



मंगलूर रिफाइनरी एण्ड पेट्रोकेमिकल्स लिमिटेड
MANGALORE REFINERY AND PETROCHEMICALS LIMITED

अनुसूची 'अ' के अंतर्गत भारत सरकार का उद्यम, SCHEDULE 'A' GOVT. OF INDIA ENTERPRISE.
(ऑयल एण्ड नेचुरल गैस कॉर्पोरेशन लिमिटेड की सहायक कंपनी, A SUBSIDIARY OF OIL AND NATURAL GAS CORPORATION LIMITED)
आई.एस.ओ. 9001, 14001 एवं 50001 प्रमाणित कंपनी, AN ISO 9001, 14001 AND 50001 CERTIFIED COMPANY.
सीआईएन/CIN : L23209KA1988GOI008959 / वेबसाइट Website : www.mrpl.co.in

L/MS/KSPCB/7550
June 27, 2024

The Environmental Officer
Karnataka State Pollution Control Board
Plot -10B Industrial Area, Baikampady,
Mangalore - 575 011

Dear Sir,

विषय Subject: Submission of HW Annual Returns (Form - 4) for MRPL Aromatic Complex for 2023-24

As per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, the annual returns for FY 2023-2024 are required to be submitted on or before 30/06/2024. We hereby submit the same as per statutory requirement, please find the enclosed Annual returns Form-4 for MRPL Aromatic Complex for the period of 01/04/2023 to 31/03/2024.

धन्यवाद Thanking you,

Regards,

M.S. Sudarsan
29.6.2024

M.S. Sudarsan

Chief General Manager (Health, Safety & Environment)

FORM 4

[See rules 6(5), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April, 2023 to March, 2024]

1. Name and address of facility:

Mangalore Refinery and Petrochemicals Limited (Aromatic Complex, erstwhile OMPL)

MSEZ Unit, Permude Village

Mangalore - 574 509

2. Authorisation No. and Date of issue:

335568 dated 17/01/23

3. Name of the authorised person and full address with telephone, fax number and e-mail:

Shri Mundkur Shyam Prasad Kamath, Managing Director

Occupier – Mangalore Refinery and Petrochemicals Limited (Aromatic Complex)

MSEZ, Permude , Mangalore-574 509

Tel: 0824-2882003, Fax: 0824-2872016 & e-mail: directorrefinery@mrpl.co.in

4. Production during the year (product wise), wherever applicable

Sl. No.	Product	Quantity (MT)
1	Paraxylene (Product)	18,821
2	Benzene (Co-product)	130,940
3	Reformate(Intermediate)	8,30,875

Part A. To be filled by hazardous waste generators**1. Total quantity of waste generated category wise**

Sl. No.	Waste Category	Hazardous Waste	Quantity Generated (Approx.) (MT)
1	4.5	Spent Clay	72.79
2	33.1	Empty barrels/ Containers	11
3	1.1	Furnace/ reactor residue & Debris	17.1
4	20.2	Spent Solvent	74.1
5	5.2	Wastes or residues containing oil	0.55
6	1.6/ 4.2	Spent catalyst	63.42
7	35.3	Chemical Sludge	19.795

Note:- *Hazardous wastes Waste Category 20.2 Spent Solvent have been generated in excess over authorized quantity and the letter is submitted to KSPCB (Please refer Annexure- 1 for details)

*Closing stock of used oil as on 31.03.2023 was over estimated, actual quantity stored was 4.235 MT. Entire quantity of used oil stored in the complex was disposed in FY-2023-24.

2. Quantity dispatched

(i) to disposal facility

NIL

(ii) to recycler or co-processors or pre-processor

Sl. No.	Description	UOM	Quantity Disposed	Vendor
1	Spent Clay (4.5)	MT	227.185	M/s ACC Cement
2	Used oil	MT	4.235	M/s Balaji Refinery
3	Empty barrels/ Containers	MT	17.845	M/s. Karnataka Traders
4	Spent ion Exchange resin containing Toxic metals (& spent activated carbon inclusive)	MT	4.96	M/s ACC Cement
5	Furnace Reactor Residue/Debris (1.1)	MT	44.3	M/s Shree Cement Ltd
6	Spent Solvent (20.2)	MT	143	M/s Shree Cement Ltd
7	Waste and residue containing oil(5.2)	MT	0.815	M/s ACC Cement
8	Spent Catalyst (4.2 /1.6)	MT	242.505	179.99 MT to M/s Shree Cement Ltd & 62.515 MT to M/s Rubamin
9	Chemical Sludge	MT	54.295	34.325 MT to M/s ACC Cement & 19.97 MT to Jonas Petro Product Pvt Ltd.

*Note- 4.84 MT of Activated Carbon reused in the process.
11.3 MT of Spent Catalyst reused in the process.

(iii) others

3. Quantity utilised in-house, if any –

(i) Quantity in storage at the end of the year March, 2024

Sl. No.	Waste Category	Hazardous Waste	Quantity (MT) (Approx.)
1	4.2/ 1.6	Spent Catalyst	74.7 MT
2	33.1	Empty barrels/ Containers	3.26 MT

Part B. To be filled by Treatment, storage and disposal facility operators:- NA

1. Total quantity received -
2. Quantity in stock at the beginning of the year -
3. Quantity treated –
4. Quantity disposed in landfills as such and after treatment –
5. Quantity incinerated (if applicable) -
6. Quantity processed other than specified above -
7. Quantity in storage at the end of the year --

Part C. To be filled by recyclers or co-processors or other users:- NA

1. Quantity of waste received during the year –

AD

315

- (i) domestic sources
- (ii) imported (if applicable)
- 2. Quantity in stock at the beginning of the year -
- 3. Quantity recycled or co-processed or used –
- 4. Quantity of products dispatched (wherever applicable) –
- 5. Quantity of waste generated -
- 6. Quantity of waste disposed -
- 7. Quantity re-exported (wherever applicable)-
- 8. Quantity in storage at the end of the year –

Date:- 26-06-2024

Place:- Mangalore

M S Sudarshan
29.6.24.
Signature of the Occupier or
Operator of the disposal facility



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मंगलूर रिफाइनरी एण्ड पेट्रोकेमिकल्स लिमिटेड
MANGALORE REFINERY AND PETROCHEMICALS LIMITED

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L/MS/ARC/KSPCB/7225
June 20, 2023

The Environmental Officer,
Karnataka State Pollution Control Board
Plot -10B KIADB Industrial Area Bankampady,
Mangalore - 575 011

RECEIVED
KARNATAKA STATE POLLUTION CONTROL BOARD
MANGALORE
20-6-23

Dear Sir,

विषय Sub: - One time permission for storage & disposal of Hazardous Waste Spent solvent as per HWM, Rules 2016

This is to bring to your kind notice about the increase in the generation of following Hazardous waste over the Authorized quantity, during the course of extensive maintenance activity in 2022 & 2023 till date. The quantities and the reason for exceedance over the authorized quantities are summarized as per the Table Below.

Sl. No	Category of waste	Hazardous Waste	Authorized Quantity (MT/A)	Generation over Authorized quantity for which permission is sought (MT)	Reason for increased generation
1	20.2	Spent Solvent	8	60.9 MT in 2022-23 65 MT in 2023-24 so far	Quantity exceedance over the authorized limit due to degradation of sulfolane solvent and subsequent maintenance of sulfolane limit

As explained above, spent solvent exceeded the limit due to degradation of solvent and subsequent Maintenance activities in the plant. The above cited waste will be disposed to Co-processing Cement Industry.

MRPL Aromatic Complex assures to sincerely abide by the Hazardous Waste Rules for Storage, Disposal of hazardous wastes on sustained basis and comply to the timeline there in. Request for your kind needful as one time measure and to comply with disposal requirements

धन्यवाद Thanking you,

Yours sincerely.

For Mangalore Refinery & Petrochemicals Limited.

M.S. Sudarsan
20-6-23
M.S. Sudarsan
Chief General Manager (Health, Safety & Environment)