

MADURAI MUNICIPAL CORPORATION
MADURAI - 625002.
GUIDELINES FOR CONSTRUCTION AND DEMOLITION WASTE
MANAGEMENT

In exercise of the powers vested under section 3,6 and 25 of the Environment (Protection) Act, 1986 (Central Act 29 of 1986), this Central Government have made the Solid Waste Management rules, 2016 to regulate the Management of Construction & Demolition Waste. The Construction & Demolition Waste Management rules, 2016 shall apply to every Municipal authority which shall, within their territorial area be responsible for the implementation of the provisions of these rules, and for any infrastructure development for collection, storage, segregation, transportation, processing and disposal of Construction & Demolition Waste.

In exercise of the powers conferred under section 199 of TNULB ACT 2023 and the Construction & Demolition Waste Management rules, 2016 and in order to ensure effective Construction & Demolition Waste Management in the Corporation of Madurai, Thereby the Construction and demolition waste management Guidelines 2025 are drafted.

WHEREAS, the Construction & Demolition Waste Management Rules 2016, specify that Construction and Demolition Waste or Debris shall be separately collected and disposed off. Consequently, the following guidelines are issued.

01. Definitions:- In these Guidelines unless the context, otherwise requires:

(a) Construction and Demolition Waste

C&D waste means, wastes from building materials, debris and rubble resulting from construction, re-modeling, repair and demolition operation. It excludes steel, aluminum, wood and other components currently being salvaged for reuse or re-cycling.

(b) Construction/Demolition Waste Collection Centers

C&D waste Site means, a site designated by MCC for each zone, fulfilling the request parameters.

(c) Debris and Rubbish(Inerts): Includes dust, road sweepings, drain silt, ashes, broken bricks, mortar, broken glass, Construction and Demolition Waste and similar siliceous non-compostable and non-combustible waste but does not include non-recyclable wastes and rejects and hazardous wastes, such as (explosive and related products, fuels and heating oil, chemical admixtures, transformers, Tar and Tar products etc) and those indicatively listed in **Annexure-2**.

(d) Demolition: means dismantling, razing, destroying or wrecking of a building or structure or any part thereof by any means.

- (e) **Dismantling:** means reverse construction so as to obtain segregated types of C and D waste which will facilitate its reuse or recycling and shall be invariably practiced when bringing down or removing part or all of an existing structure.
- (f) **Empanelled Vendor:** means a party approved by MCC after scrutiny and listed on its website as eligible to transport and/or process and/or recycles Construction and Demolition waste and Debris from an occupier's site to a MMC specified destination as in **Annexure 1** and may include the lorry owners register in MMC for transporting Construction & Demolition waste mentioned in MMC website.
- (g) **Occupiers:** includes builder/developer or any person for the time being owning or occupying any site, constructed portion or paying or liable to pay to the owner, the rent or any portion of the rent of any vacant land or building or part of the same or a party defined as Occupier in any building contractor - Joint Development Agreement.
- (h) **Waste Generator:** is defined by the C&D Rules as any person or association of persons or instructs residential and commercial establishments including Indian railways, airport, who undertakes construction or demolition of any civil structure which generate C&D Waste. For this purpose "waste generators" shall be divided into four types and the definition for different types of waste generators are follows.
- i. **Micro generators:** The small generation who occasionally generate C&D Waste less than 1 MT from minor house repairs, broken ceramic sanitary ware like tiles, bathtubs, commodes, washbasins etc. may dump in the locations specified in **Annexure 1** other wise inform to MMC toll free number 7871661787 to get service.
 - ii. **Small Generators:** Those that generate C&D waste during building renovation, remodeling or repairer maintenance works etc. where the total amount of C&D Waste generated in the entire project is more than 1 MT and less than 20 MT per day. May dump in the location as in **Annexure 1**. It is clarified that if the project generates (a) an aggregate of 300 MT of C&D Waste per month and/or (b) pertains to demolition work covering an area equal to or more than 600 square meters, and/or (c) construction or building repair work covering an area equal to or more than of 6000 square meters, the waste generator will not be considered as a "Small Generator" and will have to comply with the requirements of a "Bulk waste generator"
 - iii. **Bulk waste generators:** Waste generators who generate (a) 20 MT or more in one day or 300 MT per project in a month as identified separately in the C&D Rules and/or (b) demolition work covering an area equal to or more than 600 square meters, and/or (C) construction or building repair

work covering an area equal to or more than 6000 square metres. They shall dispose the C&D waste at the location as in **Annexure 1**.

iv. Service Providers: They are defined as authorities who provide services like water, sewerage, electricity, telephone, roads, drainage etc. who often generate C&D Waste during their activities, which include excavation, demolition and civil work. For Madurai Municipal Corporation, the following and their subsidiary organizations shall be indicatively considered as "Service Providers":

- Public Works Department (PWD) and Central Public Works Department (CPWD)
- National Highways Authority of India (NHAI)
- Airport Authority of India, Madurai (AAI, Madurai)
- Indian Railways
- TWAD
- WRD
- Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO)
- Tamil Nadu Road Development Corporation (TNRDC)
- Tamil Nadu Electricity Board (TNEB)
- Tamil Nadu Urban Habitat Development Board (TNUHDB)

It is highlighted that MMC can introduce additional categories of waste generators for better management of C&D Waste if they deem fit.

02. No wastes of any kind shall be deposited at any time by occupiers on streets/besides the streets, pavements, drains, public spaces or vacant sites, or any location which will lead to nuisance to the public.
03. No waste of any kind shall be deposited at any time in any low-lying areas other than Vellakal Dump yard notified by MCC as processing sites as it would affect movement of surface water, ground water recharge. Violations will attract fines as specified from time to time.
04. The respective occupiers/owners/developers of a construction project shall be solely responsible for removal/transport/disposal of their C and D waste.
05. For occupiers generating small quantities of C and D waste and debris during repair or minor renovation the occupiers shall keep all types of C and D wastes, inerts and debris within their own premises until arranged so by the occupier for collection by their own or by MMC authorized Construction and Demolition waste transporters or empanelled vendors or lorry owners authorized by MMC to collect Construction & Demolition waste from door steps. The occupiers can contact MMC's website for hiring services of the Construction and Demolition waste transporters or empanelled vendors or the MMC authorized Concessionaires and to

pay necessary collection and transportation charges to transporters and pay for processing fee as given in **Annexure – 4** to Madurai Municipal Corporation.

06. All generators shall not mix such Construction and Demolition wastes, inerts and debris with any other category of waste like wet waste, recyclable waste or any other types of wastes such as MSW, Plastic, Packaging material, gypsum, etc.
07. All hazardous wastes (explosive and related products fuels and heating oil, chemical admixtures, transformers Tar and Tar products etc) like those indicated in **Annexure - 2** shall not be mixed with C and D waste but sent separately to TNPCB authorized recyclers or to hazardous waste disposal sites at their own cost and furnish proof of compliance whenever demanded.
08. Inert (especially Construction and Demolition waste) lying un-transported for 7 days(for small and bulk waste generators) or after the completion of work (for micro-generators) will be removed by the MMC and the cost of such removal will be collected with penalty, as indicated in **Annexure – 6** from the owner/ occupier of the site by the respective ward Engineers.
09. The matters concerning roles and responsibilities of MMC are provided in **Annexure – 3**
10. Non compliance of getting Constructions and Demolition Waste Management plan and payment of user charges will attract the penalties as per **Annexure – 5**.
11. It is Inevitable to penalize those who generate Construction and Demolition waste who do not comply with the one mentioned frame work as per **Annexure – 6**.

ANNEXURE —1

**LIST OF APPROVED CONSTRUCTION& DEMOLITIONWASTE
MANAGEMENT SITES DESIGNATED BYMMCFOR PROCESSING**

Name of the Facility & Address	Zones covered
Construction and Demolition waste processing facility, Vellakal Dumping Ground	Zones 1 to 100

ANNEXURE - 2

**COMMON MATERIALS THAT ARE FOUND AT CONSTRUCTION SITE FOR
PREPARING PLAN FOR CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT
(Hazardous)**

Sl.No	Stage	Materials
1	Excavation & foundation works, super structures	Explosives and related products and equipment used in excavations
2		Fuels and heating oil and other volatile/flammable liquids, such as coolants and Grease
3		Pesticides
4		Chemical admixtures, sealants, adhesives, solvents
5		Plastics, acrylics, silica and PC
6		Electronic ballasts, PCBs, transformers, capacitors, switch gears, lead cable, and oil filled/gel-filled cables
7		Tar and tar products (bitumen, felt and water proofing compounds)
		Centering oil and form work oil
9		Asbestos products- insulations, tiles
10		Product packaging (cement bags, cartons, containers & plastic covers)
11	Finishing & interiors	Tarpaulin
12		Compressed gases/cylinders
13		Batteries
14		Wood dust
15		Paints, pigments, dyes and primers
16		Mercury containing lamps and tubes: fluorescent lamps intact and crushed, halogen lamps, arc lamps, UV lamps, high pressure sodium lamps,mercury vapour lamps, neon lamps, and incandescent lams
17		Mercury containing devices, relays, regulators, thermostats,thermometers, manometers, and debris containing mercury

Annexure – 3

ROLES AND RESPONSIBILITIES OF MMC

- ✓ Awareness programs to be initiated for the public, which will mainly focus on spreading information about the construction waste management practices & guidelines.
- ✓ A user friendly customer service helpline (toll free number) will be created exclusively for this program.
- ✓ Helpline will be operational in one central location in Madurai.
- ✓ Once call lands in the helpline, the intimation will be given to the respective zonal office of MMC.
- ✓ The MMC authorities will in turn send the vehicles to pick up the wastes from multiple locations in one go.
- ✓ After pick up, disposal of the waste in the designated debris disposal area will be carried out.
- ✓ Once disposal is completed, MMC authority will report back to the call centre location who will in turn record the completion of work.

ANNEXURE –4

ILLUSTRATIVE RATES FOR SERVICE CHARGES

Part I – Service Charges payable by Waste Generators except Bulk waste Generators

S.No	Type of Waste Generators (excluding bulk waste generators)	Service charges in INR
1.	For collection and Transportation of C&D waste	1. Upto 1000 kg – free of cost 2. Rs. 2500.00 per 1MT (above 1MT and less than 20 MT)

* These rates are indicative and, in the event, the MMC wants to change the Service fee from the above-mentioned rates due to any reason, it should cover the following costs for the MMC and /or private service provider on an aggregate basis:

1. Loading of C&D waste (manpower and equipment such as JCB) and Transportation costs from waste generation point to C&D waste collection centres / waste processing facilities (i.e fuel, maintenance costs of the vehicles and manpower) @ Rs.2500/- per MT
 2. Costs of processing C&D Waste at the processing facilities @ Rs.800/- per MT
- MMC will prescribe separate service charges fees for different C&D Waste management activities whenever new technologies are implemented. All payment gates will be available in MMC website.

PART II - Bulk Waste Generators deliver their waste :

Bulk Waste Generators transport their Construction and Demolition waste on their own cost and delivered to processing centre as listed in **Annexure – 1**

1. Costs of processing C&D Waste at the processing facilities @Rs.800/MT

ANNEXURE –5

SCHEDULE – IV

PENALTIES (see Solid Waste Management Bye-law 2019 5.1 & 8)

Sl.No	Sub Section / Details of Section Rules	Penalty Amount (Rs.)
1	Unauthorized dumping of Construction and Demolition waste in all public places	Rs.5000.00

ANNEXURE – 6

ILLUSTRATIVE PENALTIES FOR NON-COMPLIANCE

Sl.No	Offence	Bulk Generator/Service provider/Transporter (INR)	Small Waste Generator (in INR)	Collection & Transportation service provider (in INR)
1.	Dumping of Construction and demolition waste in storm water drains, open spaces and other non-designated areas	5000 per ton of C&D waste dumped	3000 per ton of C&D waste dumped	3000 per ton of C&D waste dumped. In addition, the MMC, through appropriate authorities, can impound the vehicle which will be released upon compounding of offences and payment of fines
2	Non-Compliance of the conditions of the waste management plan	i/e. 25,000 per day of default if (a) Construction or repair work is upto 6000 square metres and /or (b) demolition is upto 600 square metres	N.A	N.A