

To,

11/10/2021

STATE ENVIRONMENTAL IMPACT-  
ASSESSMENT AUTHORITY  
KSRTC Bus Terminal Complex,  
4<sup>th</sup> floor, Thampanoor,  
Trivandrum

Sir,

Sub: Periodical report – Quarrying activity resumed – reg

Ref: EC No: 900/SEIAA/E Ct/3461/2015 – M/s Nila Metals (P) Ltd.,  
Vellappara, Pazhayannur (PO), Trichur- Dist. Quarry in Sy No:  
1853/1, 1854, 1855, 1856, 1857, 1858, 1860/1 for an area of 2.8936 Hec.

We are very much thankful you for the issuance of EC for our new Granite Building stone Quarry project in Pazhayannur village, Thalappilly taluk, Trichur Dist. All the initial conditions stipulated in the EC had been complied and filed report before you on 01/01/2017

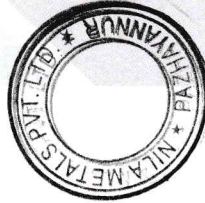
**Other periodical compliance as per below:**

- (a) No industrial waste generation during the course of process so far.
- (b) Controlled blasting techniques are used.
- (c) No dust generation during drilling since wet drilling methods are adopted.
- (d) Proper maintenance of machineries are carried out periodically.
- (e) Conducted periodical monitoring of sound as well as noise by the approved agency. Noise level & air quality maintained in the permissible standard limit. ( report enclosed)
- (f) News paper advertisement in two leading newspapers published regarding the commencement of quarrying activity.
- (g) Sprinklers are also installed to control the dust emission.
- (h) Enough trees are planted in the area.
- (i) Survey number 1860/1 fully excluded from the mining area.

- (j) Excavated pit area maintained and retained as water storage area.
- (k) Warning alarm as well as blasting time are displayed at the site and licensed blast man conducting blasting operations at the site.
- (l) No mining operations at places having a slope greater than 45
- (m) Obtained all statutory licenses from different departments concerned. Consent to operate from KSPCB has been extended for year till 12/10/2020, as COVID -19 relief.
- (n) No natural water course or water resources obstructed due to mining operations.
- (o) Details of production from April-21 to September -21 is attached herewith
- (p) CSR obligations implemented and details enclosed.
- (q) EC validation request has been placed before the SEAC based on the High Court order . SECA recommended the proposal to SEIAA after site inspection.

Thanking you,  
Yours faithfully,  
For Nila Metals (P) Ltd.,

  
Managing Director



Encl: A/a

Copy submitted to : Ministry of Environment. Forest & Climate Change  
Integrated Regional Office, Bangalore - 560034



## TEST REPORT

ULR No: TC540221000004971F	Date: 13-10-2021	Page 1 of 2
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CUSTOMER DETAILS	
Customer Name & Address	M/s Nila Metals (P) Ltd Vellapara, Pazhayannur Thrissur District.
Customer Reference	Test Request dt : 09-10-2021

DETAILS OF MONITORING			
Product Category	Atmospheric Pollution	Sample Code	EN21100078
Sample Name	Ambient Noise	Monitoring Commenced on	09-10-2021/ 06:00
Monitoring Location	East Side	Monitoring Completed on	10-10-2021/ 06:00
Test Method	IS 9989:1981 RA:2008	Monitored by	Lab Authorized Sampler


MONITORING SITE DETAILS			
Re Survey No	1840,1844,1845,1853,1854,1855,1856,1857,1858,1862,1863,1880/1,1881,1882,1883,1884,1885,1886		
Village	Pazhayannur	Taluk	Thalappally
District	Thrissur	State	Kerala

MONITORING RESULTS - Leq					
TIME	RESULTS dB(A)	TIME	RESULTS dB(A)	TIME	RESULTS dB(A)
06:00	35.4	14:00	47.5	22:00	34.3
07:00	38.0	15:00	47.8	23:00	35.1
08:00	42.0	16:00	48.9	24:00	37.6
09:00	45.3	17:00	49.3	01:00	38.4
10:00	47.5	18:00	44.2	02:00	38.0
11:00	50.4	19:00	40.9	03:00	38.7
12:00	47.8	20:00	37.2	04:00	37.6
13:00	47.1	21:00	36.8	05:00	39.5

## TEST RESULTS- CHEMICALPARAMETERS

  
Rija Joseph  
Technical Manager  
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<sup>S</sup> Environmental & Analytical Laboratories**  
Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017  
vide Certificate No. TC - 5402 & "A" Grade Laboratory approved by KSPCB.  
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43  
Web: www.sealabs.in, E-mail: sealab@gmail.com

## TEST REPORT

ULR No: TC540221000004971F		Date: 13-10-2021	Page 2 of 2
Sl. No.	PARAMETERS	UNIT	RESULT
1	Ambient Sound Level (Leq) Day Time (06:00 to 22:00)	dB(A)	45.9
2	Ambient Sound Level (Leq) Night Time (22:00 to 06:00)	dB(A)	37.9


Remarks:

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

# Standards

  
Rija Joseph  
Technical Manager  
Checked by:



  
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Laboratory Head  
Authorized Signatory

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



## TEST REPORT

ULR No: TC540221000004972F	Date: 13-10-2021	Page 1 of 2
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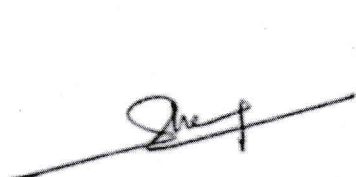
CUSTOMER DETAILS	
Customer Name & Address	M/s Nila Metals (P) Ltd Vellapara, Pazhayannur Thrissur District.
Customer Reference	Test Request dt : 09-10-2021

SAMPLE DETAILS			
Product Category	Water	Sample Code	WT21100037
Sample Name	Surface Water	Sample Received on	11-10-2021
Sample Conditions at Receipt	Fit for Analysis	Temperature @ Receipt	4°C
Sample Quantity & Packing	2L & 500ml Plastic Bottles	Test Commenced on	11-10-2021
Sampled by	Lab Authorized Sampler	Test Completed on	13-10-2021

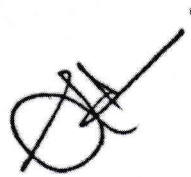
DETAILS OF SAMPLING			
Sample Source	Pond (10 m away from east direction)	Date of Sampling	09-10-2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/01& SEAAL/MBL/SOP/06	Sample Temperature	30 °C

SAMPLING SITE DETAILS			
Re Survey No	1840,1844,1845,1853,1854,1855,1856,1857,1858,1862,1863,1880/1,1881,1882,1883,1884,1885,1886		
Village	Pazhayannur	Taluk	Thalappally
District	Thrissur	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 RA 2017	Hazen	1.00	Max 5
2	Odour	IS 3025 (Part 5):2018	---	Agreeable	Agreeable



Shency Joy  
Dy.TM-Chemical  
Checked by

Salini T.S.  
Microbiologist  
Authorized Signatory



Laiju P.N.  
Laboratory Head  
Authorized Signatory

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## TEST REPORT

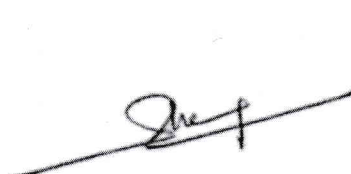
ULR No: TC540221000004972F	Date: 13-10-2021	Page 2 of 2
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TEST RESULTS- CHEMICAL PARAMETERS					
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
3	Turbidity	IS 3025 (Part 10):1984 RA 2017	NTU	0.80	Max 1
4	pH	IS 3025 (Part 11):1983 RA 2017	---	6.58	6.50 – 8.50
5	Conductivity	IS 3025 (Part 14):1984 RA 2019	μS/cm	167	---
6	Total Dissolved Solids	IS 3025 (Part 16):1984 RA 2017	mg/L	108	Max 500
7	Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21):2009 RA 2019	mg/L	44.9	Max 200
8	Calcium as Ca	IS 3025 (Part 40):1991 RA 2019	mg/L	10.4	Max 75
9	Magnesium as Mg	IS 3025 (Part 46):1994 RA 2019	mg/L	4.47	Max 30
10	Chloride as Cl	IS 3025 (Part 32):1988 RA 2019	mg/L	24.2	Max 250
11	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23):1986 RA 2019	mg/L	36.2	Max 200
12	Iron as Fe	IS 3025 (Part 53):2003 RA 2019	mg/L	0.38	Max 1
13	Sulphate as SO <sub>4</sub>	IS 3025 (Part 24):1986 RA 2019	mg/L	5.80	Max 200

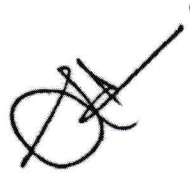
TEST RESULTS - BIOLOGICAL PARAMETERS					
Sl.No.	PARAMETERS	TEST METHOD	UNIT	RESULT	Requirement as per Acceptable Limit of IS 10500 : 2012
1	Total Coliform Bacteria	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml
2	E coli	IS 15185 : 2016	----	Absent/100 ml	Absent/100 ml

Remarks:

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



Shency Joy  
Dy.TM-Chemical  
Checked by

Salini T.S.  
Microbiologist  
Authorized Signatory



Laiju P.N.  
Laboratory Head  
Authorized Signatory

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## TEST REPORT

ULR No: TC540221000004970F	Date: 13-10-2021	Page 1 of 1
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CUSTOMER DETAILS	
Customer Name & Address	M/s Nila Metals (P) Ltd Vellapara, Pazhayannur Thrissur District.
Customer Reference	Test Request dt : 09-10-2021

SAMPLE DETAILS			
Product Category	Atmospheric Pollution	Sample Code	EN21100077
Sample Name	Ambient Air	Sample Received on	11-10-2021
Sample Conditions at Receipt	Fit for Analysis	Test Commenced on	11-10-2021
Sampled by	Lab Authorized Sampler	Test Completed on	13-10-2021

DETAILS OF SAMPLING			
Sampling Location	East Side	Date of Sampling	09-10-2021
Sampling Procedure	SEAAL/ENL/GEN/SOP/02	Humidity	72%

SAMPLING SITE DETAILS			
Re Survey No	1840,1844,1845,1853,1854,1855,1856,1857,1858,1862,1863,1880/1,1881,1882,1883,1884,1885,1886		
Village	Pazhayannur	Taluk	Thalappally
District	Thrissur	State	Kerala


TEST RESULTS- CHEMICAL PARAMETERS					
Sl. No.	PARAMETERS	TEST METHOD	UNIT	RESULT	NAAQ Standards
1	Particulate Matter, PM <sub>10</sub>	IS 5182 (Part 23):2006	µg/m <sup>3</sup>	41.7	Max 100
2	Particulate Matter, PM <sub>2.5</sub>	EPA 40 CFR (Part 50) Appendix - L	µg/m <sup>3</sup>	18.9	Max 60
3	Sulphur Dioxide as SO <sub>2</sub>	IS 5182 (Part 2): 2001 RA 2017	µg/m <sup>3</sup>	<2.00	Max 80
4	Oxides of Nitrogen as NO <sub>2</sub>	IS 5182 (Part 6): 2006 RA 2017	µg/m <sup>3</sup>	<2.00	Max 80

Remarks:

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

  
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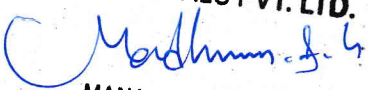
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STATEMENT OF THE YEAR 2021-2022						
DATE	OPENING BALANCE (M.T)	QUANTITY OF PRODUCTION (M.T)	TOTAL (M.T)	FORM O(A) NO,S	QUANTITY MOVED	CLOSING BALANCE (M.T)
Apr-21	34274.467	10000	44274.467		9176.305	35098.162
May-21	35098.162	3660	38758.162		3772.453	34985.709
Jun-21	34985.709	4770	39755.709		3699.92	36055.789
Jul-21	36055.789	8590	44645.789		6325.545	38320.244
Aug-21	38320.244	9940	48260.244		8478.487	39781.757
Sep-21	39781.757	10130	49911.757		9580.779	40330.978
Oct-21						
Nov-21						
Dec-21						
Jan-22						
Feb-22						
Mar-22						
	<b>TOTAL</b>	<b>47090</b>			<b>41033.489</b>	



For NILA METALS PVT. LTD.  
  
 MANAGING DIRECTOR



**NILA METALS PVT LTD**  
**VELLAPARA,PAZHAYANNUR,TRICHUR**

Brief Ledger of C.S.R 21-22 for the period 01-Apr-2021 To 12-Oct-2021(All in DEFAULT)

Date	Ref No	Particulars	Dr.	Cr.	Voucher No
31/05/21		To STATE BANK OF INDIA ( To Donation for Ambulance purchase - covid rescue service ( Panchayath))	50000.00		DBP204
09/06/21		To CANARA BANK , PALAKKAD ( To Diesel expense for Covid rescue ambulance service - Panchayath)	54165.00		DBP191
22/09/21		To CANARA BANK , PALAKKAD ( To Waste processing plant modernisation work - pazhayannur panchayath)	75000.00		DBP636
			<b>179165.00</b>	<b>179,165.00(Dr)</b>	



**For NILA METALS PVT. LTD.**  
  
**MANAGING DIRECTOR**