

Chettinad Cement/Ariyalur/ HW & OW - Annual Returns / Form 4 / 2021-22

15<sup>th</sup> June, 2022 (12/20)

O/o. District Environmental Engineer,  
Tamil Nadu Pollution Control Board,  
No.4/326, Trichy main road,  
Nearby RTO office, Keelapalur Post,  
Ariyalur District – 621 707.

Sir,

**Sub:** Submission of Annual Return in Form 4 under Hazardous and Other Wastes (Management, Handling and Transboundary Movement) Rules, 2016 for the year 2021-2022 Chettinad Cement Corporation Private Limited, Ariyalur Works, Cement Plant & Captive Power Plant – Reg.

**Ref:** HW Authorization Order No. 18HFC9598326 dated 28<sup>th</sup> Nov, 2018

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We submit herewith the Annual Return in the prescribed format (Form 4) under the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016, pertaining to Cement Plant & Captive Power Plant of Chettinad Cement Corporation Private Limited (Ariyalur Works), located at Keelapalur village, Ariyalur Taluk, Ariyalur District, Tamilnadu for the year 2021-2022.

Thanking you,

Yours faithfully,  
for Chettinad Cement Corporation Private Limited,



A. Amalraj  
Joint President [Works]



Copy to: 1. Member Secretary, TNPCB, Chennai  
2. JCEE (M), TNPCB, Trichy

**Chettinad Cement Corporation Private Limited**

Ariyalur Trichy Road, Keelapalur Post,  
Ariyalur Dist - 621707, Tamilnadu, India.

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Regd. Office : Chettinad Towers,  
603, Anna Salai, Chennai - 600 006.

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**Part A. To be filled by Hazardous Waste Generators**

| 1. | Total quantity of waste generated category wise   | S.No  | Name of the Hazardous Waste | HW Category | Quantity of HW Generated for the year 2021 -2022 |             |
|----|---|---|-----------------------------|-------------|--|-------------|
|    |   |   |                             |             | Cement Plant                                     | Power Plant |
|    |   | 1.  | Used or Spent oil           | 5.1         | 0.0 KL   | 0.0 KL      |
| 2. | Quantity dispatched<br><br>(i) To disposal facility<br><br>(ii) To recycler or co-Processors or pre-processor<br><br>(iii) Others | Not Applicable<br><br>0.0 KL . We do not have used oil, because oil used for lubrication purpose for the crusher & reclaimer chains.<br><br>NIL   |                             |             |  |             |
| 3. | Quantity utilised in-house, if any  | NIL   |                             |             |  |             |
| 4. | Quantity in storage at the end of the year  | Opening Stock as on 01.04.2021 : 0.0 KL<br>Quantity Generated during 2021-22 : 0.0 KL<br>Quantity disposed to authorized agency 2021-22 : 0.0 KL<br>Closing stock as on 31.03.2022 : 0.0 KL |                             |             |  |             |

**Part B. To be filled by Treatment, Storage and Disposal Facility Operators**

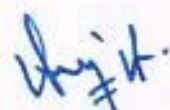
|    |  |   |
|----|--|---|
| 1. | Total quantity received                                    | Not applicable as no Hazardous Waste has been received for treatment/storage/disposal |
| 2. | Quantity in stock at the beginning of the year             | Not applicable as no Hazardous Waste has been received for treatment/storage/disposal |
| 3. | Quantity treated   | Not applicable as no Hazardous Waste has been received for treatment/storage/disposal |
| 4. | Quantity disposed in landfills as such and after treatment | Not applicable as no Hazardous Waste has been received for treatment/storage/disposal |
| 5. | Quantity incinerated (if applicable)                       | Not applicable as no Hazardous Waste has been received for treatment/storage/disposal |
| 6. | Quantity processed other than specified above              | NIL   |
| 7. | Quantity in storage at the end of the year                 | NIL   |

**Part C. To be filled by Recyclers or Co-processors or Other Users**

| 1                    | Quantity of waste received during the year 2021-22      | S.No.                         | Name of Hazardous & Other Wastes                        | HW Category | Quantity (Dry Basis) received during 2021-22 in tons |             |  |
|----------------------|---|-------------------------------|---|-------------|--|-------------|--|
| (i) Domestic sources |   | <b>A</b>                      | <b>Hazardous Wastes</b>                                 |             |  |             |  |
|                      |   | 1                             | ETP Sludge  | 35.3        | 4519.662   |             |  |
|                      |   | 2                             | GEPIL Solid waste Mix                                   | 37.3        | 55.921   |             |  |
|                      |   | 3                             | Spent Carbon  | 28.3        | 0  |             |  |
|                      |   | 4                             | Wastes & Residues                                       | 23.1        | 415.020  |             |  |
|                      |   | 5                             | Paint Sludge  | 21.1        | 16.539   |             |  |
|                      |   | 6                             | Waste Containing Oil                                    | 5.2         | 65.325   |             |  |
|                      |   |                               | <b>Total</b>  |             | <b>5072.467</b>                                      |             |  |
|                      |   | <b>B</b>                      | <b>Other Wastes</b>                                     |             |  |             |  |
|                      |   | 1                             | MSW, Colony RDF & Plastic Wastes from ULBs              |             | 308.627  |             |  |
|                      |   | 2                             | Non Hazardous wastes [Emery sheet wastes & Paper waste] |             | 569.490  |             |  |
|                      |   | (ii) Imported (if applicable) | Not Applicable  |             |  |             |  |
|                      |   | 2                             | Quantity in stock at the beginning of the year          | S.No.       | Name of Hazardous & Other Wastes                     | HW Category | Opening Stock (Dry Basis) as on 01.04.2021 in tons       |
|                      |   | <b>A</b>                      | <b>Hazardous Wastes</b>                                 |             |  |             |  |
|                      |   | 1                             | ETP Sludge  | 35.3        | 32.187   |             |  |
|                      |   | 2                             | GEPIL Solid waste Mix                                   | 37.3        | 27.150   |             |  |
|                      |   | 3                             | Spent Carbon  | 28.3        | 10.760   |             |  |
|                      |   | 4                             | Wastes & Residues                                       | 23.1        | 21.640   |             |  |
|                      |   | 5                             | Paint Sludge  | 21.1        | 0.0  |             |  |
|                      |   | 6                             | Waste Containing Oil                                    | 5.2         | 0.0  |             |  |
|                      |   |                               | <b>Total</b>  |             | <b>91.737</b>  |             |  |
|                      |   | <b>B</b>                      | <b>Other Wastes</b>                                     |             |  |             |  |
|                      |   | 1                             | MSW, Colony RDF & Plastic Wastes from ULBs              |             | 8.360  |             |  |
|                      |   | 2                             | Non Hazardous wastes [Emery sheet wastes & Paper waste] |             | 0.000  |             |  |
|                      |   | 3                             | Quantity recycled or co-processed or used               | S.No.       | Name of Hazardous & Other Wastes                     | HW Category | Quantity (Dry Basis) Co-processed during 2021-22 in tons |
|                      |   |                               |   | <b>A</b>    | <b>Hazardous Wastes</b>                              |             |  |
| 1                    | ETP Sludge  |                               |   | 35.3        | 4262.836   |             |  |
| 2                    | GEPIL Solid waste Mix                                   |                               |   | 37.3        | 70.685   |             |  |
| 3                    | Spent Carbon  |                               |   | 28.3        | 10.760   |             |  |
| 4                    | Wastes & Residues                                       |                               |   | 23.1        | 420.050  |             |  |
| 5                    | Paint Sludge  |                               |   | 21.1        | 9.139  |             |  |
| 6                    | Waste Containing Oil                                    |                               |   | 5.2         | 55.318   |             |  |
|                      | <b>Total</b>  |                               |   |             | <b>4831.788</b>                                      |             |  |
| <b>B</b>             | <b>Other Wastes</b>                                     |                               |   |             |  |             |  |
| 1                    | MSW, Colony RDF & Plastic Wastes from ULBs              |                               |   |             | 315.267  |             |  |
| 2                    | Non Hazardous wastes [Emery sheet wastes & Paper waste] |                               |   |             | 535.940  |             |  |

|   |   |          |  |              |  |
|---|---|----------|--|--------------|--|
| 4 | Quantity products dispatched (wherever applicable)      | NIL      |  |              |  |
| 5 | Quantity of waste generated                             | NIL      |  |              |  |
| 6 | Quantity of waste disposed                              | NIL      |  |              |  |
| 7 | Quantity re-exported (wherever applicable)              | NIL      |  |              |  |
| 8 | Quantity in storage at the end of the year              | S.No     | Name of Hazardous & Other Wastes           | HW Category  | Closing Stock (Dry Basis) as on 31.03.2022 in tons |
|   |   | <b>A</b> | <b>Hazardous Wastes</b>                    |              |  |
|   |   | 1        | ETP Sludge                                 | 35.3         | 289.015  |
|   |   | 2        | GEPIL Solid waste Mix                      | 37.3         | 9.386  |
|   |   | 3        | Spent Carbon                               | 28.3         | 0.0  |
|   |   | 4        | Wastes & Residues                          | 23.1         | 16.100   |
|   |   | 5        | Paint Sludge                               | 21.1         | 7.40   |
|   |   | 6        | Waste Containing Oil                       | 5.2          | 6.607  |
|   |   |          |  | <b>Total</b> | <b>328.508</b>                                     |
|   |   | <b>B</b> | <b>Other Wastes</b>                        |              |  |
|   |   | 1        | MSW, Colony RDF & Plastic Wastes from ULBs |              | 1.720  |
| 2 | Non Hazardous wastes [Emery sheet wastes & Paper waste] |          | 33.549                                     |              |  |

Date : 15<sup>th</sup> June, 2022  
Place : Keelapalur



Signature of the Occupier or Operator the Disposal Facility  
A. Amalraj,  
Joint President [Works]