pvt Ltd		
Customer Name & Address	(Formerly M/s Mahadeva Metals)		
	Radha Nivas, Alamipally,		
	Kanhangad, Kasargod District		
Customer Reference	Test Request date: 18-11-2022		

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	20221118/S004
Sample Name	Ambient Air	Sample Received on	19-11-2022
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	21-11-2022
Sampled by	Lab Authorized Sampler	Test Completed on	23-11-2022

DETAILS OF SAMPLING			
Sampling Location	Project Site	Date of Sampling	18-11-2022
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	69 %

SAMPLING SITE DETAILS					
Survey No.	113,146/4A5				
Village	Balal	Taluk	Vellarikkundu		
District	Kasargod	State	Kerala		

	TEST RESULTS-CHEMICAL					
SL NO	PARAMETERS	TEST METHOD	UNIT	RESULT	KSPCB LIMIT	
1	Particulate matter (PM ₁₀)	IS 5182 (Part 23): 2006	μg/m³	38.4	100 (Max)	
2	Particulate matter (PM _{2.5})	IS 5182 (Part 24): 2019	μg/m³	17.2	60.0 (Max)	
3	Sulphur dioxide (as SO ₂)	IS 5182 (Part 2): 2001	μg/m³	<4.00	80.0 (Max)	
4	Oxides of Nitrogen as NO ₂	IS 5182 (Part 6): 2006	μg/m³	<4.00	80.0 (Max)	

End of Report

Shency Joy Dy.TM-Chemical Checked by:

Laiju P.N. Laboratory Head Authorized Signatory

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

Standard⁵ Environmental & Analytical Laboratories
Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com

Ambient Air

Annexure No.8



TEST REPORT

Test Report No: 20221118/R005	Date: 24-11-2022	Page 1 of 2
-------------------------------	------------------	-------------

CUSTOMER DETAILS			
	Mr. M Nagaraj		
	Managing Partner		
	M/s Division Rock Products Pvt Ltd		
Customer Name & Address	(Formerly M/s Mahadeva Metals)		
	Radha Nivas, Alamipally,		
	Kanhangad, Kasargod District		
Customer Reference	Test Request date: 18-11-2022		

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	20221118/S005
Sample Name	Ambient Noise	Monitoring Commenced on	18-11-2022
Test Method	IS 9989:1981	Monitoring Completed on	19-11-2022
Monitoring Location	Project Site	Monitored by	Lab Authorized Sampler

	SAMP	LING SITE DETAILS	
Survey No. 113,146/4A5			
Village	Balal	Taluk	Vellarikkundu
District	Kasargod	State	Kerala

	MONITORING RESULTS - Leq				
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	37.1	14:00	49.7	22:00	35.9
07:00	39.7	15:00	50.0	23:00	35.2
08:00	43.9	16:00	51.2	24:00	37.8
09:00	47.4	17:00	51.6	01:00	38.5
10:00	49.7	18:00	46.2	02:00	38.1
11:00	52.7	19:00	42.8	03:00	38.8
12:00	50.0	20:00	39.0	04:00	37.8
13:00	49.3	21:00	38.5	05:00	39.6

Shency Joy Dy.TM-Chemical Checked by:

Laiju P.N. Laboratory Head Authorized Signatory

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

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



TEST REPORT

Test Report No: 20221118/R005	Date: 24-11-2022	Page 2 of 2
	- Andreas described and the second section of the second s	on the State of the Contract o

Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time	dB(A)	48.1
2	Ambient Sound Level (Leq) Night Time	dB(A)	38.1

Remarks:

End of Report

Standards

Shency Joy Dy.TM-Chemical Checked by: Standard S

Laiju P.N.
Laboratory Head
Authorized Signatory

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

Standard^S Environmental & Analytical Laboratories

Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.

K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43

Web: www.sealabs.in, E-mail: seaalab@gmail.com

Result of ambient Noise

Annexure No.9



TEST REPORT

Test Report No: 20221118/R006	Date: 24-11-2022	Page 1 of 2

CUSTOMER DETAILS			
	Mr. M Nagaraj		
	Managing Partner		
3.0	M/s Division Rock Products Pvt Ltd		
Customer Name & Address	(Formerly M/s Mahadeva Metals)		
	Radha Nivas, Alamipally,		
	Kanhangad, Kasargod District		
Customer Reference	Test Request Date: 18-11-2022		

SAMPLE DETAILS			
Product Category	Water	Sample Code	20221118/S006
Sample Name	Ground Water	Sample Received on	19-11-2022
Sample Description by Customer	Open Well Water	Temperature @ Receipt	4°C
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	21-11-2022
Sample Quantity& Packing	1 L & 125 ml in a Plastic Bottle	Test Completed on	23-11-2022
Information Provided by Customer		Sampled by	Not Drawn by Laboratory

SAMPLING SITE DETAILS			
Survey No.	113,146/4A5		
Village	Balal	Taluk	Vellarikkundu
District	Kasargod	State	Kerala

TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
1	Colour	IS 3025 (Part 4): 1983	Hazen	1	5 (Max)
2	Odour	IS 3025 (Part 5): 2018	(450)	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10): 1984	NTU	<0.1	1.0 (Max)

Shency Joy Dy.TM-Chemical

Checked by

Salini T.S.

Microbiologist Authorized Signatory

Laiju P.N. Laboratory Head Authorized Signatory

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

Standard⁵ Environmental & Analytical Laboratories
Approval & Recognition: "A" Grade Laboratory approved by Kerala State Pollution Control Board.
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com



TEST REPORT

Test Report No: 20221118/R006	Date: 24-11-2022	Page 2 of 2
-------------------------------	------------------	-------------

TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012
4	pH	IS 3025 (Part 11): 1983	84220	6.71	6.50-8.50
5	Conductivity	IS 3025 (Part 14):1984	μS/cm	48.8	
6	Total Dissolved Solids	IS 3025 (Part 16): 1984	mg/L	31.1	500 (Max)
7	Total Hardness as CaCO ₃	IS 3025 (Part 21): 2009	mg/L	10.0	200 (Max)
8	Calcium as Ca	IS 3025 (Part 40): 1991	mg/L	1.60	75 (Max)
9	Magnesium as Mg	IS 3025 (Part 46): 1994	mg/L	<1.00	30 (Max)
10	Chloride as Cl	IS 3025 (Part 32): 1988	mg/L	5.70	250 (Max)
11	Total Alkalinity as CaCO ₃	IS 3025 (Part 23): 1986	mg/L	3.98	200 (Max)
12	Iron as Fe	IS 3025 (Part 53): 2003	mg/L	<0.10	1 (Max)
13	Sulphate as SO ₄	IS 3025 (Part 24): 1986	mg/L	2.01	200 (Max)

TEST RESULTS - BIOLOGICAL PARAMETERS						
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500: 2012	
1	Total Coliform Bacteria	IS 15185: 2016		Absent/100 ml	Absent/100 ml	
2	E coli	IS 15185: 2016	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Absent/100 ml	Absent/100 ml	

Remarks:

End of Report

Shency Joy Dy.TM-Chemical Checked by

Microbiologist Authorized Signatory

Laboratory Head Authorized Signatory

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

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

Annexure No.10



PROCEEDINGS OF THE STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – KERALA, THIRUVANANTHAPURAM

Present

Dr. Nagesh Prabhu IFS(Rtd) Chairman, SEIAA Dr. V .Venu IAS Member Secratary, SEIAA

Dr. Jayachandran.K Member, SEIAA

Sub: SEIAA – Transfer of Environmental Clearance issued to Sri. M. Nagaraj, Managing Partner, M/s Mahadev Metals in Balal Village, Vellarikkundu Taluk, Kasargod District to M/s Divon Rock Products Pvt. Ltd. Konnakadu, Balal, Kasargod District 671533. - Granted – Orders issued.

State Environment Impact Assessment Authority, Kerala

SIA/KL/MIN/198269/2021 1880/EC2/2021/SEIAA

dated, Thiruvananthapuram 30.07.2021

Ref: 1. EC issued vide Proceedings No.A/6694/2017/DEIAA dated.30.01.2018.

- 2. Request dated 15/02/2021 received from Sri.M.Nagaraj
- 3. Minutes of the 110th SEIAA meeting held on 29th & 30th June 2021
- 4. G.O(Rt.) No.29/2019/Envt dt.12.04.2019.

ORDER

An application was submitted by Sri. M.Nagaraj Managing Partner of M/S. Mahadev Metals through Parivesh on 15/02/2021, requesting to transfer the EC issued to M/s Mahadev Metals vide paper (1) to M/s Divon Rock Products Pvt. Ltd. The EC was issued by DEIAA, Kasargod vide order No. A/6694/2017/DEIAA dated. 30.01.2018, to Sri. M.Nagaraj, Managing Partner M/s Mahadev Metals Pvt. Ltd, Konnanamkadu, Balal Post, Kasargod District, Kerala. The validity of EC expires on 29.01.2023.

The name of transferee is M/s Divon Rock Products Pvt. Ltd.(a Private Limited Company) and name of transferor is M/s Mahadev Metals (a Partnership firm).

The proposal was placed in the 110th meeting of SEIAA held on 29th & 30th June 2021

Page **1** of **2**

.Authority decided to transfer the EC to Sri. M.Nagaraj, Director M/s Divon Rock Products Pvt.Ltd as per clause 11 of EIA Notification 2006 on the same terms and conditions under which the EC was initially granted for the same validity period.

In the above circumstance, the Environmental Clearance issued in Re Survey No. 113, 146/4A5 in Balal Village, Vellerikund Taluk, Kasargod District, Kerala for an area of 4.6945ha to Sri.M.Nagaraj, Managing Partner, M/s Mahadev Metals in Balal Village, Vellarikund Taluk, Kasargod District, Kerala is hereby transferred to Sri. M.Nagaraj, Director M/s Divon Rock Products Pvt.Ltd, as per clause 11 of EIA Notification 2006 on the same terms and conditions under which the EC was initially granted and for the same validity period.

Anil P.Antony Administrator, SEIAA For Member Secretary, SEIAA

To,

Sri. M.Nagaraj Director M/s Divon Rock Products Pvt. Ltd Radha Nivas Alamipalli Kanhangad, Hosdurg Kasargod 671315



Copy to,

- MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore-560034.(through e-mail: rosz.bng-mefcc@gov.in)
- The Principal Secretary to Government, Environment Department, Government of Kerala
- 3. The Director, Directorate of Environment & Climate Change, 4th Floor KSRTC Bus Terminal, Thampanoor, Thiruvananthapuram, Kerala 695001.
- 4. The District Collector, Kasargod
- 5. The Director, Mining & Geology, Thiruvananthapuram -4.
- 6. The Member Secretary, Kerala State Pollution Control Board
- 7. The District Geologist, Kasargod
- 8. The Tahsildhar, Vellarikund Taluk, Kasargod District
- 9. The Secretary, Balal Grama Panchayat, Kasargod 680 581
- 10. The Chairman, SEIAA.
- 11. Website.
- 12.S/f
- 13.O/c

Page 2 of 2



Annexure No.11



ബളാൽ ഗ്രാമ പഞ്ചായത്ത് കാര്വാലയം

പി.ഒ. ബളാൽ, പരപ്പ വഴി, കാസർഗോഡ് ജില്ല - 671 533

സന്ധ്യ ശിവൻ

4-ാം വാർഡ് (മരുതുംകുളം) ഗ്രാമപഞ്ചായത്തംഗം

താമരത്തിങ്കൽ ഹൗസ്, മരുതുംകുളം, ബളാൽ പി.ഒ., കാസർഗോഡ് - 671534

Ph (O): 0467 2242 235

Mob: 9605 588 938

സൂചന.

തിയ്യതി . 25/1/223

angid ong zamid mo pago 620 4-20 mingid angid ong samid mo pago o samid samo o samo o

> സന്ധ്യ ശിവൻ മെമ്പർ, വാർഡ് 4 മദുതുംകുളം ബാൽ ഗ്രാമപഞ്ചായത്ത്

GOVT. HIGHER SECONDARY SCHOOL BALAL BALAL PO, KASARAGOD (DIST), PIN -671533 PH. NO. - 046722242683

email - 12052balal@gmail.com

Received aggregates for an ansound of RS 1,00,000 + (One Lakh ody) from
Divon Rock Products PV. Ltd for School
Purpose

BALAL 02.03.2023



BINDHU JOSE PEN - 306221 HEADMISTRESS G.H.S.S. BALAI.



	<u> </u>	७ <u>२</u>८इस्) (चिर्क्सची) २०१४
ADDRESS OF THE PARTY OF THE PAR	2022 നവംബ	o 22,23,24,25
THE RESERVE	ഗവ: ഹയർസെക്കാ	
നമ്പർ. 76 ശ്രീ/ശ്രീമതി	alless and Che	の10gm 22/11/2022 よ のユヤン会計
- GP 10	ളെ വഴ വല അവർ	കളിൽ നിന്നും സംഭാവനയായി
രൂപ നന്ദിപു	ත්හුං കിട്ടിബോധിച്ചു. ුුුුුුටු	கൺവീതർ/ ട്രഷoർ.



CSR Details