

PANACHAYIL INDUSTRIES West Othera P O, Tiruvalla, Kerala, India - 689 551 Ph:+91 - 469 2743300, Fax:+91 - 469 2743330 Email: mail@poabs.com, www.msand.in

18.10.2013

The Director, DoECC & Secretary SEAC Kerala 'Devi Kripa' Fallimukku, Pettah P.O., Thiruvananthapuram Kerala - 695 024

Sub : Ervironmental Clearance – Proposed quarry project Sy. Nos. 21/6, 21/4, 10/2, 9/1-2, 9/1-3, 20/3, 23/7, 28/10-1, 22/5, Thottapuzhassery Panchayath, Thiruvalla Taluk, Pathanamthitta District, Kerala - Compliance report – Reg.

Ref : File No. 34/SEIAA/KL/6089/2012 dt. 14-11-2012

Respected S r,

Our quarry project was accorded with Environmental Clearance vide Order No. 34/SEIAA/KL/6089/2012 dt. 14-11-2012. The compliance report to the specific and general conditions of the Environmental Clearance is enclosed.

Thanking you

Yours respec-fully, For Panachayil Industries

Aby Mathew Managing P⊒rtner)

Copy to: The Re

The Regional Director, MoEF Regional Office, Southern Zone, Kendriya Sadan, 4th Floor, E&F Wing, II Block, Koramangala, Bangalore – 560034.

Lactory Cheralkunnu, Kolabhagom F-O, Thadiyoor Via, Pathanamthitta District, Kerala - 689 545, Ph: +91 - 469 2672240, Fax:+91 - 469 2672210, Email: Marinnahe in

COMPLIANCE REPORT TO

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER NO: 34/SEIAA/KL/6089/2012 DT. 14-11-2012

BY

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

FOR

PROPOSED QUARRY PROJECT AT SY. NOS. 21/6, 21/4, 10/2, 9/1-2, 9/1-3, 20/3, 23/7, 28/10-1, 23/5, THOTTAPUZHASSERY PANCHAYATH, THIRUVALLA TALUK, PATHANAMTHITTA DISTRICT, KERALA

BY

M/S PANACHAYIL INDUSTRIES WEST OTHERA P.O., THIRUVALLA PATHANAMTHITTA, KERALA – 689 551

(JANUARY – JUNE, 2013)

INTRODUCTION

M/s Panachayil Industries is a stone quarry situated at Sy. No. 21/6, 21/4, 10/2, 9/1-2, 9/1-3, 20/3, 23/7, 28/10-1, 23/5 Thottapuzhassery Panchayat, Thiruvalla Taluk, Pathanamthitta District, Kerala. The quarry project was accorded with environmental clearance by State Environment Impact Assessment Authority on 14 - 11 - 2012. Six monthly compliance reports to the conditions of environmental clearance is to be submitted as part of compliance. The compliance report to the specific conditions and general conditions of the environmental clearance for the period of January – June, 2013 is being submitted.

PART – A – SPECIFIC CONDITIONS

CONDITION 1)

Assurance in the form of affidavit should be given to SEIAA Kerala that eco- restoration including the mine closure plan shall be done at the expenses of the project proponent on completion of mining.

COMPLIANCE:

Assurance in the form of affidavit was submitted to SEIAA Kerala on 17-10-2013 stating that eco-restoration including the mine closure plan will be done at our expenses. The copy of the same is attached at Annexure No.1.

CONDITION 2)

Quantity of overburden and their storage shall be provided to SEIAA Kerala before initiating activities.

COMPLIANCE:

The quantity of overburden including topsoil is estimated to be 3500 cu.m. The overburden is stored at the west side in the project area. The photographs of the overburden storage area are provided at Annexure No.2.

CONDITION 3)

Plan clearly showing the internal roads within the project site to be submitted to SEIAA Kerala before initiating activities.

COMPLIANCE:

The map showing the internal roads within the project site is attached at Annexure No. 3.

CONDITION 4)

Specific methodology adopted for drilling and blasting and also the geometry of drill holes to be given to SEIAA Kerala before initiating activities.

COMPLIANCE:

Specific methodology adopted for drilling and blasting and also the geometry of drill holes is attached at Annexure No.4.

CONDITION 5)

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

COMPLIANCE:

Garland drains are provided in the lower slopes which are located in west side of the quarry area to channelize the storm water and the photographs of the same is provided at

Annexure No. 5.

CONDITION 6)

Debris / slit traps to be provided to prevent entry of dust and quarry wastes entering the main streams.

COMPLIANCE:

De-siltation traps are provided in the storm water channels will arrest the debris and slit from entering the water channels .The photographs of the same is provided at Annexure No. 6.

CONDITION 7)

Dust and sound level should be as per the prescribed standards applicable to the area.

COMPLIANCE:

The dust and sound levels were monitored through an NABL accredited laboratory during the quarry in operation and the monitored results are well within the standards applicable. The copy of the ambient air quality monitoring report, ambient noise monitoring report along with the comparative chart is provided at Annexure No. 7, 8, & 9 respectively.

CONDITION 8)

The conditions of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters.

COMPLIANCE:

The specific conditions of the environmental clearance are prominently displayed in a metallic board of 3 ft x 3 ft as per the specifications instructed by SEIAA Kerala. The photographs of the display board are provided at Annexure No. 10.

PART – B – GENERAL CONDITIONS

CONDITION I)

Rain water harvesting to collect and utilize the entire water falling in the land area should be provided.

COMPLIANCE:

The details of rain water harvesting structures provided within the site to capture the rain water falling in the project area is provided at Annexure No. A.

CONDITION II)

Environment monitoring cell should be formed and made functional.

COMPLIANCE:

An environmental monitoring cell is formed and made functional.

The details are provided below;

a	Head of the monitoring cell, Managing partner of the company	Aby Mathew
b	Name of the Environmental officer in charge	K.P. Roy
с	Name of the officer Environment, Health &Safety	Manoj C.G
d	Name of the Asst. Officer of Environment,Health and Safety	Ashok Kumar
e	Name of Environment Consultant	M/s Enkay Enviro Services Pvt. Ltd. & M/s Environmental Engineers &

I			Consultants Pvt.Ltd.
	f	Address of Environmental laboratory	M/s Poluchem Laboratory Pvt.Ltd.

CONDITION III)

Suitable avenue trees should be planted along either side of the tarred road and parking areas, if any

COMPLIANCE:

The details regarding the tree, shrub and herb plantations carried out along the road and other areas are provided at Annexure No .B.

CONDITION IV)

The project may incorporate devices for solar energy generation and utilization wherever possible.

COMPLIANCE:

Solar energy devices would be installed shortly.

CONDITION V)

In case of any change in the scope of the project, the project would require a fresh appraisal by this authority.

COMPLIANCE:

Would be complied

CONDITION VI)

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 safe guard measures in a time bound and satisfactory manner.

COMPLIANCE:

Would be complied

CONDITION VII)

All other statutory clearance shall be obtained, as applicable, by project proponents from the respective competent authorities.

COMPLIANCE:

All other statutory approvals required for the quarrying activity is obtained for the project. The details regarding the same along with the copy of the statutory approvals is provided at Annexure No. C1, C2, C3, C4.

CONDITION VIII)

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, 1986, the Public Liability (insurance) Act, 1991 and EIA Notification, 2006.

Would be complied

CONDITION IX)

The project proponent should advertise in at least two local newspapers widely circulated in the region. One of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters area available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the authority at <u>www.seiaakerala.org</u>. The advertisement should be made within 10 days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the office of this Authority as confirmation.

COMPLIANCE:

An advertisement in two local newspapers regarding the according of environmental clearance to the quarrying activity was carried out and the copy of the same was submitted at SEIAA Kerala. The copy of the advertisement is provided at Annexure No. D1 & D2. CONDITION X)

A copy of the clearance letter shall be send by the proponent to concerned Grama Panchayat / District Panchayat / Municipality / Corporation / Urban Local Body and also to the local NGO, if any, from whom suggestions / Representations, if any received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

COMPLIANCE:

A copy of the environmental clearance was submitted to Thottapuzhassery panchayat office on 10.10.2013. The acknowledgement received is provided at Annexure No. E. There

is no suggestions / Representation received so far from anybody.The environmental clearance is uploaded in the website <u>www.msand.in</u>

CONDITION XI)

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 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 send to respective Regional Office of MoEF, Govt. of India and also the Directorate of Environment and climate change, Govt. of Kerala.

COMPLIANCE:

The first compliance report is being submitted to Department of Environment and Climate Change, Govt. of Kerala and to the regional office of Ministry of Environment and Forests, Govt. of India both in hard copy and by mail and also by the CD soft copy

CONDITION XII)

The proponent should provide affidavit that all the conditions stipulated in the EC shall be scrupulously followed.

COMPLIANCE:

An affidavit stating that all the conditions stipulated in the Environmental Clearance will be scrupulously followed was submitted at Department of Environment and Climate Change on 23-12-2012 and the copy of the same attached at Annexure no. F.

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PANACHAYIL INDUSTRIES West Othera P C, Tiruvalla, Kerala, India - 689 551 Ph:+91 - 469 2743300, Fax:+91 - 469 274330 Email: mail@poabs.com, www.msand.in

17.10.2013

The Directo , DoECC & Secretary SEAC Kerala Devi Kripa` Pallimukku, Pettah P.O , Thiruvananthapuram Kerala = 695 024

Sub

: Egvironmental Clearance – Proposed quarry project Sy. Nos. 21/6, 21/4, 10/2, 9/1-2, 9/1-3, 20/3, 23/7, 28/10-1, 23/5, Thottapuzhassery Panchayath, Thiruvalla Taluk, Pathanamthitta District, Kerala - Submission – Reg.

Ref : #ile No. 34/SEIAA/KL/6089/2012 dt. 14-11-2012

Respected Jir,

Our quarry project was accorded with Environmental Clearance vide Order No. 54/SEIAA/KL/6089/2012 dt. 14-11-2012. The assurance in the form of effidavit that eco-restoration including the mine closure plan will be done at our expenses is enclosed.

Thanking yos,

Yours respectfully,

For Panach will Industries

lathew aging Partner)

Encl: As above

Factory: Charalkunnu, Kolabinagom 10, Thadiyoor Via, Pathemanthilta District, Kerala - 689 545, Ph: +91 - 469 2672240, Fac:+91 - 469 2672210, Email: Ma@poabs.in

830 45.100ONE C 1.00 HUNDRED'RUPEES C HIZEINDIA INDIA NON JUDICIAL Cab (060 केरल FERALA Y 906885 AFFIDAVIT I, Aby Mathew, Managing Partner & Authorized Signatory of M/s Panachavil Industries having its correspondence office at West Othera PO, Thiruvall J. Kerala - 689551, do hereby affirm and confirm as follows: That, N-/s Panachayil Industries propose to develop a Quarry project at Survey No. 21/6, 21/4, 10/2, 9/1-2, 9/1-3, 20/3, 23/7, 28/10-1, 23/5, Thottapuzhassery Village, Thottapuzhassery Panchayat, Thiruvalla Taluk, Pathanamthitta District, Kerala. 2. That, the eco-restoration including the mine closure plan will be done at our expenses. DEPONENT Verification: Verified that ny above statements are true to the best of my knowledge and belief and nothing material has been concealed therein Place : Tiruval a Solenthly affirmed and signed EPONENT Date : 17.10.2013 before me by the deponent who is personally known to me in my effice at Theravally on this the 1715 un viar tabao 13 F. Cokula Cheodree, B.A.L QCALL & NOMPT Tiruvella. in Manying Photon 5. Panachanii Industries over when Po NAS 710 12



PANACHAYIL INDUSTRIES



ANNEXURE NO. 2

1. DRILLING

Annexure No. 4

The excavation of mineral is proposed by excavators. The mineral is fractured and easily exploitable by rock breakers and excavators. The hard strata are proposed to excavate after drilling and blasting. The cross-sectional view of drilling operations is shown below:-



1.1. Salient features of drilling/ blasting

- About 3.) to 50 holes per blast of 32 mm diameter and to a depth of 2 to 2.5m will be adopted
- > It is estimated about 2 to 3 T production per hole.
- > Number of blasts per day depends upon the workable area and production to be achieved.
- > The spacing of 1.0 to 1.5m between the holes will be adopted.
- About 2=0gm per hole of explosive will be used. However, 10 kg/ blast will be adopted at any poirt of time.
- Millisecond electric blasting will be adopted to limit the PPV and noise levels within the stipulated standards.

2. BLASTING

The controlled blasting is proposed by adopting all the safety measures as per "MMR 1961" anc with the permission of DGMS.

In this area for fragmentation of granite the blasting will be conducted. Multiple blast holes of 1.0 to 1.5 m depth will be drilled with the help of 32 mm drill rod, Jack Hammer and Air Compressor of 100 cfm capacity.

It i∈ estimated about 250 g of explosives per hole is required. About 30 – 50 holes per blast are-proposed. Therefore, the requirement of explosives will be about 10 kg/ blast.

2.1. Blasing Safeguard

- > Blasting in the open cast pit will be done only during day time at designated hours.
- > Only competent blasters will be appointed to handle explosives.
- > Exclosives will be stored in approved and licensed magazine as per Explosive Act/ Rules.
- Exposives will be brought from magazine to blasting site in licensed Explosive Van under the care of blaster.
- > Sufficient warning signals will be given before blasting the holes.
- Guards will be posted on all roads and paths at least 250 m distance to stop entrance to the dan yer zone during blasting hour.
- > Cortrolled blasting will be practiced to control vibrations and flying fragments.
- > Optimum charge will be used, while blasting near office complex/ infrastructure site.
- Maxmum charge per delay will always be less than 10kg to limit the PPV levels within the DGMS standards of 15 mm/sec.

2.2. Types of Explosive Used

Only-class 2 and class 6 explosive is proposed for use as given below:-

Boos-er (20%)	Slurry explosive
Explosive	Ammonium Nitrate Fuel oil (ANFO).
(Colu nn charge) (80%)	The ANFO mixture can be readily produced at a site by mixing ammonium nitrate (94.5 %) with diesel oil (5.5.%).
Initiater	Electric detonators

2. 3. Storace of Explosive

Considering low consumption, a 550 kg portable magazine is proposed for storing the explcsive. The magazines are located within the complex and within the owners property (adja :ent mine area).



ANNEXURE NO. 5





ANNEXURE NO. 6

	VED BY KERALA STAT	E POLLUTION CONTROL BOAR
a - an agusta saga an		
	TEST REPOR	r ·
Client Name & Address	Certificate No:	the spin of the second se
,	Date of issue:	2675/07/2013
M/s. Panac-ayil Industries	Date of monitoring	28/07/2013 23/07/2013
Thottapuzhisser	A with of instituting	M/s Panachayil Industries.
Chiruvalla		21/4.10/2.9/1-2.9/1-
Kerala		3.20/3.23/7.28/10-
	Monitoring Location	1.23/5. Thottapuzhassery
	-	Village, Thottapuzhassery
1		Panchayath, Thiruvalla
		Taluk.Pathanamthitta District Kerala
	Sample Description	Ambient Sound Level (Leg)
		Transfelic soldid Level (Leg)
Monitoriag Location	Time	Results
	07.00 Hrs	43.8 dB (A)
	08.00 Hrs	44.9 dB (A)
	09.00 Hrs	47.8 dB (A)
	10.00 Hrs	46.7 dB (A)
	11.00 Hrs	48.9 dB (A)
· •	12.00 Hrs	48.6 dB (A)
	13.00 Hrs 14.00 Hrs	49.1 dB (A)
	15.00 Hrs	48.4 dB (A)
	16.00 Hrs	49.7 dB (A)
	17.00 Hrs	49.2 dB (A) 48.5 dB (A)
Location -1	18.00 Hrs	46.7 dB (A)
	19.00 Hrs	45.8 dB (A)
	20.00 Hrs	45.6 dB (A)
	21.00 Hrs	44.7 dB (A)
	22.00 Hrs	43.5 dB (A)
	23.00 Hrs	38.9 dB (A)
	e 00.00 Hrs	37.3 dB (A)
	01.00 Hrs 02.00 Hrs	37.6 dB (A)
	03.00 Hrs	38.2dB (A)
	04.00 Hrs	38.6 dB (A)
	05.00 Hrs	38.8 dB (A)
	06.00 Hrs	39.4 dB (A) 40.6 dB (A)
Leq(Day time)	and a start by	40.0 dB (A)
1.eq(Night time)	La Press	37.87 dB (A)
	6 15	For Poluchem Laboratories (P) Ltd.
	(alitien (3)	P
	Rail Date	Authorited Silvestory

ANALTRAL, CHEMICAL & ENVIRONMENTAL LABORATORY PAIL TH UNDING, M. KALMMASSEPT PO TENNER AND 153 104

NABLACCREDITED PHONE #421 3261124 25114-11 1 mail processory or 21. / GRADE LABORATOTY/PPROVED BY KERALA STATE POLLUTION (- T. SOL BUAR, AND ACCREDITED BY SAFE

	Sample code given by client	Nil G/G/13/2013	
	Sample description	Ambient air - Location 1	
Thiruvalla Kerala	Monitoring Location	M/s. Panachayil Industries. 21/4.10:2.9/1-2.9/1-3.20/3.23/7.28-10 1.23/5.Thottapuzhassery Village.Thottapuzhassery Panchayath,Thiruvalla Taluk.Pathanamthitta District ,Kerali	
ThottapuzEassary	Date of analysis	24/07/2013	
M/s. Panachay-1 Industries	Date of sample received	24/07/2013	
	Date of monitoring	23/07/2013	
	Date of issue:	28/07:3013	
Lient Nanee & Address	Certificate No:	13/07/2013	

TEST REPORT

PARAMETERS	TEST METHOD	RESULTS	LIMITS	
T is the blatter (PM-)	15 5182 Part 4 1999	51.6 µg/M ³	100 µg/M3	
	CPCB	26.5 µg/M ³	60 µg/M ³	
where a prover when the second	1 S 5182 Part 2 2001	2.3 µg/M ³	80 µg/M ¹	
Low many and		1.1 µg/M ³	80 µg/M ³	
	PARAMETERS Farticulate Matter (PM10) Farticulate Matter (PM25) Sulptur dioxide Mitrogen dioxide	Farticulate Matter (PM10) I S 5182 Part 4 1999 Farticulate Matter (PM25) CPCB Sulptur dioxide I S 5182 Part 2 2001	PARAMETERS Full methods Farticulate Matter (PM ₁₀) 1 S 5182 Part 4 1999 51.6 μg/M ³ Farticulate Matter (PM _{2 S}) CPCB 26.5 μg/M ³ Sulptur dioxide 1 S 5182 Part 2 2001 2.3 μg/M ³	

For and on behalf of POLUCHEM LABORATORIES (P) LTD. The results are related only to the sample collected for analysis. his certificate shall not be reproduced except in full and without the written permission with authorized signatory A STANGER AUTHORIZE LOR'S

Analysis of Amaient air, Stack emission, Noise, Light, Water, Waste water / Effluent, Soil Tea Spices. Ol . Fe tilisers. Basic Chemicals etc; Pesticide Residue, Heavy Metals, Microbiology

ANNEXURE NO. 9

	P#RAMETERS	VALUE FROM SITE	STANDARD LIMITS AS PER ENVIRONMENT(PROTECTION RULES, 1986			
1	Partic∎late Matter PM₂₅	26.5 ug/M ³	60 ug/M ³			
2	Partic⊔ate Matter PM₁₀	51.6 ug/M ³	100 ug/M ³			
3	Sulphu dioxide SO₂	2.3 ug/M ³	80 ug/M ³			
4	Nitroge ı dioxide NO _x	1.1 ug/M ³	80 ug/M ³			

Annexue No. 10





ANNEXURE NO. B





	in the second
10mma C2-515 2012	CERTON CONTRACT CONSTITUTION
1994 ലെ കേരളാ പഞ്ചായത്ത് രാ പ്രകാരവും അതേ -	ൻ ആക്ട് (1994 ലെ 13)232, 233, 234, 254 എന്നി വകുപ്പുകൾ തുടർന്നുള്ള ചട്ടങ്ങളും അനുസരിപ്പു കൊടുത്ത
	ലൈസൻസ്
ലൈസർസൂടമസ്ഥരെൻറ പേരും മേൽവിലാട്ടുറനും	8000 gbat - Lod 8 omd - 200 2 bat - 200 20 00 00 00 0.9.0.0.0.0
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ഒകട്ടിടത്തിമയ്റ നമ്പരും വാർഡു നമ്പരും	II / 170(04) Dad as II
ലൈസൻസിൻെ കാലാവധി	2) Mob - E0-16 of blac - +0-10
ലൈസൽസ് ഹിൽ	119700 mina una 007911
ณ์ขว ด้สังกัง	273/191.00.19 - 2 - 20120 / 007211 - 2 20/10/2020 - 2012 - 2012 - 2 28973/2020 01.19.19.2020 - 2 29/2120
The state of the s	tonuccease account
man the state	A. with water the second a farmer

ഒറെസരിസൂമേസ്ക്രി കണ്ട പറയാണ വൃവസ്ഗകൾ അനുദ്ധരിക്കേണ്ടതാകുന്നു.

പങ്കുറയര 5 ഡർ ആക്ടും അതേ വുടർസുള്ള ചട്ടങ്ങളും താറുസരിച്ചു പ്രവർത്തിരക്കണ്ടതാകുണു.

- ് തൊഴിൽ സ്ക്രേവും പരിദ്ധരങ്ങളും വെടിപ്പാരും വൃത്തിയാവും സാംക്രമികരോഗാണുക്കൾ ഉണ്ടാകാരങ്ങവിധത്തിലും പൊതുജ«താപത്രവരാകാത്ത ദിധത്തിലും വൃദപാരത്തിനു വച്ചിട്ടുളള ക്ഷേണപദാമതനങ്ങൾ ഈപ്പ. അണുക്കൾ പൊടി മും ബായവയുടെ ശലും ഉണ്ടാകാത്ത വിധത്തിലും സൂക്ഷിക്കേണ്ടതാണ്.
- ു. ബാളിൽ പ്നമവും അതിലുള്ള സാധനസാദഗ്രീകളും പങ്ങായത്തധികാരികൾക്കോ/രസക്രട്ടറി അധികാരപ്പെടുത്തുന്ന മറ്റ് ഉദ്യോഗന് ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസൻസുടമസ്ഥൻ വേണ്ട സൗകര്യം നൽകോരപ്പെടുത്തുന്നമറ്റ് ആവശ്യപ്പെട്ടാൽ ഈ ലൈസൻസ് കാണിക്കേണ്ടതുമാകുന്നു.
- പഞ്ചായത്തിൽ നിന്നും അനുവാദം സിദ്ധിപ്പശേഷമല്പാതെ തൊഴിൽ സ്ഥരം മാറ്റാവുന്നതല്പാഞ്ഞതും തൊഴിൽ നിർത്തുന്ന പക്ഷം വിവരം മൂൽകൂട്ടി പഞ്ചായത്തിൽ അറിയിക്കേണ്ടതുറേകുന്നു.
- എതൊരു പവർത്തി ദിവസത്തിനെറയും ഒടുവിൽ സ്ഥലം വൃത്തിയാക്കേണ്ടതാണ്.
- േ ആ സ്ഥ്ര ജ്ഞിൻെറയോ. പുരയിടത്തിന്റെയോ, എതെജില്ലൂം ഭാഗത്ത് വിഴൂകയോ തിക്ഷേപിക്കപ്പെടുകയോ ചെയ്യുത ക്ല്യൂപ്പള്ങ്ങാ, മൃഗങ്ങളുടെ തുണ്ടുകളോ മറ്റ് പരാർത്ഥമോ ശേഖരിച്ച് സെക്രട്ടറിക്ക് തുപ്തികരമായ രീതിയിൽ നിക്കം ഹെയ്യിക്കേണതാണ്.
- 7. ഒറിങ്സ്ൻന്റുകാരൻ എതൊരു കെട്ടിടത്തിരെൻറയും ചുര്യൂക്റ്റുടെ അകവശത്തിരെൻറ എതൊരു ഭാഗവും മേൾപറഞ്ഞ പുരയിടക്കിങ്ങള്ളം തറയും തടപ്പാതയും അവിടെ തെറിച്ചുവിഴാനിടയുള്ള എങ്ങങ്ങിലും ദ്രാവകമോ, മാലിത്യമോ ചറ്റ്റൂപ്പെടാ, അസഹ്യമോ, ഉപ്പദേവകശമായ എതെങ്കിലും പ്രദേശനമോ അവിടെ ലയിക്കുന്നത് തടയത്തക്കവിശം എപ്പോഴും നന്നായും കേരുപാട് തിര്ത്തും വയപിക്കേണ്ടതാണ്.
- േ ചൈസർസുകാരൽ ഇതിപ്പങ്ങു പുരയിടത്തിന്റെ, അതോടു ചേർന്നോ ഉള്ള ഏതൊരു ഓറുപാലും, അഴുക്കുങ്ങം കളയുന്നത്നുള്ള ഉപ്കരണന്റെ എരുത്തം നന്നായും കേടുപാടുണിത്തും നയ്പിക്കേണ്ടതാണ്.
- 9. ,ംളത്തെട്ടാില്യം തരത്തിലുള്ള യാക്ക് റോഗമോ ,കുങ്കാ മേദമായും (വണമോ ഉള്ള യാതൊരാളും കച്ചവടം നഴത്തുന്നതിന് ഉപയോഗ്ക്കുന്ന യാതൊരു പരിസരത്തും പ്രവദ്ത്തിക്കുന്നാൾ പാടില്പാണയാകുന്നു.
- 10. എത് സ്ഥലങ്ങളിന്റെ കാര്യങ്ങിൽ ലൈസർസ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണത്തേക്കവിധ ത്തിലുള്ള ഒരു ഭാഗത്ത് ലൈസർസുകാരൻ തൻെ പോരും ഇലൈസൻസിന്റെ നമ്പരും ഉദ്ദേശവും കാണിക്കുന്ന ചെ പ്രതിയുള്ള കെ സച്ചിരിക്കോൺതാണ്.
- 11. അതിത്തം ആപരിക്കുന്ന കടകളുടെ തെലസർസ് മറ്റുചെയ്യുന്നതാണ്.

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12. മുകളിൽ കാണിപ്പിൽക്കുന്ന വ്യവസ്ഥകളിൽ എതെങ്കിലും ഭംഘിക്കുന്ന പക്ഷം ഈ മൈസൻസ് ററ്റ് ചെയ്യുന്നതാണ്.



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¥. ຸຼະຫວກ ແທນນານແໜ້ນ ci (va mus C2-182-13 1994 ലെ മേരളാ പലലായത്ത് രാജ് ആക്ട് (1994 ലെ 13)232, 233, 234, 254 എണി വകുറ്റുകൾ പ്രക്ഷാവും അതേ തുടർന്നുള്ള പട്ടങ്ങളും അനുസരിച്ചു കൊടുത്ത ലൈസൻസ് 20 com alan よるよ po Beter col 5 ബെലസൽസുടമസ്ഥരെർറ Caso 2 51000 P.0 പെന്നും ഭേഷ്ടവിലാസവും 2 616065 2 pB 10 124 Hp allon an a la ma എന്താവശൃത്തിന് ലൈസർസ് 100000 729/84 അവുവധിച്ചു എന്ന് 62Hpxd. Nos. Survey Munber കെട്ടിഞ്ഞിന്റെ നമ്പരും Be ofortom trupets 0 അത്സൻസിൻെ കാലാ വധി \$ 01107 4.31 2017 2013 (de) del 2000/-012 ഹൈസ กระเทบเทริกษ์ กระเทบ 6 (23) of recent of clage 0 rita ad dirto 70 BZ 21(9)00 22 0 ഞ്ഞായത്ത് 2d 10000 Thotteppuzhessery Greg സെക്രട്ടറി (anjakoo) GRET RY . MATTAPPUZHASSERY GRAMA PARCHAYAD 0 1 1000 P K Maramon

മൈസ്റ്റിട്ടോസ്റ്റൻ തുരെ പടക്ട്രം വ്യവന്ധ കർ അനുസരിക്കേണ്ടാവകുന്നു

- ന്നാം എ.രാജ് ആപ്പെട്ടും അതേ തുടർന്നുള്ള എട്ടുള്ളം നാനുസപ്പെട്ടു. പ്രസ്തരിക്കേജ്ഞാകുന്നു.
- െടാടിൽ സ്ഥലവും പരിസരങ്ങളും സെടിപ്പാനും വൃത്തിനായും സരംപ്രതികരോഗാണുക്കൾ ഉണ്ടാകാത്തികത്തിനും പൊരുജനോപ്യവേജകാരത വിധത്തിലും വ്യാപാരത്തിനു വച്ചിട്ടുള്ള ഭക്ഷനപദാണോഗ്രെ ഇനപ്പം അണുക്കൾ. പൊടുജനോപ്യവേജകാരത വിധത്തിലും വ്യാപാരത്തിനും സ്വാതിക്കേണ്ടനാണ്.
- മൊഴിൽ സ്ഥലവും നടനിലുള്ള സാധനസാദഗ്രികളും പഞ്ചാവത്തധികാരികൾക്കോ/സെക്രേട്ടറി അധികാരപ്പെടുത്തുന്നമറ്റ് മദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസർസുടന്സോൻ വേണ്ട സൗകര്യം നൽകേണതും അവർ ഉദ്യോഗസ്ഥർക്കോ പരിശോധിക്കുന്നതിന് ലൈസർസുടന്സോൻ വേണ്ട സൗകര്യം നൽകേണതും അവർ 3 ആവശ്യപ്പെട്ട്രാൽ ഈ മൈസർസ് കാണിക്കേണ്ടതുമാകുന്നു.
- പഞ്ചായത്തിൽ നീന്ന**ു അനുവാദം സീഡിച്ചശേഷമല്ലാതെ ജൊഴിൽ സ്**ഥര്ദ്ദം മാറ്റാവുന്നത്തല്ലാന്തതും തൊഴിൽ നീർത്തുന്ന പക്ഷം വിവരം മൂർിപ്പെട്ടി പഞ്ഞായത്തിൽ അറിയിക്കേണ്ടതുമാകുന്നു.
- ഷ്ട്രമൊരു പ്രവർത്തിലിവസത്തിരർറയും ഒടുവിൽ സ്ഥ്രദം വൃത്തിയാക്കേണ്ടതാണ്. 5.
- 6.
- ആ സ്ഥലത്തിമെജ്യോ പുരയിട്ടങ്ങിന്റെയോ, ഏതെങ്കിലും ഭാഗത്ത് വീഴുകയോ നിദേഷപിക്കപ്പെടുകയോ ചെയ്യുന്ന കപ്പിക്കുടെ, ഭൃഗങ്ങളുടെ തുണ്ടുകളോ മറ്റ് പദാര്ങ്കാരോ ശേഖമിച്ച് സെക്രട്ടറിക്ക് തൃപ്തികരൊയ നിനിയിൽ നിക്കം ചെയ്യിക്കേണ്ട്ടുമാണ്.
- ലൈസർസുകാരൻ എതൊരു കെട്ടിടത്തിന്റെയും ചുരരൂകളുടെ അകവശത്തിന്റെ എതൊരു ഭാഗവും ലേത്പറഞ്ഞ പുരയിടത്തിലുള്ള തറയും നടപ്പാഞയും അവിടെ നെറിച്ചുവിഴാനിടയുള്ള എതെങ്കിലും ദ്രാവകരോ, മാലിനുമോ ചപ്പുപവരോ, അനുഹൃമോ, ഉപഭ്രവകരമായ എന്തൊലും പദാർത്ഥമോ അവിടെ ലയിക്കുന്നത് നടയത്തക്കവിധം എപ്പോഴും നസ്തയും കേടുപാട് തീർത്തും വയ്പിക്കേണ്ടതാണ്. 7.
- മൈസർസുകാരൻ മേൻപറഞ്ഞ പുരുയിടത്തിങ്ങേ, അതോടു ചേർന്തോ ഉള്ള ഏതൊരു ഓവുചാലും, അഴുക്കുടെം കളയുണങ്ങിനുള്ള ഭൂപകരണവും എപ്പോഴും നമ്പായും കേടുപാടുതിർത്തും വൽപിക്കേണ്ടതാണ്. 8.
- പ്പുമെങ്കിലും തരങ്കിലുള്ള തിക്ക് രോഗങ്ങ കൃഷ്ഠ രോഗമോ വ്രണമോ ഉള്ള യാമതാരാളും കച്ചവടം നടത്തുന്നതിന് ഉപയോഗിക്കുന്ന ലോതൊരു പരിസരങ്ങും പ്രവർത്തിക്കുവാൾ പാരില്ലാത്തതാകുന്നു.
- എത് സ്ഥലത്തിരേറ കാര്യത്തിൽ ലൈസന്സ് നൽകിയിരിക്കുന്നുവോ ആ സ്ഥലത്ത് എല്ലാവരും കാണങ്ങക്കവിധ ത്തിലുള്ള ഒരു മോടാത്ത് ലൈസർസുകാരൾ തരൾറ പേരും, ലൈസൻസിൻെറ നമ്പരും ഉദ്ദേശവും കാണിക്കുന്ന ഒരു അത്തെളപ്പുള്ള വച്ചിനിക്കേണ്ടതാണ്.
- അയിഞ്ഞം ആപരിച്ചുന്ന കടകളുടെ ലൈസർസ് റണ്ണപെയ്യുന്നതാണ്. TL.
- പ്പുള്ള മാസ്പില്ലായിന്നു. നിന്നുത്തെന്നു അത്മില്പം അത്വന്തും പടന്നും പടന്നെ ഇം മൈസ്റ്റ് വ് ചെയ്യുന്നുണ്. പ്രള്ള മാസിപ്പില്ക്കുന്ന നിന്നുത്തെന്നും എട്ടോം പാ നോസം എം പോസ്റ്റെ മിഎന്നോണ്.
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PANACHAYIL INDUSTRIES

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C C I II I NO. - PCB HO/PTA/ICO/399/2012

ANNEXURE C2



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO OPERATE

ISSUED UNDER

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

8 The Environment (Protection) Act, 1986

TO

Consent No. PCB/HO/PTA/ICE/02/2012 SHRL ABY MATHEW PALLIAMBIL HOUSE WEST OTHERA P. O. THIRUVALLA - 689551 (For Panachayil Industries, Kolabhagom P.O., Thadlyoor, Pathanamthitta) Date of Issue: 15.10.2012 Valid upto: 30.06.2015

Copy to:

- The Chief Environmental Engineer, Regional Office, Thiruvananthapuram
 The Environmental Engineer, District Office, Pathanamthitta.
 The Secretary, Thottappuzhassery Grama Panchayat.

- 4. Stock File

2. GENERAL CONDITIONS

- 2.1 This consent is renewed subject to the power of the Board to review and make variation in or revoke the conditions as the Board deems fit as per the relevant Acts / Rules
- 2.2 This consent, unless withdrawn earlier and subject to condition no. 2.1, shall be valid upto 30.06.2015. For renewal of the integrated consent, application in the prescribed form shall be submitted to the Board in the third month before expiry of the consent.
- 2.3. The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution.

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- 3.1. There shall not be any discharge of trade effluent from the unit.
- 3.2. Water meter shall be installed to measure consumption of water.
- 3.3. Sewage e-fluent shall be treated in septic tanks and treated effluent shall be dispensed through soak pits with concreted bottom, honeycomb wall and 60 cm thick 2 mm sand envelope -round that.
- 3.4. Arrangements for rainwater harvesting and for utilisation of harvested rain water shall be maintaine-1.

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- 4.1 The DG s its shall be acoustically protected. The minimum height of chimneys for venting emission∈ from DG sets shall be 0.2 vKVA m, where KVA is the capacity of DG set. If more than one ⊐G set is placed in a single cabin, total capacity of DG sets in the location shall be considered for finding out the minimum required height of chimney.
- 4.2 In order to prevent and control air pollution the following control measures shall be in position while operating the crusher industry.
 - a_ Crushers, classifiers, screens and other noise and / or dust producing units housed in buildings with solid wall (not hollow bricks) of minimum 23 cm thickness shall be maintained.
 - b. Dust suppression system with water sprays and sprinklers provided should be operated satisfactorily.
 - Dust extraction and collection system provided at crushers, transfer points, screens etc shall be operated.
 - d_ Water storage facility of at least 2 days capacity provided shall be maintained.
 - e Facility provided for regular cleaning and wetting of ground shall be maintained.
 - f. Suitable species of trees and curtain plants of suitable species shall be maintained and improved with planting trees to develop a green belt within and along the boundary of the premises.
 - g The raw materials & products shall be transported with proper cover or with adequate measures to prevent spreading of dust during transportation.
 - h All operations likely to produce dust, odour or noise shall be carried out within closed premises.

ANNEXURE C3

FILE NO. - PCB/PTA/ICO/QR-24/07

Date of issue: 06/12/2012



KERALA STATE POLLUTION CONTROL BOARD DISTRICT OFFICE PATHANAMTHITTA

CONSENT TO OPERATE (Renewal)

ISSUED UNDER

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

8

Environment (Protection) Act, 1986

To

M/s. Panachayil Industries (Quarry), Kolabhagam.P.O, Thadiyoor, Pathanamthitta. Dist.

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CONSENT NC: QCO/PTA/14/RJ/2012

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VALID UP TO: 30/06/2015

1999) - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999	VALIDITY:-	30/06/2015
1	Date of Commissioning:-	1995
2	Name and address of establishment	M/s. Panachay(1) Industries (Quarry), Kolabhagom.P.O, Thadiyoor, Pathanamthitta. Dist.
3	Communication	Telephone : 0469 - 2743800 Fax : e- mail ::mail@poabs.com
4	=)ccupier details	Sri. Aby Mathew, Managing Partner, Panachayil House, West Othera P.O., Thíruvalla
5	Survey Number	3/5, 11/2, 11/4, 12/2, 12/3, 12/6, 12/5, 3/6, 3/8, 11/3, 15/7pt, 15/9pt, 15/15, 16/5, 21/5, 21/6pt, 10/3-1, 10/2-1, 10/4, 16/2, 16/4, 16/4-1, 16/3, 17/8, 18/1,
6	Village	Thottappuzhassery
7	Taluk	Thiruvalla
8	District	Pathanamilitita
9	Fanchayat: Ward No:	Thottapputhassery
10	Category	RED
11	Scale	Medium
12	Fee Slab / Fee remitted	Rs. 12000/year Rs.36000/-
13	Capital Investment	56.92 Lakhs -
14	Total Water consumption:- Water meter installed for:-	NIL .
15	Previous Consent	QCO/PTA/14/R ₁ /2009 dated. 17.04.2003 valid up to 30/06/2012
16	N-achinery deteils	1.Compressor : 62HP each 2no 2. jack Hammer : 5no 3.Tractor Compressor : 2no 4. Braker : 125 HP - 1no 5.Excavator : 135HP - 3nos 6.D.G.Set. 125kVA - 1no
•	P LODUCTS	Rubble: 3640MT/day

1. GENERAL

2.17. Air compressors used for quarying shall be acoustically enclosed to control the noise.

2.18. Noise creating activities such as drilling, blasting, breaking loading etc shall not be done during night time (option 6.00).

2.19. Blast ng shall be done at specified time with prior signals.

3. ADDITIONAL CONDITIONS

- 3.1. No other machineries shall be operated without prior Consent of the Board.
- 3.2. Quarrying operations shall be started only after obtaining the D & O License under the Keral- Panchayat Raj Act from the concerned Local Self Government Institution and submitting a copy of the same to the concerned District Office of the Board.

3.3. E-wa=te shall be disposed of in an environmentally sound manner.

The following details shall be submitted to the Board on or before 31st December every year'.

SI No	Particulars of e-waste	Quantity of e-waste disposed in previous year	Quantity of e-waste proposed to be disposed in current year	Mode of disposal

3.4. Clearance certificate from the Environment Department shall be obtained.

3.5. Ad-quate fire fighting equipment in accordance with the fire safety regulations shall be installed in the unit.

3.6. The applicant shall put up a sign board of size 6x4ft near the main entrance of the unit. One board shall display consent no. with validity & conditions 1.2, 1.16.

Rum

OFFICE SEAL

Copy tes -

The Chief, Envtl.Engineer, R.O, TVM.
 Stock file.

SIGNATURE & SEAL OP ISSUING AUTHORITY By K.RAJENDRA BABU

2. GENERAL CONDITIONS

- 2.1 This consent is granted subject to the power of the Board to review and made variation in or revulte the conditions as the Board deems fit.
- 2.2 For ren aval of consent application in the prescribed form shall be submitted to the Board before 31/03/2015 along with this consent.

Late-applications will be accepted only with a fine/late fee as per norms,

- 2.3. No change, deviation or alteration that may affect the quality or location of discharge of effluent is to be made without prior written permission of the Board. Any change in particulars furnished in the application and/or in the identity of the occuper/authorised agent is to be intimated to the Board forthwith.
- 2.4. The □nsent issued is subject to conditions specified in the clearances issued by the ⊓ining & Geology Department and Explosive Department as per the provisions of the relevant statutes.
- 2.5. Suitable species of trees and curtain plants shall be planted and maintained within and along t is periphery of the area, forming a green belt to improve the environment.
- 2.6. 2.6. There shall be minimum distance of 100m from boundary of quarry operating area to residential buildings, place of worship, Public buildings, public road having vehicular traffic, river or lake, railway line, bridges etc.
- 2.7. Quarrying shall be only within the area confirmed within the fencing with G.I.wire and the fencing shall be maintained always.
- 2.8. Bouncary shall be fenced before operation of quarrying activities.
- 2.9. Blasting with electric Detonators shall be limited to a maximum of 5nos at a time.
- 2.10. Only lench cutting method shall be adopted for quarrying.
- 2.11. Blasting and quarrying shall be done without causing any nuisance or damage to occuptants of adjoining or neighbouring land or building or posing damage to health, life or protectly.
- 2.12. Soun I level at 1m outside the boundary of the quarry shall be 55 dB (A) Leq, max.
- 2.13. Suspended particulate matter (dust) level at boundary shall be 200µg/m³ max and respir-ble particulate matter shall be 100µg/m³, max.
- 2.14. After completion of excavation at any site, the abandoned quarry shall be utilized for rain
- water harvesting with protective barriers/ any other suitable approved purpose or may be recaimed as per specification.
- 2.15. Proper fencing/barriers shall be provided and maintained all around the abandoned deep quart_ pits to avoid accidents.
- 2.16. Mining below normal water table by continuous pumping shall be avoided in summer
- pericd (March, April & May) to prevent drinking water shortage in that area.

Pape 1 of 1 LICENCE LORALLE Y Ever article 3(a) to (d) of Part 1 of Scholule IV of 1 splovaves Rules, 2008) Lice ice to possess ;(c) for use, explosives of class 1, 2,3,4,5,6 or 7 in a m Lienner No. : ESCAN /22/158(E113-5) Astenial Fee Re Dinim. 1 Shri.BINU.K.MATHEW.M/S.PANACHAYIL INDUSTRIES (Occupier : BINU. K 1. Licence is hereby granted to MATHEW WEST OTHERA Post. TIRUVALLA, Town/Village - WEST OTHERA District-PATHANAMTHITTA, State-Kerala, Pincode - 689551 2 Status of licensee : Comgany 3. Lucence is valid only for he following purpose : possess for use of Nitrate Mixture, Safety Fuse, Electric and/or Ordinary Detonalors, 4. (a) Licence is valid for the following kinds and quantity of explosives: Sub-division Sr. No. Name and Description Class & Division Quantity (If any) at any one lin Nitrate Maxture 2.0 250 Kg afery Fise 6,1 Û 5000 Mirs 3 Electric end/or Ordinary Detonators 6,3 0 5000 Nos (b) Quantity of explosi-es to be purchased in a calendar month(applicable for licence under article 3(b) and (c)] : 20 times as above. 5. The licensed premises shall conform to the following drawing(s): Drawing No : E/SC/KL/2 7/150(E11315) dated : 17/12/1992 The licensed premises re situated at following address: Survey No(s). 163/1AZ, Town/Village : Thettapuzhacherry,Thirawalla taluk Police Station : PATH INAMTHETA District : PATHANAMTHITTA State : Kerala PinCode : Phone : E-Mail : Fax 7. The licensed premises consist of following facilities : PORTABLE MAGAZINES B & S TYPE The licence is granted subject to the provision of Explosives Act 1884 as anended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.
 (1) Drawings (showing site, constructional and other details) as stated in scrial No. 5 above.
 (2) Conditions and Achiticnal Conditions of this licence signed by the licensing authority.
 (3) Distance Form DE-2 9. This licence shall ren ain valid till 31st day of March 1994 This licence is liable o be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under S=t VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto. The Date: 11/12/1992 dments Amendment of Ou c Limit dated : 23/05/2011 ty of Explosives/Monthly Purch the of Scolosives/Monthly Parchase I walt dated . 01/05/2011 Am ent of Our sives/bionthly Purchase Limit dated : 04/20/2012 200 Gadorsennent for resi al of lic Date of Renewal Date of Expiry ng sui SA/ 18/05/2009 31/03/2015 Dy. Chief Controller of Exp Statur-ry Warning : Minhandling and minuse of explosives shall constitute serious criminal offence under the law http://10.0.1.11/In-Exp/ExplosivesLicenceLE3.asp 10/4/2012

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ANNEXURE C4

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(See rule 113 of the Explosives Rules, 2008) (Distance Form to be attached to the former

Safety distances required to be kept clear around imagazine for high explosives or fire works or factory licence aumber E/SC/KL/22/IS0(E11315) in form L1-3 granted to ShriJUNU.K.MATHEW.M/s.PANACHAYIL INDUSTRIES, WEST OTHERA Post, TIRUVALLA, Kerala



PANACHAYIL INDUSTRIES



PANACHAYIL INDUSTRIES

ANNEXURE D2



ANNEXURE E

തോട്ടപ്പുട് ഴശ്ശേരി ഗ്രാമപഞ്ചായത്ത് ആഫീസ് ct- taselland 20002600 all.6. តលារុសនូលាំ / 🖬 ហៅណាក់ പത്തണംതിട്ട ജില്ല -689 549 പപ്രത്താവ് Cnf10670 : 0468 - 2214387 E-mail :tpsry1@gmail.com തിയതി sin. and the second 01-200 ··mann:-Recipt Pereived Copy y onler No (059/2012 of . 14.11.2012 Mender Seculory 5310A ber only No. 34 SEIAA/RLJ A Environmental dearme HUTOC Ø Thatafforg hasten Uncarm machingil GEGRET CALLANTUZHASSERY GRAMA PARENATA