

STP Layout Plan



Legends:

- 1 Lifting Sump
15000X3000X1500(SWD)+2500(FB)
- 2 Screen Chamber
3000X3000X250(SWD)+300(FB)
- 3 Equalization Tank
100000X1500X2000(SWD)+400(FB)
- 4 Aeration Tank (Aerobic)
250000X1800X3000(SWD)+500(FB)
- 5 Secondary Settling Tank
250000X2500X3000(SWD)+500(FB)
- 6 Filter Feed Tank
18000X1800X3000(SWD)+500(FB)
- 7 Sludge Holding Tank
120000X1050X3000(SWD)+500(FB)
- 8 Treated Water Tank
400000X4500X3000(SWD)+500(FB)
- 9 STP Plant Room (above Treated Water Tank)
40000X4000X3500(FB)

Notes:

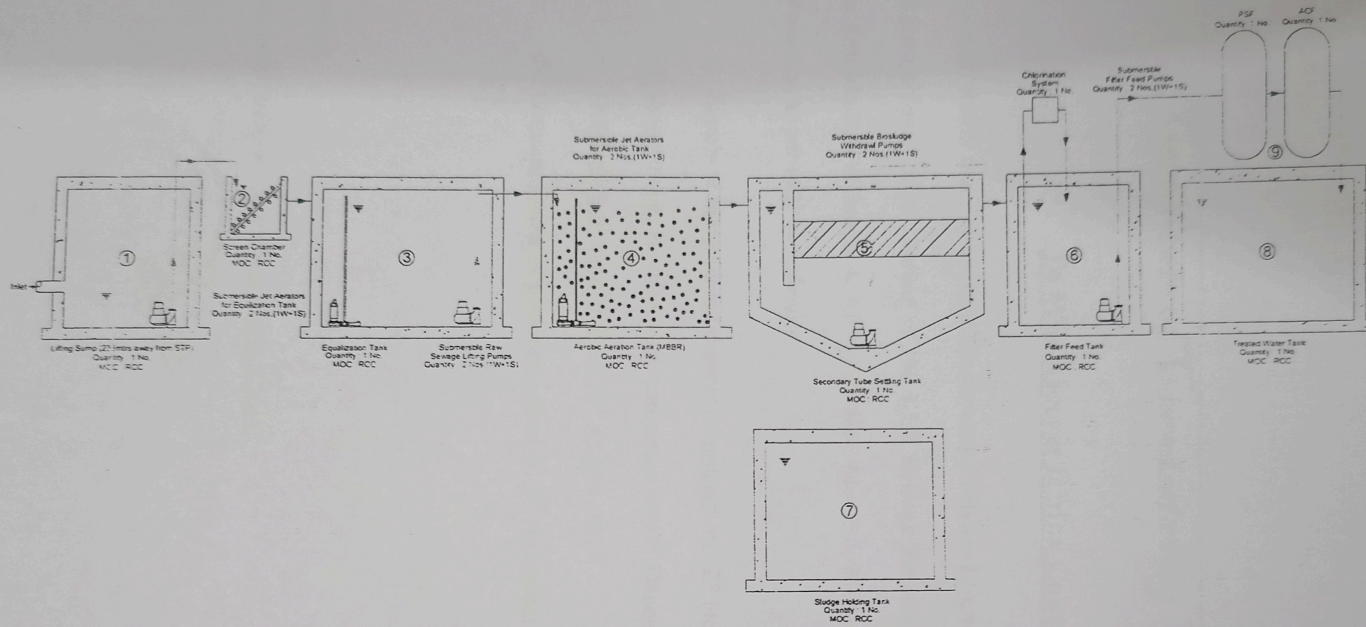
- All Dimensions are in millimeters
- All Levels are in meters
- Exact dimension subject to change based on structural design
- Exact dimensions of gales, platforms, walkways and supports etc. to be conforming during detailed design.
- All RCC wall thickness to be decided by RCC consultant.

Rev	Description	By	Check	Date
01	Issue for Approval			

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Project	Dr Pol Foundation Kharghar, Navi Mumbai
Client	Samruddhi Waterworks Private Limited
Scale	As per drawing
Revision	01

STP Layout Plan (MBBR) Process
Capacity: 150 KLD
Date: 12/01/2024
Sheet No: STL-0379-R1



Legend:

- ① Lifting Sump
3000X3000X1500(SWD)+2500(FB)
- ② Screen Chamber
000X800X250(SWD)+300(FB)
- ③ Equalization Tank
4500X3000X3000(SWD)+400(FB)
- ④ Aeration Tank (Aerobic)
4000X3000X3000(SWD)+500(FB)
- ⑤ Secondary Settling Tank
2500X2500X3000(SWD)+500(FB)
- ⑥ Filter Feed Tank
2500X1800X3000(SWD)+500(FB)
- ⑦ Sludge Holding Tank
4500X1050X3000(SWD)+500(FB)
- ⑧ Treated Water Tank
4500X4000X3000(SWD)+500(FB)
- ⑨ STP Plant Room (Above Treated Water Tank)
4500X4000X3500(H)

Notes:

- All Dimensions are in millimeters
- All Levels are in meters
- Exact dimension subject to change based on structural design.
- Exact dimensions of gates, platforms, walk ways and supports etc. to be conformed during detailed design.
- All RCC wall thickness to be decided by RCC consultant

1	Reviewed as per Client	Jul 2016	MD	MD	MD	MD
2	Final Issue	Jul 2016	MD	MD	MD	MD
Revision	Modification	Date	Drawn	Checked	Drawn	MD

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Project: Dr Pol Foundation
Kharghar, Navi Mumbai

Samruddhi Chapermahar Private Limited

DATE	NAME
Drawn	MD
Reviewed	MD

Process Flow Diagram (MBBR) Process Capacity: 150 KLD

Sheet No: STP-0379-R1

Samruddhi Waterworks Private Limited
C-2, Shatanand Complex, Near Pearl Tower, Gadital, Hadapsar,
Pune - 411 028, India Phone: +91 9665501466, 8482822288
Email: samruddhi.waterworks@gmail.com

Samruddhi

समृद्धी वॉटरवर्क्स प्रा. लि.
सी - २, शतानंद कॉम्प्लेक्स, माहीतळ हडपसर,
पुणे - ४११ ०२८ महाराष्ट्र, भारत
फोन : +९१ ९६६५५०१४६६, ८४८२८२२२८८

Ref. No.: SWPL/MKT/STP-0379
Date: 04th November 2017

Certificate of Commissioning Completion

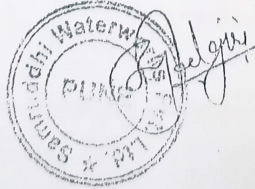
To Whomsoever It May Concern

This is to certify that **Samruddhi Waterworks Private Limited** has successfully completed the erection and commissioning of **150 KLD Sewage Treatment Plant** for Project **Dr G D Pol Foundation**, at Sector 4, Kharghar, Navi Mumbai, Maharashtra 410 210 up to client's satisfaction as per following details.

- Supply of material/equipments completed on 12th November, 2016
- Installation & erection work completed on 12th December, 2016
- Hydro testing completed on 30th August, 2017
- Commissioning of plant completed on 3rd November, 2017

Director,

Samruddhi Waterworks Private Limited, Pune



Samruddhi Waterworks Private Limited
Shastri Complex, Near Pearl Tower, Gadital, Hadapsar,
411 028, India. Phone: +91 9665501466, 8482822288
Email: samruddhi.waterworks@gmail.com

Samruddhi

समृद्धी वॉटरवर्क्स प्रा. लि.
सी - २, शस्त्री कॉम्प्लेक्स, गाडीवाड हदपसर,
पुणे - ४११ ०२८ महाराष्ट्र, भारत
मो : +९१ ९६६५५०१४६६, ८४८२८२२८८

Ref. No.: SWPL/MKT/STP-0379
Date: 15th September 2017

Certificate of Erection Completion

To Whomsoever It May Concern

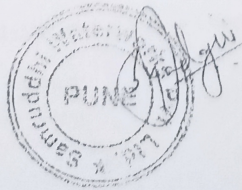
This is to certify that Samruddhi Waterworks Private Limited has successfully completed erection and hydrotesting of 150 KLD Sewage Treatment Plant for the Project Dr G D Pol Foundation, at Sector 4, Kharghar, Navi Mumbai, Maharashtra 410 210 up to client's satisfaction as per following details.

- Supply of material/equipments completed on 12th November, 2016.
- Installation & erection work completed on 12th December, 2016.
- Hydro testing completed on 30th August, 2017.

WARRANTY: The product warranty will be effective from the date of completion of Erection for the period up to 12 months i.e. from 12th December, 2016 to 11th December, 2017.

Director,

Samruddhi Waterworks Private Limited, Pune



Ref No. : SWPL/MKT/STP/4379

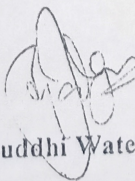
Date: 04th November, 2017

“ Dr G D Pol Foundation ”
SEWAGE TREATMENT PLANT

Plant Final Hand Over Certificate

This is to certify that *Dr G D Pol Foundation, Kharghar, Navi Mumbai 150 KLD STP MBBR Process* Supplied and Commissioned successfully by *Samruddhi Waterworks Private Limited* team and performing desired treatment results as per design agreements, has been handed over to *Dr G D Pol Foundation, Kharghar, Navi Mumbai* operation team.

This Certificate is issued accordingly.


For
Samruddhi Waterworks Private Limited



For
Dr G D Pol Foundation, Kharghar
Navi Mumbai

Samruddhi Waterworks Private Limited

2, Shatanand Complex, Near Pearl Tower, Gadital, Hadapsar,
Pune - 411 028, India Phone: +91 9665501466, 8482822288
Email: samruddhi.waterworks@gmail.com

Samruddhi

समृद्धी वॉटरवर्क्स प्रा. लि.

सी - २, शतानंद कॉम्प्लेक्स, गाडीताल हडपसर,
पुणे - ४११ ०२८, महाराष्ट्र, भारत
फोन : +९१ ९६६५५०१४६६, ८४८२८२२२८८

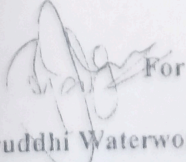
Date: 04th November, 2017

Ref No. : SWPL/MKT/STP-0379

“ Dr G D Pol Foundation ”
SEWAGE TREATMENT PLANT

Plant Final Hand Over Certificate

This is to certify that *Dr G D Pol Foundation, Kharghar, Navi Mumbai 150 KLD*
STP MBBR Process Supplied and Commissioned successfully by *Samruddhi*
Waterworks Private Limited team and performing desired treatment results as per
design agreements, has been handed over to *Dr G D Pol Foundation, Kharghar, Navi*
Mumbai operation team.
This Certificate is issued accordingly.

 For
Samruddhi Waterworks Private Limited



For
Dr G D Pol Foundation, Kharghar
Navi Mumbai

Effluent Treatment Plant certificate.

STERLING ENVIRO ENGINEERS & CONSULTANTS



Date : 27/05/2021

Ref : SEEC/ETP/CC/01

To,

M/s.Dr.G. D.Pol Foundation
Institutional Area,Sector 4,
Kharghar,Navi Mumbai-410210.

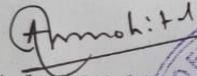
Kind Attn : Mr.Ishvar Jadhav -Stores Officer Central Store
Subject : Completion certificate for Effluent Treatment Plant .

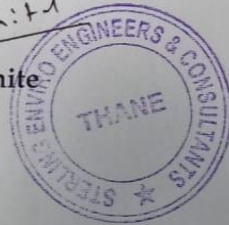
Dear Sir,

As per your work order Ref No. 177 dtd 25/01/2021 and our qtn. Ref. No.SEEC/EATP/Qtn/DGDPF /02 dtd 20/12/2019 , We have completed installation and commissioning of Effluent Treatment Plant on 24/05/2021. We have given the training for operation and maintenance of Effluent treatment plant to your staff .

Regards,

For **STERLING ENVIRO ENGINEERS & CONSULTANTS**


Mr.Ashok Mohite





Mumbai Waste Management Limited

Plot No. P-32, MIDC Talaja, Tal.Panvel,
Dist.Raigad,
Mumbai Maharashtra 410208 India
Mobile No: 8422877101 Email: bmwwml@resustainability.com



Unique Registration #: MWML/2023/01524



Registration Certificate



Outward #: MWML/2023/01524

Date: 12-05-2023

This is to certify that DR.G D POL FOUNDATION Y M T AYURVEDIC MEDICAL COLLEGE & CHARITABLE HOSPITAL PLOT NO-18 Sector - 4, Medical College, KHARGHAR Maharashtra 410210 India is registered with Mumbai Waste Management Limited with Membership No: **NVM-0120** for Management of Bio Medical Waste in accordance with, the provision of Bio Medical Waste Management Rules, 2016, as amended and in compliance with the provisions of CPCB guidelines.

- 1 **Authorized Person of HCE**
(Name of Designation) : **Dr Sarang Nalawade**
Medical Superintendent
- 2 **Bombay Nursing Home Act Registration Details**
 - a. BNH Registration Number : MH/PMC/H-174
 - b. BNH Issue Date : 05/06/2022
 - c. Total Number of Beds : 270
 - d. BNH Validity (Form "C") : 03/31/2025
- 3 **Common Treatment Facility Registration Detail**
 - a. Date of Registration : 12/23/2003
 - b. No. of Beds Registered : 270
 - c. Registration Validity : 03/31/2024
- 4 **Renewal of CTF Membership (if Applicable)**
 - a. Renewal Date : 03/30/2024
 - b. No. of Beds : 270
- 5 **MPCB Consent (Establish/1st Operate) Details**
 - a. Consent / CCA Number : FORMAT1.0/CAC/UAN NO 0000138018/CR/2303001812
 - b. Issue Date : 03/24/2023
 - c. Validity up to : 12/31/2025



Authorized Signature

Name: Somnath Malgar

Designation: Director

Note: HCE shall display copy of Registration Certificate at front desk and Temporary BMW storage area

UTTAR PRADESH POLLUTION CONTROL BOARD

TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226010

Ref. No : 5970/UPPCB/Meerut(UPPCBRO)/HWM/MEERUT/2018 Dated: 21/01/2019

To,

M/s R D RECYCLERS

Royal Enclave , Plot No. -29 , Hapur Road Meerut, MEERUT, 250002

Tehsil :Meerut

District :MEERUT

Sub :- Authorisation issued under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

1. Number of authorization and date of issue 5970 and 21/01/2019 .
2. Reference of application (No. and date) 3597401 and 26/11/2018 .
3. Mr RIYAZUDDIN MALIK of M/s R D RECYCLERS is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, utilization, storage and disposal or any other use of hazardous or other wastes or both on the premises situated at At the factory premises .

Details of Authorisation

S No.	Category of Hazardous Waste as per the Schedules I,II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing, etc.	Quantity(ton/annum)
1	Schedules I, serial no 31.1 Process residue and wastes 31.2 Spent etching chemicals and solvents and 9.1 Lead bearing residues 9.2 Lead ash or particulate from flue gas 9.3 Acid from used batteries	Through authorised TSDF	1.50 Mt/ Annum

1. The authorization shall be valid for a period of 14/01/2023 from the date of issue of this letter .
2. The authorization is subject to the following general and specific conditions (please specify any conditions that need to be imposed over and above general conditions, if any) .

A General Conditions of Authorization -

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under .
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Board .
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization .
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorisation .
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time .

6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and penalty .
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility .
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation .
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained .
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation .
11. The importer of exporter shall bear the cost of Import or export and mitigation of damages if any
12. An application for the renewal of an authorisation shall be made as laid down under these Rules .
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time .
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year .

B Specific Conditions of Authorization

1- The unit will deposit Rs.10,000/-(Rupees Ten Thousand only) as processing fees of application in compliance of Board's office order no. H18595/ C-2/ Sa.-346/07-18 dt 23/04/2018 and will submit the proof within a month otherwise this authorization will stand automatically cancelled. The copy of said office order is available on the website of UPPCB at URL http://www.uppcb.com/pdf/office_240418.pdf.

2- The wastes must be safely collected in leak proof containers and shall be duly marked in a manner suitable for handling, storage and transport and the packaging shall be easily visible and be able to withstand physical conditions and climatic factors. All hazardous waste containers/bags shall be provided with a general label as given in Form 8. The storage area should be at an isolated spot in the premises and must be fenced, covered and duly marked.

3- The authorized person/agency shall ensure that no adverse impact on the air, soil and water including groundwater takes place due to activities for which authorization has been requested. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.

4- It is brought to your notice that as per the order dated 14.11.2003 passed by the Hon'ble Supreme Court in W.P. (c) 657 of 1995, no industry covered under Hazardous Waste (Management and Handling) Rules, 1989 (as amended) shall be allowed to operate without valid authorisation. It is also provided in the same order that industries which are not complying with the conditions shall not be allowed to operate. Hence in case you fail to apply for authorisation before its expiry or fails to comply with conditions of the earlier authorisation issued to you, closure order shall be issued against your industry without any further notice.

5- The applicant must file returns on prescribed Form 4 along with a compliance report of this letter. You should also maintain records on Form-3 and present it to Board's inspecting officials.

6- In case of occurrence of an accident, complete details on Form-11 must be sent to U.P. Pollution Control Board at the earliest along with details of mitigative and remedial measures taken.

7- It is also the mandatory duty of the occupier of industry as well as operator of a facility to develop suitable waste treatment and disposal facility and the design of the facility must be approved by the Board. Details along with the project report must be sent in this regard within fifteen days of receipt of this letter, otherwise the industry shall become member of a common TSDF and the industry shall start sending the Hazardous waste already stored along with the Hazardous waste generated at present at this TSDF. The proof of valid membership of TSDF along with proof of disposal of hazardous waste to TSDF shall be sent to U.P. Pollution Control Board within three months.

8- The authorised person shall not receive, collect, or store any hazardous waste from any unauthorised occupier or generator of hazardous wastes. In case any hazardous wastes is sold to any other reprocessing unit it must be ensured that such unit is fully complying with environmental requirements and has a valid authorisation of the Board.

9- In no case any hazardous wastes shall be disposed off on land, in any drain or stream. All spillages of hazardous chemicals, used containers of hazardous chemicals such as flammable, corrosive, explosive and toxic nature must be safely collected and stored. Non-compatible wastes must be suitably and safely handled.

10- Proposal regarding waste minimization and reuse of wastes must be sent. Details of any recovery/ reuse system must be sent within two months.

11- It is within the powers and functions of the U.P. Pollution Control Board to suspend/ cancel the authorization issued under the Rule- 6(2) of The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

12- The stored waste shall not be taken out of the storage area except with the written permission of the State Pollution Control Board in this regard.

13- You are directed to display online data outside the main factory gate with regards to quantity and nature of hazardous chemicals being handled in the plant including waste water and air emissions and solid hazardous waste generated within the factory premises. Necessary compliance should be sent within fifteen days of receipt of this letter.

14- It is the mandatory duty of the authorised person to comply with the guideline for transportation of hazardous waste in accordance with Rule 18 of The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Guidelines in this regard have been issued by Central Pollution Control Board from time to time.

15- You are directed to provide the complete details regarding the quantity of hazardous waste stored in the factory premises within a month.

16- You are directed to provide all hazardous waste generated in the factory to any TSDF operating in the state for the treatment and disposal and send the compliance report to the U.P. Pollution Control Board at the earliest.

17- Status report of hazardous waste stored in premises available storage capacity and future action plan for permanent safe disposal of hazardous waste shall be submitted within one month. .

18- Ground water monitoring report of premises shall be submitted within one month.

19- Industry will follow the various provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

20- The authorised actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorisation.

(Authorized Signatory)

NISHI
KUMAR
CHAUHAN

Digitally signed by
NISHI KUMAR
CHAUHAN
Date: 2019.01.21
13:28:52 +05'30'

U.P. Pollution Control Board

CONSENT ORDER

Ref No. - 36881/UPPCB/Meerut(UPPCBRO)/CTO/air/MEERUT/2018

Dated : 12/11/2018

To ,

Shri RIYAZUDDIN MALIK
M/s R D CECYCLERS
ROYAL INCLAVE , PLOT NO. 29 HAPUR ROAD MEERUT,MEERUT,250001
MEERUT

Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended)
to M/s. R D CECYCLERS

Reference Application No. 3444719

Dated : 12/11/2018

1. With reference to the application for consent for emission of air pollutants from the plant of M/s R D CECYCLERS. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions .
2. This consent is valid for the period from 12/11/2018 to 31/12/2023 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Prevention and Control of Pollution) Act, 1981 as amended.
This consent is being issued with the permission of competent authority .

RAKESH Digitally signed
by RAKESH
KUMAR KUMAR TYAGI
Date: 2018.11.12
16:07:22 +05'30'
TYAGI
For and on behalf of U.P. Pollution Control Board

RO,UPPCB,MEERUT

Enclosed : As above
(condition of consent):

Copy to:

RAKESH Digitally signed
by RAKESH
KUMAR KUMAR TYAGI
Date: 2018.11.12
16:07:35 +05'30'
TYAGI
RO,UPPCB,MEERUT

U.P. Pollution Control Board

Dated : 12/11/2018

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of E Waste & Battery Scrap Trading Only-1000kg per day.
- 2(a). The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.

Air Pollution Source Details					
S.No	Air Pollution Source	Type of Fuel	Stack No.	Parameters	Height
1	DG SET - 15KVA	Diesal	01	Particulate Matter	AS PER NORMS

- 2(b). The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard
1	01	Particulate Matter	AS PER NORMS

3. Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
4. The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
5. The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
6. The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .
7. Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
8. The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitoring report should be submitted .

Specific Conditions:

- 1-No any Industrial effluent shall be discharged . Only domestic effluent shall be discharged through Septik Tank/Sockpit.
- 2-Solid Waste materials shall be disposed in proper manner so that water sources may not polluted.
- 3-Proper tree plantation should be done in the premises.
- 4-DG Set exhaust of 15KVA DG Set should be within limits prescribed by Board.
- 5-This CTO order is applicable only for E-waste and Old Battery, Segregation, Storage, Dismantling and Trading.
- 6-Ensure the Compliance of Directions by the Board time to time.
- 7-This CTO is only valid for M/s RD Recyclers, Khasra No 46, Village Shakherpur, Hapur Road, Meerut only.
- 8-Industry ensure that old battery scrap sell only authorized Recycler who have obtained valid consent and also ensure submit the agreement copy(with authorized Recycler) within 15 days in the office.
- 9-If any public complaints shall be received in this office against the industry and after inspection its prove then this CTO order may be treated as cancelled without any prior information.

Issued with the permission of competent authority .

RAKESH
KUMAR TYAGI
For and on behalf of U.P. Pollution Control Board .

Digitally signed by RAKESH
KUMAR TYAGI
Date: 2018.11.12 16:07:54
+05'30'



R.D. RECYCLERS

Royal Inclave, Plot No. 29
Hapur Road, Meerut (U.P.)
Mob. : 9999470052
9350319707

Ref. No.....

DR. G.D. POL FOUNDATION

Dated...19-12-2019.....

No	Computer SCARP LIST	Total	Per Price	Total Price
1	Monitor	46	150	6900
2	LCD Monitor	28	150	4200
3	SMPS White	94	35	3290
4	SMPS black	37	15	555
5	UPS	132	160	21120
6	Mother Board	70	105	7350
7	Full CPU	32	600	19200
8	Blank Cabinet	44	25	1100
9	Printer	25	150	3750
10	Printer Dameg	27	50	1350
11	Keyboard & Mouse	155	20	3100
12	HDD	20	30	600
13	UPS INVERTOR	1	2700	2700
14	WIRES load by load	1	1500	1500
		TOTAL		76715

Signature

G-148/A, Gall No. 11, G-Block, Bhagrathi Vihar, Johripur, Delhi-110094
Ph. : 011-65170052, Website : www.rdrecyclers.com ★ E-mail : info@rdrecyclers.com