

No. PCC/DDD/NGT/OA465/2022-23/646
Office of the Member Secretary,
Pollution Control Committee,
DNH & DD,
Daman

Date: 14 / 12 / 2022

To,

The Consultant (Judicial)
(N.G.T.) (P.B.) GS

Sub.: Order passed in Original Application No. 465 / 2022

Ref.: Order vide M.A.No. 70 / 2022 IN against O.A.No. 465 / 2022 (Email dated 14/10/2022)

Sir,

In connection to the Order passed by the Hon'ble NGT in the matter as stated in the subject, it is to inform that an inspection of M/s Eurocoustic Products Ltd. was carried out by the Joint Committee (formed in this regard) along with other staffs of the Pollution Control Committee, DNH & DD on 08.12.2022 in compliance of directions as mentioned at point no. 6 of the said Order.

Details of the inspection along with other relevant records is attached herewith for your kind perusal and further needful, please.

Sounak Mukherjee
For, Member Secretary
Pollution Control Committee,
DNH & DD
Daman

Encl(s):

1. Inspection Report dated 08.12.2022
2. Annexure – I (Copy of Letter of Intimation to the unit)
3. Annexure – II to V (Copies of communications sent & received from the unit as well as the petrol pump for purchase & sale during the Closure period)
4. Annexure – VI (Attendance of Representatives of the unit)

**UT ADMINISTRATION OF DADRA AND NAGAR HAVELI & DAMAN AND DIU
POLLUTION CONTROL COMMITTEE, DNH & DD, DAMAN
1st Floor Udyog Bhawan, Vapi-Kunta Road, Bhenslore, Nani Daman**

1.	Name of the Unit Inspected	M/s Eurocoustic Products Ltd.
2.	Date	08.12.2022
3.	Time	15:15 Hrs
4.	Address of the Unit	Sr. No. 355, Near Kachigam Char Rasta, Nani Daman, Daman – 396210
5.	Reference	1. Hon'ble NGT's Original Application No. 465 / 2022 dated 06.07.2022 2. Hon'ble NGT's Order vide M.A. No. 70 / 2022 dated 20.09.2022
6.	Inspecting Team	(a) Dr. Tapasya Raghav, Collector Daman cum Member Secretary Pollution Control Committee, DNH & DD, Daman (Joint Committee) (b) Sh. Sounak Mukherjee, Jr. Project Engineer (c) Smt. Jyoti Katara, Jr. Project Engineer
7.	Purpose of Visit	To verify the factual position of the unit's operation (as per direction received from Hon'ble NGT vide Order No. M.A. 70 / 2022 IN against O.A. No. 465 / 2022).

INSPECTION REPORT

Course of Action:

1. The unit was jointly visited by the team comprising of the personnel as mentioned above to verify the factual position of the unit's operation
2. The inspection started with first visiting of the Acoustic Panel / Furniture Division thereafter moving towards Structural Steel Division and then proceeding onto Fusion Bonded Epoxy Coating Division.
3. The following were the observations particularly with respect to the activities which were mentioned in the Hon'ble NGT's Orders dated 06.07.2022 & 20.09.2022, respectively:

Order No.	Activities	Observations
Original Application No. 465 / 2022 dated 06.07.2022	Biodiesel (Not Permitted in the UT of Daman)	No plant / machinery was observed
	Rebar Coating (FBEC)	Plant was observed but was not running
	Structural (Shot-blasting) Red Category	Plant was observed but was not running
	Powder Coating	No such plant observed
M.A. No. 70 / 2022 dated 20.09.2022	Diesel Generator Sets	No Diesel Generator Sets were observed in the plant's premises. It is also to mention herein that No consents were ever granted by this office in the past for any air emission utility.

OTHER AVERMENTS & OBSERVATIONS

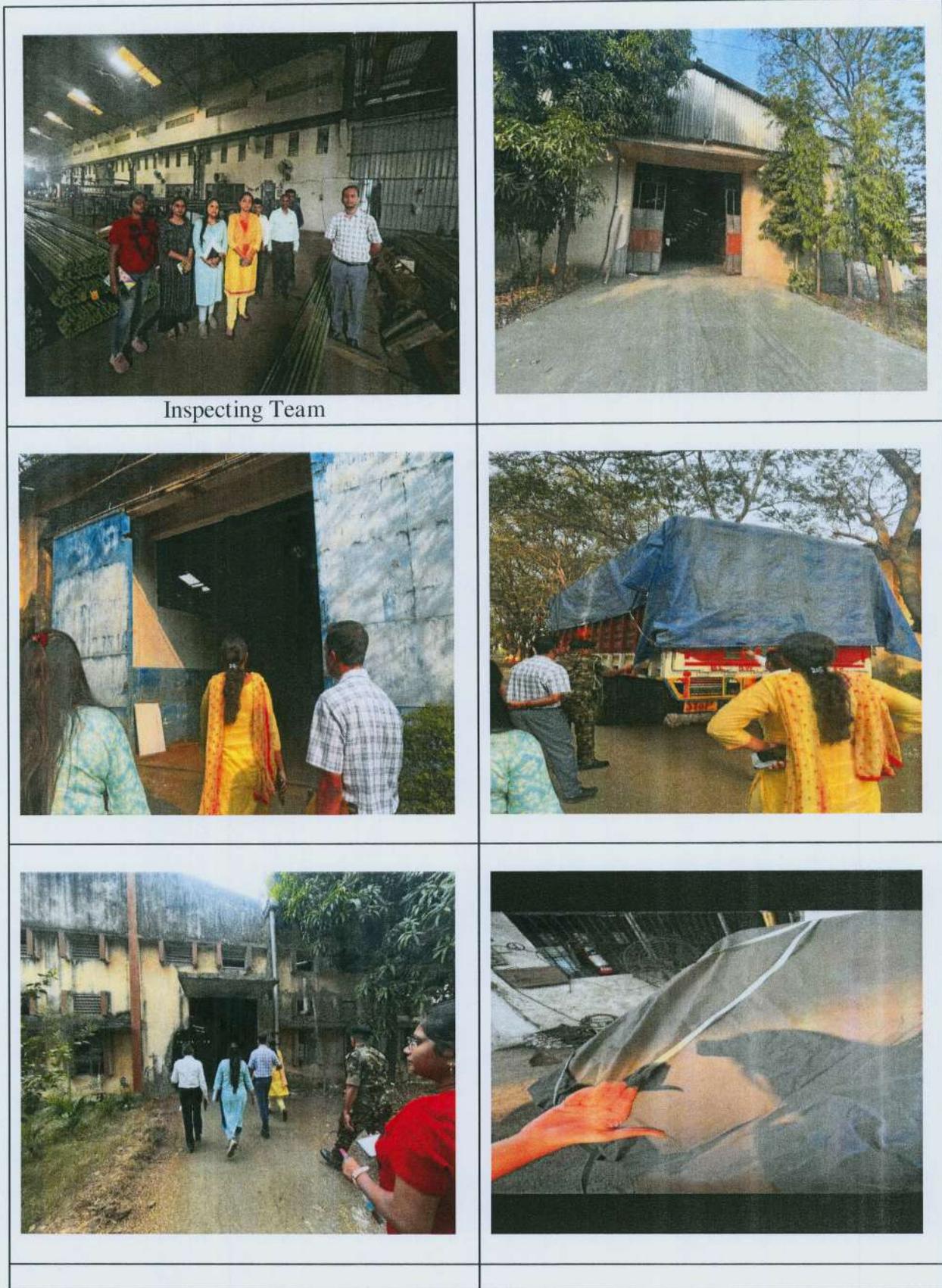
1. Upon receipt of the Letter of Intimation vide No. PCC/DDD/NGT/OA465/2022-23/629 dated 08.12.2022 (**Annexure-I**), the unit seemed to have temporarily stopped its operations as it was apparent from presence of staffs in the unit's premises including shutting down of Power for most of its plants. Upon interrogation, it was claimed that the unit had undergone a routine Shut Down for Scheduled Maintenance however no such records were furnished even after repeated verbal requests by the inspecting team.
2. The Fabricated Structural Steel Division was also shut down however loose elements of Steel Structures were observed lying.
3. The unit claimed to have stopped operation of the Epoxy Coating Division however shift-wise production records (Photographs attached along with) were retrieved while inspecting the Epoxy Division Shed thereby indicating that Epoxy Coating of Rebars were still being carried out in the period during which the unit was Closed following issuance of Closure Direction (i.e. between 05.08.2022 & 07.10.2022).
4. The unit representatives repeatedly kept impressing upon the inspecting team of not being involved in any production process and that it was only importing all the "ready for despatch" Epoxy Coated Rebars from its lessee unit (M/s PSL Corrosion Control Services Ltd.) which is located about 2.7 Kms from M/s Eurocoustic Products Ltd. This is a contradiction of the shift-wise production details fetched from the office records of Epoxy Division Shed (Photographs attached).
5. Upon interrogation by the Joint Committee & the visiting team, contradictory verbal statements were received from the staffs with few admitting to fact that the plant was operational between the period when it was issued Closure Direction until when it was accorded Re-connection of Power Supply following submission of Affidavit while few opposed the same.
6. It is also to note herein that, as per direction No. 6 of the Hon'ble NGT's Order, details of Diesel purchased by the unit & that sold by M/s Sai Petrol Pump, Kachigam during the period between 04.08.2022 and 07.10.2022 was also fetched only from the project proponent however no details in this regard were received from M/s Sai Transport (the Petrol Pump). The project proponent submitted that Diesel of about 1,75,205 Ltrs was purchased during the period from the said petrol pump (**Annexures II to V**).
7. Moreover, neither any Diesel Generator sets were found in the entire premises during such inspection nor was any consent granted for any Diesel Generator Sets in the past by the O/o the undersigned.
8. As evident from the photographs attached below, wash-water spillage was observed flowing out of the Epoxy Coating Shed thereby indicating that the unit had just washed the Epoxy Shed following receipt of Letter of Intimation.
9. The unit was certainly not treating its cooling tower blowdown water through any Effluent Treatment System. Samplings of the water circulating in the cooling tower connected to the Epoxy Coating Shed was collected and sent to MOEF & CC recognized laboratory to quantify certain parameters of concern. Results are awaited.
10. Certain documents, registers, etc. containing details of production carried out in the Epoxy Coating Division during the period of Closure of the unit (i.e. from 05.08.2022 to 07.10.2022) were found which were taken into the custody of this office for examination with proper written consent from the unit's representatives.
11. The details of representatives from the unit present during the inspection are annexed at (**Annexure II**).

Ray

CONCLUSION:

It may therefore be concluded that, it may be possible from observation no. 6 that DG Sets were hired and the industry was carrying out its activities during the Closure period (i.e. between 05.08.2022 to 07.10.2022).

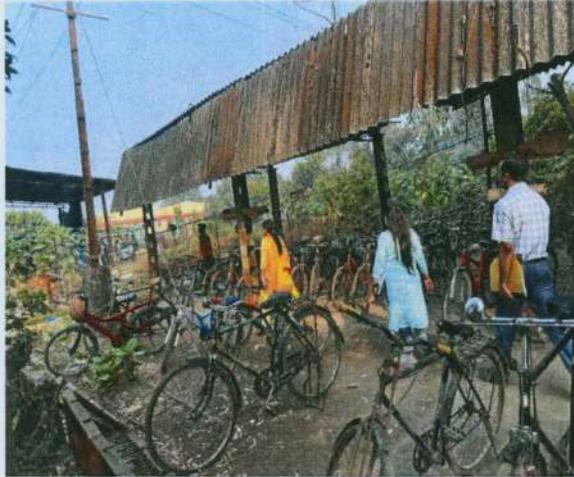
PHOTOGRAPHS OF INSPECTION



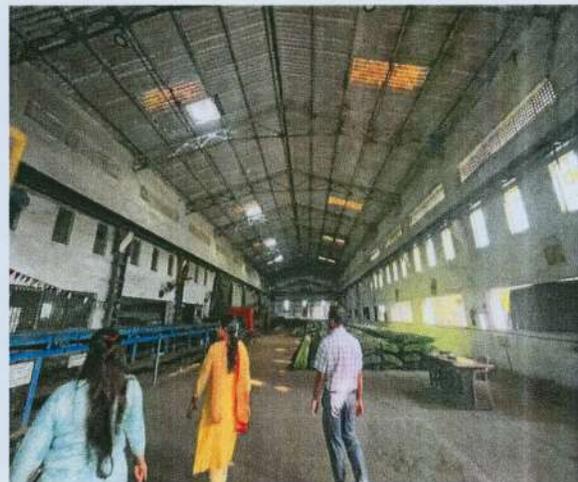
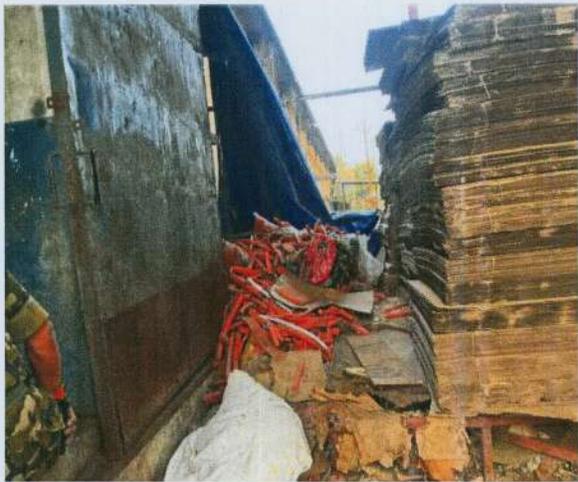
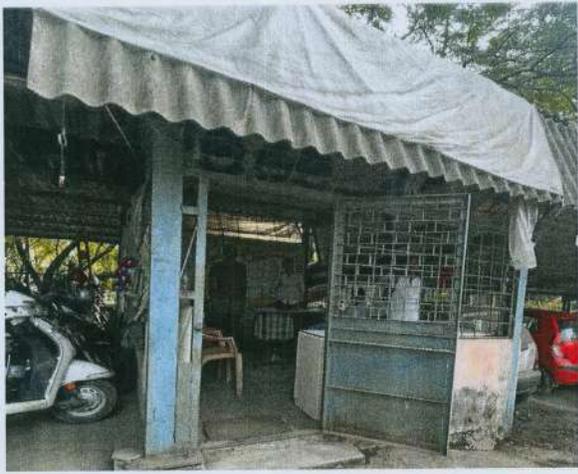
Inspecting Team

202

Soumit Mukherjee



Souvali Mulikagee



Jay

Souvik Mukherjee



Key

Souvik Mukherjee



Ray

Somak Mukherjee

EUROACOUSTIC PRODUCTS LIMITED
 Regd. Office & Head Office: P.O. Complex, Mangalore City Road, Mangalore, District 575 001, India
 BENT WIRE PRODUCTION REPORT

Date: 20.12.2023

Sl. No.	CLIENT NAME	CHALLAN NO.	SIZE (MM)	PCS	MT	Weightage Working Factor
1	PCC DNH	2033	12	304	2,080	0.59
2	PCC DNH	201220792	25	576	21,590	2.03
3	FORCE CONST	2032	25	528	25,420	1.92
4	"	"	12	54	1,600	0.28
5	"	2078	20	341	22,020	2.37
6	"	"	22	63	5,060	0.33
7	ALLIUMALIA	18005242-A	32	399	30,380	2.14
8	J KUMAR	201928275	20	1070	32,340	3.45
9	EDGE CONST	2033	10	374	2,740	1.20

% Rebar (B B): 3.37467
 MATERIAL CONSUMPTION: Epoxy powder 715, Steel wires 300, Steel grit 300, Shut Down: 2.10 To 2.30
 Total Production: 147,414 | 14.07
 Plant started at: 20.30 PM
 Plant stopped at: 10.00 AM
 Bare Bar Used: 422,846
 Dispatch: 195,850

EUROACOUSTIC PRODUCTS LIMITED
 Regd. Office & Head Office: P.O. Complex, Mangalore City Road, Mangalore, District 575 001, India
 BENT WIRE PRODUCTION REPORT

Date: 20.12.2023

Sl. No.	CLIENT NAME	CHALLAN NO.	SIZE (MM)	PCS	MT	Weightage Working Factor
1	MULAM ROAD	2001882	12	1105	20,240	3.25
2	PCC DNH	200027813	20	131	7,325	0.45
3	PCC DNH	"	12	1056	12,770	0.78
4	J KUMAR	2033	12	126	9,550	0.32

% Rebar (B B): 3.48543
 MATERIAL CONSUMPTION: Epoxy powder 448, Steel wires 300, Steel grit 300, Shut Down: 2.10 To 2.30
 Total Production: 45,985 | 11.56
 Plant started at: 09.30 AM
 Plant stopped at: 02.15 PM
 Bare Bar Used: 226,806
 Dispatch: 288,000

EUROACOUSTIC PRODUCTS LIMITED
 Regd. Office & Head Office: P.O. Complex, Mangalore City Road, Mangalore, District 575 001, India
 BENT WIRE PRODUCTION REPORT

Date: 20.12.2023

Sl. No.	CLIENT NAME	CHALLAN NO.	SIZE (MM)	PCS	MT	Weightage Working Factor
1	PCC DNH	2033	12	304	2,080	0.59
2	PCC DNH	201220792	25	576	21,590	2.03
3	FORCE CONST	2032	25	528	25,420	1.92
4	"	"	12	54	1,600	0.28
5	"	2078	20	341	22,020	2.37
6	"	"	22	63	5,060	0.33
7	ALLIUMALIA	18005242-A	32	399	30,380	2.14
8	J KUMAR	201928275	20	1070	32,340	3.45
9	EDGE CONST	2033	10	374	2,740	1.20

% Rebar (B B): 3.37467
 MATERIAL CONSUMPTION: Epoxy powder 715, Steel wires 300, Steel grit 300, Shut Down: 2.10 To 2.30
 Total Production: 147,414 | 14.07
 Plant started at: 20.30 PM
 Plant stopped at: 10.00 AM
 Bare Bar Used: 422,846
 Dispatch: 195,850

EUROACOUSTIC PRODUCTS LIMITED - DAMAN
 Regd. Office & Head Office: P.O. Complex, Mangalore City Road, Mangalore, District 575 001, India
 BENT WIRE PRODUCTION REPORT

Date: 20.12.2023

Sl. No.	CLIENT NAME	CHALLAN NO.	SIZE (MM)	PCS	MT	Weightage Working Factor
1	PCC DNH	2033	12	304	2,080	0.59
2	PCC DNH	201220792	25	576	21,590	2.03
3	FORCE CONST	2032	25	528	25,420	1.92
4	"	"	12	54	1,600	0.28
5	"	2078	20	341	22,020	2.37
6	"	"	22	63	5,060	0.33
7	ALLIUMALIA	18005242-A	32	399	30,380	2.14
8	J KUMAR	201928275	20	1070	32,340	3.45
9	EDGE CONST	2033	10	374	2,740	1.20

% Rebar (B B): 3.37467
 MATERIAL CONSUMPTION: Epoxy powder 715, Steel wires 300, Steel grit 300, Shut Down: 2.10 To 2.30
 Total Production: 147,414 | 14.07
 Plant started at: 20.30 PM
 Plant stopped at: 10.00 AM
 Bare Bar Used: 422,846
 Dispatch: 195,850

COATED BAR
 Client M/s. FORCE CONST
 Challan No. 2033 Dtd. _____
 Size 10 mm Heat No. _____
 Qty. 2940 MT OK/NOT OK
 Sign. [Signature] Date _____

COATED BAR
 Client M/s. NCC LTD
 Challan No. 201928380 Dtd. _____
 Size 20 mm Heat No. _____
 Qty. 32.083 MT OK/NOT OK
 Sign. [Signature] Date _____

INSPECTION TEAM

Name	Designation	Signature
Dr. Tapasya Raghav, IAS	Collector, Daman cum Member Secretary, PCC DNH & DD	<u>[Signature]</u>
Sh. Sounak Mukherjee	Jr. Project Engineer PCC DNH & DD	<u>Sounak Mukherjee</u>

No. PCC/DDD/NGT/OA465/2022-23/ 629
Office of the Member Secretary,
Pollution Control Committee,
DNH & DD,
Daman

Date: - 08/12/2022

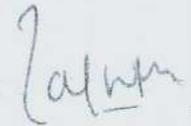
To,

M/s Eurocoustic Products Ltd.
Sr. No. 355, Near Kachigam Char Rasta,
Kachigam, Nani Daman.

Sub.: Regarding Visit of M/s Eurocoustic Products Ltd. in compliance of Hon'ble NGT's
Order No. M.A. No. 70 / 2022 IN against O.A. No. 465 / 2022.

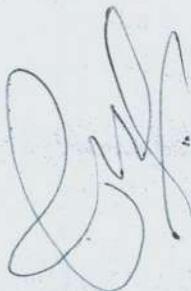
In connection to the Order passed by the Hon'ble NGT in the matter as referred
above it is to inform that a Joint Committee comprising of Member Secretary, Pollution
Control Committee DNH & DD and Collector, Daman shall be visiting M/s Eurocoustic
Products Ltd. Located at Sr. No. 355, Near Kachigam Char Rasta, Nani Daman today (i.e.
08.12.2022) at 15:00 Hrs.

This is for your kind information, please.



Member Secretary
Pollution Control Committee,
DNH & DD
Daman

ok
Received
on 8/12/22
at 1:15 PM



No. PCC/DDD/NGT/OA465/2022-23/ ~~566~~ 566
Office of the Member Secretary,
Pollution Control Committee,
DNH & DD,
Daman

Date: - 16/11/2022

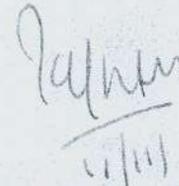
To,

M/s. Eurocoustic Products Ltd.
Sr. No. 355, Near Kachigam Char Rasta,
Nani Daman, Daman.

Sub.: Details of Diesel Purchased from M/s. Sai Petrol Pump, Kachigam Char Rasta during the period (04.08.2022 – 07.10.2022), both dates inclusive.

Ref.: M.A. No. 70 / 2022 IN against O.A. No. 465 / 2022

In connection to the Order passed by the Hon'ble NGT in the matter as referred above (**copy attached**), it is hereby directed that details of Diesel purchased by your unit from M/s Sai Petrol Pump, Kachigam Char Rasta during the period (04.08.2022 – 07.10.2022), both dates inclusive may please be provided to the office of the undersigned on or before 12.11.2022 so as to facilitate sharing of the information to the Hon'ble National Green Tribunal at the earliest.

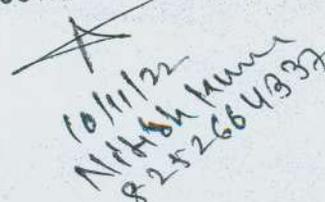


Member Secretary
Pollution Control Committee,
DNH & DD
Daman

Encl(s):

- Copy of M.A. No. 70 / 2022 IN against O.A. No. 465 / 2022.

EUROCOUSTIC PRODUCTS LTD.


16/11/22
Nani Daman
8252664337

No. PCC/DDD/NGT/OA465/2022-23/ ~~565~~ 565

Office of the Member Secretary,
Pollution Control Committee,
DNH & DD,
Daman

Date: - 10/11/2022

To,

M/s. Sai Transport Services
Sr. No. 493/8, 9 & 10,
Vapi Daman Main Road,
Near Dabhel Check Post,
Nani Daman.

Sub.: Details of Diesel Purchased from M/s. Sai Transport Services (Petrol Pump) during the period (04.08.2022 – 07.10. 2022) both dates inclusive

Ref.: M.A. No. 70 / 2022 IN against O.A. No. 465 / 2022

Sir,

In connection to the Order passed by the Hon'ble NGT in the matter as referred above (copy attached), it is hereby directed that details of Diesel purchased by M/s. Eurocoustic Products Ltd. located near Kachigam Char Rasta during the period (04.08.2022 – 07.10. 2022) both dates inclusive may please be provided to the office of the undersigned on or before 12.11.2022 so as to facilitate sharing of the information to the Hon'ble National Green Tribunal at the earliest.

Your prompt action in this regard would be highly appreciated.



Rajesh
Member Secretary
Pollution Control Committee,
DNH & DD
Daman

Encl(s):

- Copy of M.A. No. 70 / 2022 IN against O.A. No. 465 / 2022.



**EUROCOUSTIC
PRODUCTS
LIMITED**

HAND DELIVERY

Date:-18/11/2022

To,
The Member Secretary
Office of the Member Secretary
Pollution Control Committee,
DNH & DD, Daman

Sub: Details of Diesel Purchased from M/s Sai Shyam Petrol Pump Char Rasta during the Period (04-08-2022 to 07-10-2022). Both dates inclusive.

Respected Madam,

This has reference to your letter No. PCC/DDD/NGT/OA465/2022-23/566 dated 10/11/2022 & our request letter dated 12/11/2022 on the subject matter.

During the period 04-08-2022 to 07-10-2022 Eurocoustic Products Ltd (herein after referred to as EPL) have purchased total Diesel 175405 Ltrs which includes daily consumption as well, from M/s. Sai Shyam Petroleum Kachigam .

As per understanding between EPL and PSL Corrosion Control Services Ltd,(herein after referred to as PSLCCS) EPL has been giving job work to PSLCCS on the terms of EPL to supply raw material and electricity which are required to complete the job work. During the period 04-08-2022 to 07-10-2022 to comply with the ongoing afore stated orders EPL had to arrange to purchase diesel for PSLCCS.

Thanking You

Yours faithfully,
For Eurocoustic Products Ltd

Authorized Signatory

प्रदूषण नियंत्रण समिति
POLLUTION CONTROL COMMITTEE
दमण एवं दीव वीर वन्य जीव संरक्षण, दमण
Daman & Diu and Daman & Nagar Haveli
आरक्षण विभाग
आरक्षण संख्या No. 2782
सं. सं. 39 पृ. सं. 29
दि. सं. 18/11/2022
दि. सं. 18/11/2022

Corporate Office

1 Aerocity, Unit No. 501-506, Fifth Floor,
Safed Pool, Andheri-Kurla Road,
Off Sakinaka, Mumbai - 400 059
Phone: +91 22 6903 7777

Registered Office & Works

Survey No. 355, Kachigam Char Rasta,
Vapi Kachigam Road,
Daman (U.T.) - 396 210
Phone: +91 260 2244767 / 2242989

Email:

contact@eplgroup.co.in
info@eplmodular.com
Website:
www.eplgroup.co.in
www.eplmodular.com



Source
for
21/11
Source
21/11/2022



KONARK RESEARCH FOUNDATION

TESTING & CALIBRATION LABORATORY

Plot No 338/1, Behind Patel Cricket Ground, Kachigam, Daman & Diu, 396210
Regd. Office: 333, Adhyaru Industrial Estate, Sunmill Compound, Lower Parel, Mumbai (MH) 4000013
DH, INDIA
saleskrf@konarkgroup.com

Testing & Calibration Laboratory

TEST REPORT

KRF/QF/5101-B2

MOEF Approved Laboratory

Issued To : Office Of The Member Secretary, Pollution Control Committee
1st Floor, Udyog Bhavan, Bhenslore,
DAMAN, DD, 396210

Certificate No. : KRF/0760/WAT/22-23

Issued Date : 12/12/2022

Sample Name : WATER SAMPLE (PCC/DDD/WW/22-23/386)

Sample Received On : 09/12/2022

Sample Quantity : 2.5 Liter

Sr No	Test Parameters	UOM	Method	Detection Limit	Requirement	Test Reported Value
Description : Clear Colourless Liquid.						
1	Color	Units	IS:3025 (PART-04)	---	---	Below-1
2	Total Suspended Solid	mg/Lit.	IS:3025 (PART-17)	---	---	2.00
3	pH.	---	IS:3025 (PART-11)	---	---	8.57
4	Chemical Oxygen Demand	mg/Lit.	APHA 5220 B	---	---	Not Detected
5	Iron	mg/Lit.	IS:3025 (PART-02)	---	---	0.430
6	Chromium	mg/Lit.	IS:3025 (PART-02)	---	---	0.003
7	Lead	mg/Lit.	IS:3025 (PART-02)	---	---	0.020

*** END OF REPORT ***

Testing & Calibration Laboratory

Tests Started on : 09/12/2022

Tests Completed on : 12/12/2022

Mr. GIRISH PATEL

Authorised Signatory-Chemical



Note : This report is Subject to the terms & conditions mentioned overleaf

* Environmental Monitoring And Analysis * Food & Drug Analysis * GLP Facility For Agro Chemicals * Ayurvedic Analysis



Testing & Calibration Laboratory

KONARK RESEARCH FOUNDATION**TESTING & CALIBRATION LABORATORY**

Plot No 338/1, Behind Patel Cricket Ground, Kachigam, Daman & Diu, 396210
 Regd. Office: 333, Adhyaru Industrial Estate, Sunmill Compound, Lower Parel, Mumbai (MH) 400013
 ,DH, INDIA
 saleskrf@konarkgroup.com

TEST REPORT

KRF/QF/5101-B2

MOEF Approved Laboratory

Issued To : Office Of The Member Secretary, Pollution Control Committee
 1st Floor, Udyog Bhavan, Bhenslore,
 DAMAN, DD, 396210

Certificate No. : KRF/0761/WAT/22-23**Issued Date** : 12/12/2022**Sample Name** : WATER SAMPLE (PCC/DDD/WW/22-23/387)**Sample Received On** : 09/12/2022**Sample Quantity** : 2.5 Liter

Sr No	Test Parameters	UOM	Method	Detection Limit	Requirement	Test Reported Value
Description : Slight Yellow Colour Turbid Liquid.						
1	Color	Units	IS:3025 (PART-04)	---	---	Below-2
2	Total Suspended Solid	mg/Lit.	IS:3025 (PART-17)	---	---	14.00
3	pH.	---	IS:3025 (PART-11)	---	---	29
4	Chemical Oxygen Demand	mg/Lit.	APHA 5220 B	---	---	22.58
5	Iron	mg/Lit.	IS:3025 (PART-02)	---	---	1.408
6	Chromium	mg/Lit.	IS:3025 (PART-02)	---	---	0.009
7	Lead	mg/Lit.	IS:3025 (PART-02)	---	---	0.029

*** END OF REPORT ***

Testing & Calibration Laboratory

Tests Started on : 09/12/2022**Tests Completed on** : 12/12/2022

Mr. GIRISH PATEL


 Authorised Signatory-Chemical
 
Note : This report is Subject to the terms & conditions mentioned overleaf

* Environmental Monitoring And Analysis * Food & Drug Analysis * GLP Facility For Agro Chemicals * Ayurvedic Analysis



Testing & Calibration Laboratory

KONARK RESEARCH FOUNDATION**TESTING & CALIBRATION LABORATORY**

Plot No 338/1, Behind Patel Cricket Ground, Kachigam, Daman & Diu, 396210
 Regd. Office: 333, Adhyaru Industrial Estate, Sunmill Compound, Lower Parel, Mumbai (MH) 4000013,
 DH, INDIA
 saleskrf@konarkgroup.com

TEST REPORT

KRF/QF/5101-B2

MOEF Approved Laboratory

Issued To : Office Of The Member Secretary, Pollution Control Committee
 1st Floor, Udyog Bhavan, Bhenlore,
 DAMAN, DD, 396210

Certificate No. : KRF/0762/WAT/22-23**Issued Date** : 12/12/2022**Sample Name** : WATER SAMPLE (PCC/DDD/WW/22-23/388)**Sample Received On** : 09/12/2022**Sample Quantity** : 2.5 Liter

Sr No	Test Parameters	UOM	Method	Detection Limit	Requirement	Test Reported Value
Description : Slight Yellow Colour Turbid Liquid.						
1	Color	Units	IS:3025 (PART-04)	---	---	Below-2
2	Total Suspended Solid	mg/Lit.	IS:3025 (PART-17)	---	---	18.00
3	pH.	---	IS:3025 (PART-11)	---	---	9.28
4	Chemical Oxygen Demand	mg/Lit.	APHA 5220 B	---	---	18.04
5	Iron	mg/Lit.	IS:3025 (PART-02)	---	---	1.297
6	Chromium	mg/Lit.	IS:3025 (PART-02)	---	---	0.009
7	Lead	mg/Lit.	IS:3025 (PART-02)	---	---	0.030

*** END OF REPORT ***

Testing & Calibration Laboratory

Tests Started on : 09/12/2022**Tests Completed on** : 12/12/2022

Mr. GIRISH PATEL


 Authorised Signatory-Chemical
**Note :** This report is Subject to the terms & conditions mentioned overleaf

* Environmental Monitoring And Analysis * Food & Drug Analysis * GLP Facility For Agro Chemicals * Ayurvedic Analysis