Online Hazardous Waste Manifest Application

For

Tamil Nadu Pollution Control Board

User Manual

Centre for Good Governance		E-Gov – 001 V1.0
User Manual	CENTRE FOR GOOD GOVERNANCE Knowledge ● Technology ● People	Tamil Nadu State Pollution Control Board

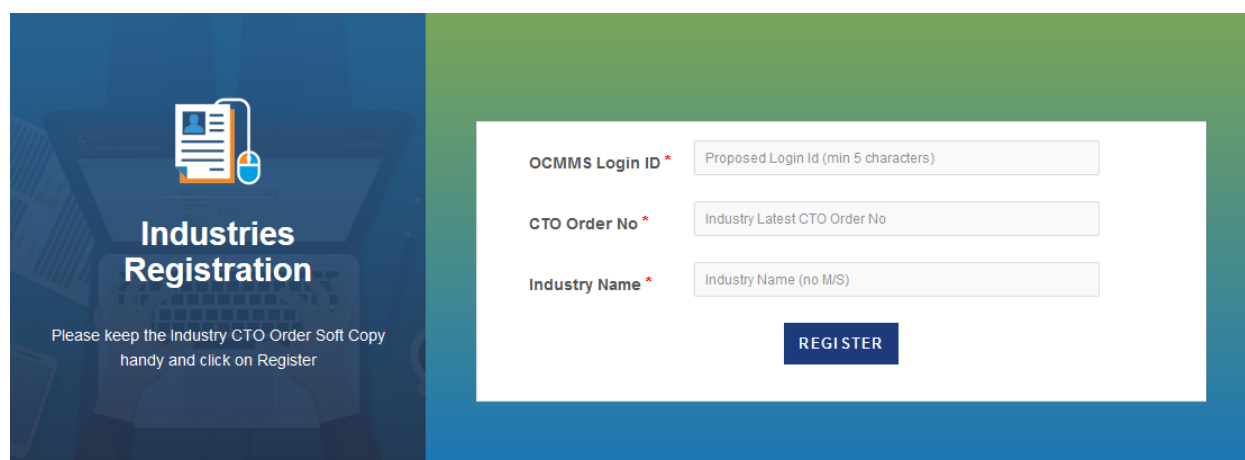# Table of Contents

1. Industry Registration

URL: http://tnpcbtest.cgg.gov.in/
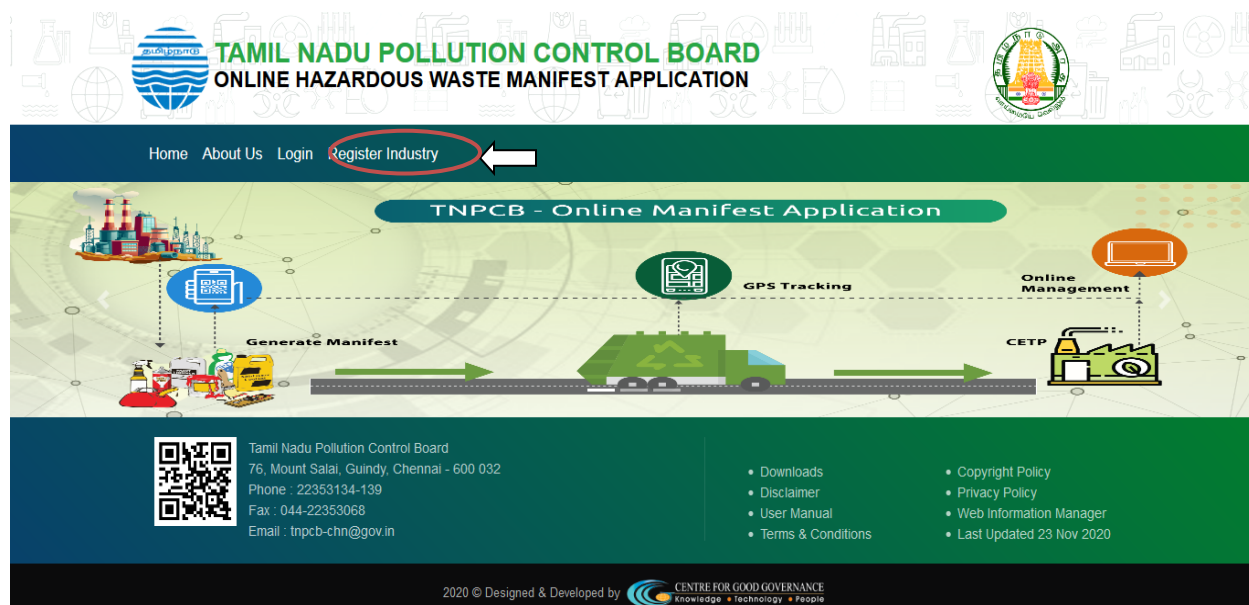
Go to navigation menu click on Register Industry as shown in figure above.

Step 1:

Enter OCMMS Login ID (as given by TNPCB), CTO Order No. and Industry Name (without M/S)

Note: If an industry already exists with that login id then a message shown as "Industry with same Login ID exists and is active".

Click on Register Button.

Step 2: Industry details

Enter Basic Industry details like District office, Industry category, type, Industry address, Corresponding Address, Authorized Person name, Designation, Mobile No, Email ID, Tamil Nadu Region Longitude and Latitude.

Based on District Office selection, That Industry should approve or reject by respective DEE.
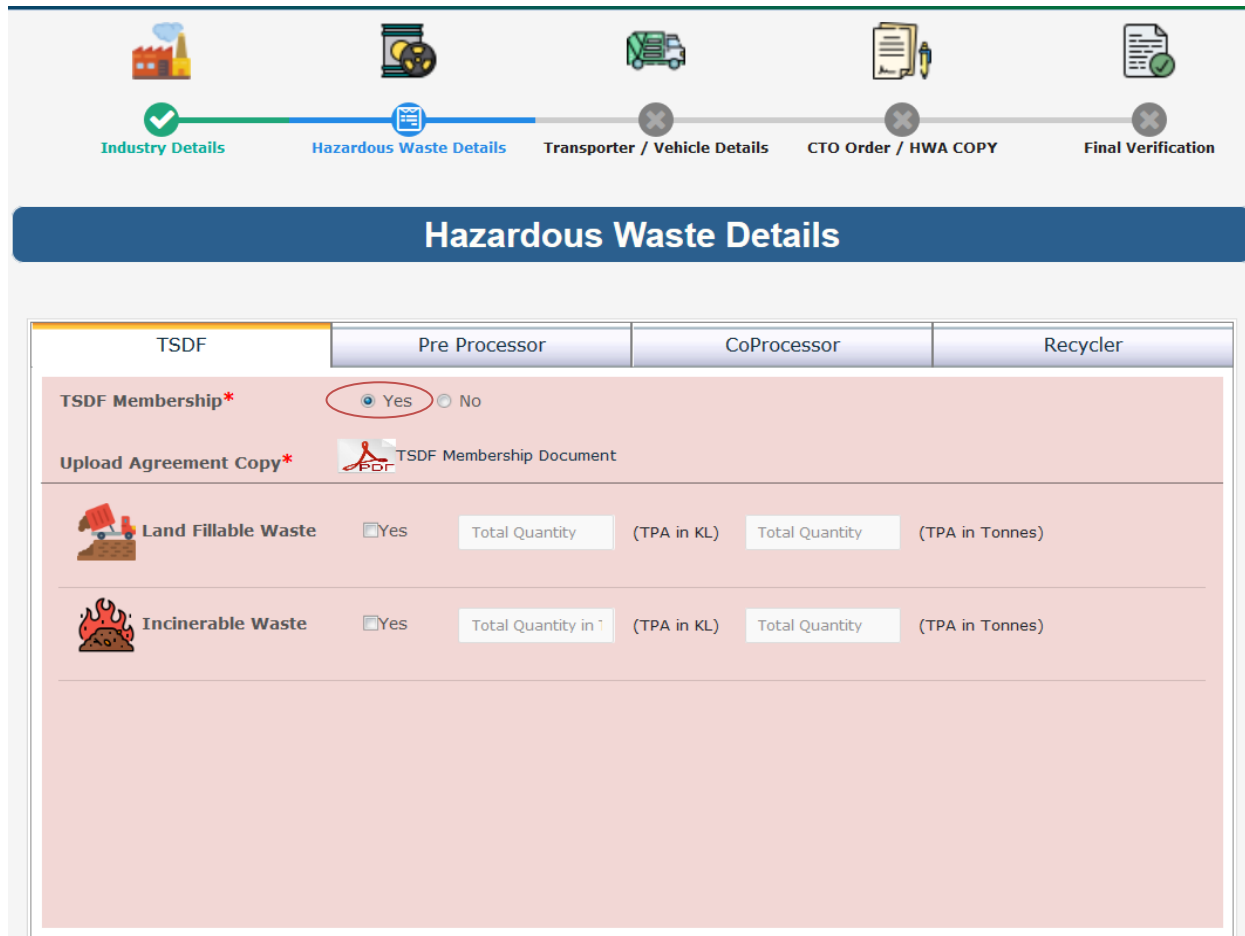
Please enter valid e-mail ID and Mobile number, Industry will receive e-mail notification for activation.

Note: All the fields are mandatory.

Click on Next button

Step 3: Hazardous Waste Details

If TSDF membership is available then select "Yes" otherwise select "No".

If selected "Yes" then upload TSDF Agreement copy and allowed only PDF format and file size is less than 5MB.

If Land fillable waste is available then click on check box "Yes".

Please enter the Land fillable waste details.

- ➢ Process details
- ➢ Stream
- ➢ Name of Hazardous Waste
- ➢ Permitted Qty/Annum
- ➢ Waste Type
- ➢ Disposal Option

Add Land Fillable Waste Details

Process details *	1. Petrochemical processes and pyrolytic operati
Stream *	1.1 Furnace or reactor residue and debris
Name of Hazardous Waste *	Petrochemical Waste
Permitted Qty/Annum *	100 Tonnes
Waste Type *	Semi-Solid
Disposal Option *	YES

ADD   CANCEL

Based on process details stream data will be displayed.

Enter Hazardous name as per TNPCB norms.

Enter permitted Qty/Annum and select unit (KL/Tonnes)

For Land fillable waste details, waste type must be solid.

Select Disposal option Yes or No.

By clicking on Add button, the Data will be added in the Land Fillable Waste as shown below.

TSDF Membership*	⦿ Yes ◯ No
Upload Agreement Copy*	📄 TSDF Membership Document
🚚 Land Fillable Waste	☑Yes Total Quantity (TPA in KL) 100 (TPA in Tonnes)

S.No	Process	Stream	Name of Hazardous Waste	Permitted Qty/Annum	Waste Type	Disposal Option	
1	1. Petrochemical processes and pyrolytic operations	1.1 Furnace or reactor residue and debris	Petrochemical Waste	100Tonnes	Semi-Solid	YES	🗑

ADD NEW ROW

Click on add new row button to add more waste details.

Add Incinerable Waste Details

Process details *	3. Cleaning emptying and maintenance of p ▼
Stream *	3.1 Cargo residue, washing water and sludg ▼
Name of Hazardous Waste *	123456
Permitted Qty/Annum *	300 KL ▼
Waste Type *	Liquid ▼
Waste Description *	LTDS ▼
Disposal Option *	YES ▼

ADD   CANCEL

Note: for waste type liquid, waste description must be select LTDS/HTDS.

Similarly the same will be applicable to waste categories below.

- ➢ TSDF
  - • Land Fillable Waste
  - • Incinerable Waste

- ➢ Pre-Processor
  - • Incinerable Waste
  - • Utilizable Waste

- ➢ Co-Processor
  - • Incinerable Waste
  - • Utilizable Waste

- ➢ Recycler
  - • Recyclable Waste

If user wants to delete the data he can click on delete icon & to add records click on Add new row Button.

Step 4: Transporter / Vehicle Details

If transporter is available click on Yes otherwise click on No. (Industry had a facility they can add the vehicles at the time of Manifest generation)

Select Transporter from dropdown list.

Select Vehicles from the list.

Step 5: Latest CTO/HWA details

Enter Latest CTO Order No. and upload CTO Order copy (Allowed only PDF format and size is less than 5MB).

Enter Latest HWA Order No. and upload HWA Order copy (Allowed only PDF format and size is less than 5MB).

Enter the valid date of the CFO order. Date must be greater than or equal to today's date. If the date is expires the industry is not able to generate manifest until Latest CTO order received from TNPCB.

Step 6: Final Verification

The user needs to verify the details in the final view and if any changes required, click on previous button made necessary changes.

If changes are not required, click on submit button.

Final Verification

Industry Details

Login ID *	123TEST
CTO Order No*	123TEST
Industry Name *	123TEST

District Environmental Office *	DEE, CHENNAI	Category*	Red
Industry Type*	1001-Isolated storage of hazardous chemicals (as per schedule of Manufacturing, Storage of Hazardous Chemicals Rules,1989 as amended)		
Industry Address *	CHENNAI	Corresponding Address *	CHENNAI
Authorised person *	ABCXYZ	Authorised person designation*	SUPERVISOR
Mobile No *	+91 9120452155	Email*	XYZ@GMAIL.COM
Longitude(in Decimal Format)*	76	Latitude(in Decimal Format)*	8

Hazardous Waste Details

TSDF

TSDF Membership *	Yes		TSDF Membership Document
Land Fillable Waste	☑Yes	Total Quantity (KL):300(TPA)	Total Quantity(Tonnes):(TPA)

S.No	Process	Stream	Name of Hazardous Waste	Permitted Qty/Annum	Waste Type	Disposal Option
1	3. Cleaning emptying and maintenance of petroleum oil storage tanks including ships	3.2 Cargo residue and sludge containing chemicals	123456	300KL	Semi-Solid	NO

Incienarable Waste	☑Yes	Total Quantity (KL):300(TPA)	Total Quantity(Tonnes):(TPA)

S.No	Process	Stream	Name of Hazardous Waste	Permitted Qty/Annum	Waste Type	Waste Description	Disposal Option
1	3. Cleaning emptying and maintenance of petroleum oil storage tanks including ships	3.1 Cargo residue, washing water and sludge containing oil	123456	300KL	Liquid	LTDS	YES

Pre Processor

Pre Processor Membership	Yes		Pre Processor Membership Document
Incienarable Waste	☑Yes	Total Quantity(KL) :300(TPA)	Total Quantity(Tonnes):(TPA)

S.No	Process	Stream	Name of Hazardous Waste	Permitted Qty/Annum	Waste Type	Waste Description	Disposal Option
1	2. Crude oil and natural gas production	2.1 Drill cuttings excluding those from water based mud	123456	300KL	Liquid	HTDS	YES

Utilizable Waste	☑Yes	Total Quantity(KL) :(TPA)	Total Quantity(Tonnes):300(TPA)

S.No	Process	Stream	Name of Hazardous Waste	Permitted Qty/Annum	Waste Type	Waste Description	Disposal Option
1	7. Primary production of zinc or lead or Copper and other non-ferrous metals except aluminium	7.1 Flue gas dust from roasting	123456	300Tonnes	Liquid	HTDS	YES

Transporter / Vehicle Details

Transporter*	DemoTransporter ,
Vehicles*	123456

CTO Order / HWA COPY

CTO Order No:*	123TEST
CTO latest Order copy *	CTO latest ORDER - COPY
CTO Order Valid Upto**	31/12/2020
HWA Order No:*	123TEST
HWA Order copy*	HWA latest Order copy
HWA latest Order Valid Upto**	31/12/2020

SUBMIT

Previous

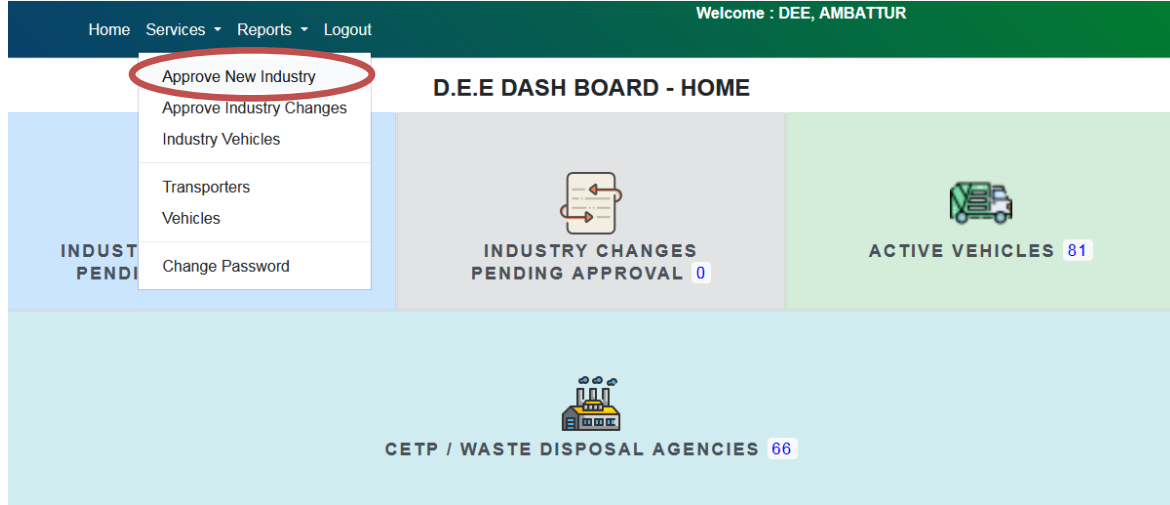After final verification data will be displayed as above.

After entering the details, the user needs to click on the submit button,

If the user wants to change the data he can click on previous button to edit the data. Once you submit, the application will go to respective DEE for approval. Once the DEE approves or Rejects industry you will get an email / SMS with DEE remarks to the contact details provided. If the DEE approves, you shall receive the Password to login to the application. Please change password after first login. If the DEE Rejects, you may enter the same Login ID in Register Yourself and the previously entered industry details will be displayed. You can modify and resubmit the industry details.

2. Industry Approval

DEE Login:
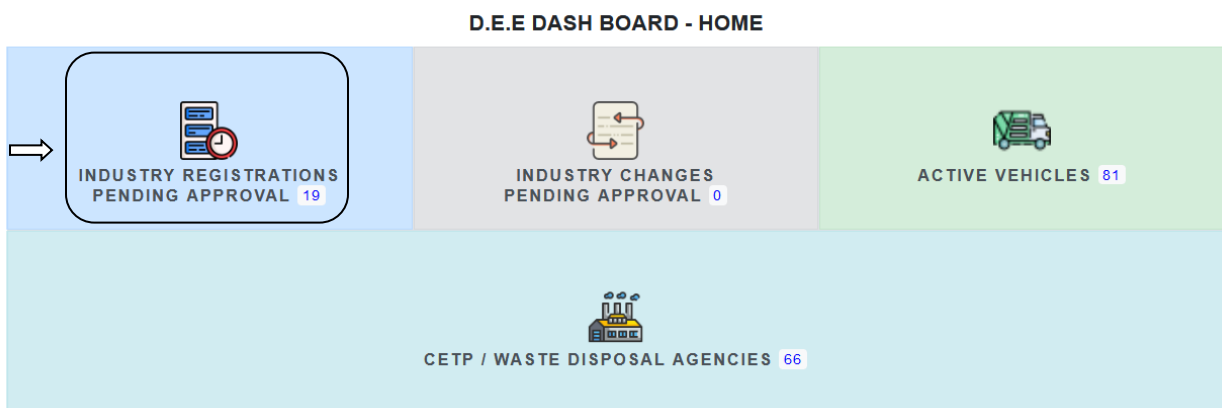
Go to navigation menu Services-> Approve New Industry as shown above.

All the new Industry registrations will be displayed in the respective DEE login.

Approve Industry Registrations

* Click on Industry Name to go to Approval Screen

S.No	Industry Name	Industry Login	Address	CTO Order No	CTO Valid Date	Contact Details	View
1	62164	62164	1001-Isolated storage of hazardous chemicals (as per schedule of Manufacturing, Storage of Hazardous Chemicals Rules,1989 as amended)	62164	11/30/2020	Sanjeev Ph:6777777777 Email:s@g.in	View
2	dasdwqeeeerffc	dasdasdasd	binations of polluting activities namely washing, metal surface finishing operations, pickling, plating, electroplating, phosphating, painting, heat treatment etc. Heavy	dasdasdasdad	11/30/2020	Sanjeev Ph:6777777777 Email:s@g.in	View
3	eeeeeee	12346	g plants (integrated facilities) having either one or combinations of polluting activities namely washing, metal surface finishing operations, pickling, plating, electroplating, phosphating, painting, heat treatm	eeeeeee	11/30/2020	Sanjeev Ph:6777777777 Email:s@g.in	View
4	fsdfsdfsdf	12345e	ile Manufacturing plants (integrated facilities) having either one or combinations of polluting activities namely washing, metal surface finishing operations, pickling, plating, electroplating, phosph	12345dsfsf	11/30/2020	Sanjeev Ph:6777777777 Email:s@g.in	View
5	ind1234	ind1234	Tamil Nadu Pollution Control Board76, Mount Salai, Guindy, Chennai - 600 032	ind1234	11/19/2020	testtest Ph:9618482829 Email:tejaswi.d@cgg.gov.in	View
6	ind134	ind134	Tamil Nadu Pollution Control Board76, Mount Salai, Guindy, Chennai - 600 032	ind134	11/25/2020	Rajuk Ph:9618482829 Email:tejaswi.d@cgg.gov.in	View
7	ind14	ind14	Tamil Nadu Pollution Control Board76, Mount Salai, Guindy, Chennai - 600 032Phone : 22353134-139	ind14	11/26/2020	testtesttest Ph:9618482829 Email:tejaswi.d@cgg.gov.in	View
8	ind214	ind214	Tamil Nadu Pollution Control Board76, Mount Salai, Guindy, Chennai - 600 032	ind214	11/19/2020	testets Ph:9618482829 Email:tejaswi.d@cgg.gov.in	View
9	ind234	ind234	Tamil Nadu Pollution Control Board76, Mount Salai, Guindy, Chennai - 600 032	ind234	12/03/2020	testtest Ph:9618482829 Email:tejaswi.d@cgg.gov.in	View
10	ind34	ind34	Tamil Nadu Pollution Control Board76, Mount Salai, Guindy, Chennai - 600 032	ind34	11/19/2020	TESTTEST Ph:9618482829 Email:tejaswi.d@cgg.gov.in	View

DEE can view the application by clicking on View (link).

DEE can get the details of industry registration by clicking on Industry Name.

DEE can Approve or Reject the individual Industry.

At least one Industry is approved, the industry is considered as Approved and he will receive Password in an SMS / e-Mail to login to the application.

DEE can Approve or Reject the application and update with remarks in the form displayed below.

Hazardous Waste Details*

TSDF

Land Fillable Waste   TPA in KL : 100   TPA in Tonnes : 100

S.No	Landfillable Waste Related Process	Stream	Name of Hazardous Waste	Permitted Qty/Annum		Waste Type	Disposal Option	Action
1	1. Petrochemical processes and pyrolytic operations	1.1 Furnace or reactor residue and debris	Hazardous waste	100	KL	Semi-Solid	YES	○ Accept ○ Reject
2	1. Petrochemical processes and pyrolytic operations	1.2 Tarry residues and still bottoms from distillation	Hazardous waste1	100	Tonnes	Semi-Solid	YES	○ Accept ○ Reject

Pre Processor

Incinerable Waste   TPA in KL : 100   TPA in Tonnes : 100

S.No	Incinerable Waste Related Process	Stream	Name of Hazardous Waste	Permitted Qty/Annum		Waste Type	Waste Description	Disposal Option	Action
1	1. Petrochemical processes and pyrolytic operations	1.1 Furnace or reactor residue and debris	Hazardous waste	100	KL	Liquid	LTDS	YES	○ Accept ○ Reject
2	1. Petrochemical processes and pyrolytic operations	1.2 Tarry residues and still bottoms from distillation	Hazardous waste1	100	Tonnes	Liquid	LTDS	YES	○ Accept ○ Reject

Utilisable Waste   TPA in KL : 100   TPA in Tonnes : 0

S.No	Utilisable Waste Related Process	Stream	Name of Hazardous Waste	Permitted Qty/Annum		Waste Type	Disposal Option	Action
1	2. Crude oil and natural gas production	2.1 Drill cuttings excluding those from water based mud	Hazardous waste	100	KL	Liquid	YES	○ Accept ○ Reject

CTO Valid Upto	11/20/2020
HWA Valid Upto	11/26/2020
Remarks	

SUBMIT   CLEAR

After DEE remarks submission, a message is displayed as Industry is approved.

3. Manifest Generation

Industry login

Go to navigation menu Services -> Generate Manifest

Industry may accept declaration by clicking on Accept & Proceed for manifest generation.

For cancel the manifest generation, click on Wait / Cancel button.

Please verify the industry details given.

Latest HWA date must be greater than or equal to today's date. Otherwise manifest will not generate.

Based on Industry registration data waste type and waste category radio buttons are enabled.

Generate Manifest

Waste added by Industry and approved by DEE will be shown for selection in Waste Type / Category

Sender Details	TEST INDUSTRY TAMILNADU
	VELLORE CHENNAI
	SANJEEV@GMAIL.COM
	6789678967
	HWA/2020/12/INDUSTY
	12/31/2020

Waste Type	◉ TSDF ◯ Pre-Processor ◯ Co-Processor ◯ Recycler
Waste Category	◯ LAND FILLABLE ◯ INCINERABLE

Please select waste type and waste category.

Select the waste disposal agency and corresponding vehicles will display automatically.

For TSDF only TNPCB Vehicles will display and TSDF vehicles only shared basis based on balance available.

Waste Type	◉ TSDF ◯ Pre-Processor ◯ Co-Processor ◯ Recycler
Waste Category	◉ LAND FILLABLE ◯ INCINERABLE
Waste Disposal Agency	M/s.Tamil Nadu Waste Management Ltd_Gummidipoondi
Vehicle Registration No.	TN18AC7521

Transporter: TSDF Gummidipoondi
Type: Truck; TotalCapacity: 10 Tonnes; Balance available: 3.00 Tonnes;

Total Quantity	3	KL
Special Handling Instructions & Additional Information	wastescovered under the Municipal Solid Wastes (Management and Handling) Rules	

For other waste type and categories industry can select registered or add new vehicles.

For adding new vehicles need to enter Vehicle number, transporter name, address, registration number, mobile number and email.

Waste Type	○ TSDF ○ Pre-Processor ○ Co-Processor ● Recycler
Waste Category	● RECYCLABLE
Waste Disposal Agency	Keerthika Chemicals
Vehicle Registration No.	○ Registered Vehicle ● New Vehicle

Vehicle Registration No.	Capacity (In KL/Tonnes)
TN12TN0123	10

Transporter Name	Transporter Registration No.
ABC TRANSPORTER	TNPCB/DEC/1001

Transporter Address	Mobile
VELLORE, CHENNAI	9142512445
	EmailID
	ABC@GMAIL.COM

Total Quantity	10	KL

Special Handling Instructions & Additional Information	wastescovered under the Municipal Solid Wastes (Management and Handling) Rules

Total quantity is validated with available quantity of the vehicle in KL/Tonnes.

Please enter handling instruction.

Select Hazardous waste, nature of waste, Quantity in numbers and Type.

If you want to add more hazardous waste click on add new row.

Select consistency, Enter PH value 0 to 14 only.

Enter Calorific value in Kcal/Kg.

Click on Check button after that click on submit button then automatically will generate form 10 as shown below.

FORM 10

[See rule 19 (1)]

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1	Sender's Name & Mailing Address (including Phone No. and email)	Name :TEST INDUSTRY TAMILNADU Address :VELLORE CHENNAI Phone No :6789678967 Email :SANJEEV@GMAIL.COM
2	Sender's Authorisation No:	HWA/2020/12/INDUSTY
3	Manifest Document No:	302
4	Transporter Name & mailing Address: (including Phone No. and email)	Name :ABC TRANSPORTER Address :VELLORE, CHENNAI Phone No :9124512451 Email :ABC@GMAIL.COM
5	Type of Vehicle:	Truck
6	Transporter's Registration No:	TNPCB/DEC/1001
7	Vehicle Registration No:	TN12TN0123
8	Receiver's Name & mailing Address, (including Phone No. and Email:	Name :Keerthika Chemicals Address :Uppidamangalam East village, Karur Taluk, Karur District Phone No : Email :
9	Receiver's Authorisation No:	

10	Waste Description:	WasteType	Waste Description	Qty/Unit
		Recyclable Waste	28.1 Process Residue and wastes (Used PPE)	3 - Containers

11	Total Quantity : No. of Containers:	3 - Tonnes
12	Physical Form:	Solid
13	Special Handling Instructions & Additional Information:	wastescovered under
14	Sender's Certificate:	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labelled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.

	Name and stamp:	Signature:	M	M	D	D	Y	Y	Y	Y
			1	2	1	5	2	0	2	0

15	Transporter acknowledgement of receipt of Wastes	

	Name and stamp:	Signature:	M	M	D	D	Y	Y	Y	Y

16	Receiver's certification for receipt of hazardous and other waste	

	Name and stamp:	Signature:	M	M	D	D	Y	Y	Y	Y

Copy number with colour code	Purpose	
Copy 1 (White)	To be forwarded by the sender to the State Pollution Control Board after signing all the seven copies.	☐
Copy 2 (Yellow)	To be retained by the sender after taking signature on it from the transporter and the rest of the five signed copies to be carried by the transporter.	☐
Copy 3 (Pink)	To be retained by the receiver (actual user or treatment storage and disposal facility operator) after receiving the waste and the remaining four copies are to be duly signed by the receiver.	☐
Copy 4 (Orange)	To be handed over to the transporter by the receiver after accepting waste.	☐
Copy 5 (Green)	To be sent by the receiver to the State Pollution Control Board.	☐
Copy 6 (Blue)	To be sent by the receiver to the sender.	☐
Copy 7 (Grey)	To be sent by the receiver to the State Pollution Control Board of the sender in case the sender is in another State.	☐

Back   Print

Click on Print for printing the Manifest and click on back button page will redirect to dispatch vehicles screen.

Check on Dispatch check button then click on submit button.

Selected vehicle dispatched successfully.

Note: after vehicle dispatched from the industry, so vehicle now not allowed to allotting another manifest generation until facility dispatch the vehicle.
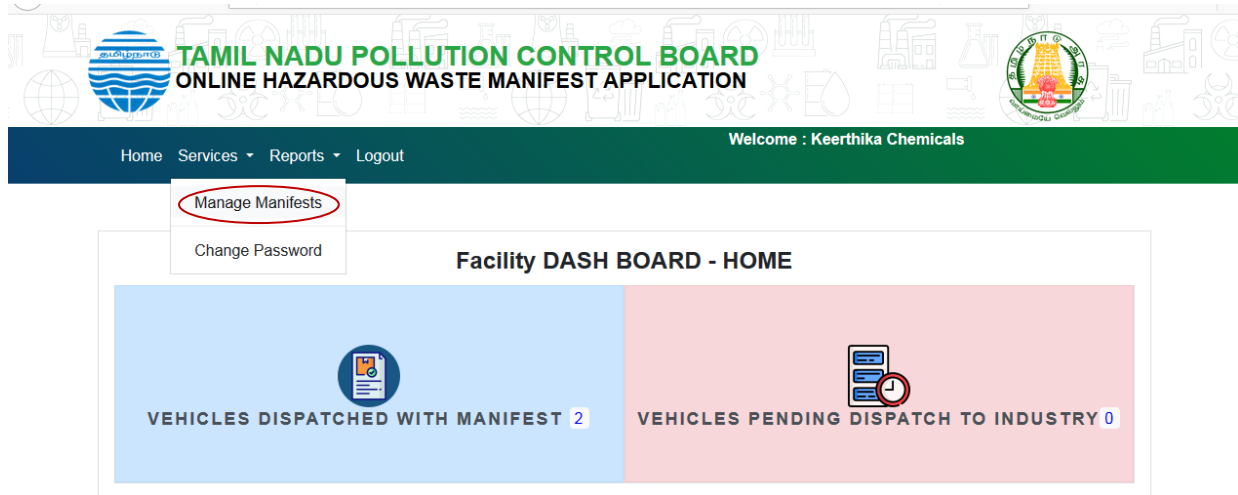
If facility rejected the manifest then industry must be unload and dispatch the vehicle, so industry will not allowed to generate manifest.

Only TSDF vehicles are allowed for shared basis.

4. Manifest Approval

Facility login

Go to navigation menu Services -> Manage Manifest as shown above

Step 1 select vehicle registration number then enter in to step 2.

Manifests - Waste / Vehicle Details

REMINDER : Previous Days Manifests are still present. Please enter Manifest Analysis Details.

STEP 1. VIEW VEHICLES LIST			STEP 2. ENTER MANIFEST DETAILS					STEP 3. DISPATCH VEHICLE				
S.No	Manifest Id	Industry Name	Waste Type	Created On	Total Quantity (#)	PH	Calorific Value	Flash Point	Loss on Ignition	Loss on Drying	Remarks	Accept	Reject
1	174	TEST1234	Recyclable Waste	16 Nov 2020	3	12	2800	1	1	1	ok	◉	○

SUBMIT

\# Enter Quantity in Tonnes for waste transported in Trucks

Facility will test and enter the value for the below.

➢ Total quantity should not be more than quantity in manifest.
➢ PH value should be 0 to 14 only.
➢ Calorific value
➢ Flash point
➢ Loss of ignition
➢ Loss of drying

Enter remarks if any.

If facility accepts then the vehicle will unload and dispatch in facility.

Step 3 after unload, vehicles are ready to dispatch from facility.

Manifests - Waste / Vehicle Details

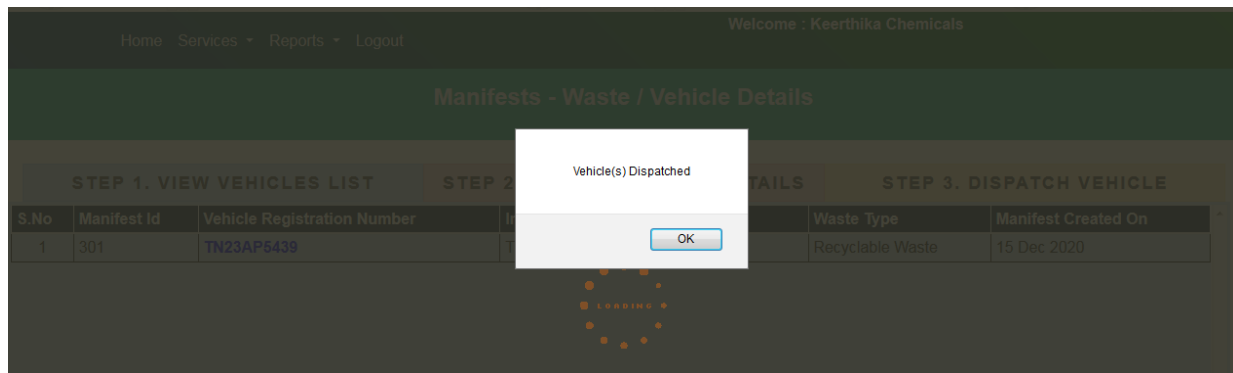Previous Days Manifests are still pending Dispatch. Please dispatch them.

STEP 1. VIEW VEHICLES LIST	STEP 2. ENTER MANIFEST DETAILS	STEP 3. DISPATCH VEHICLE	
S.No	Manifest Id	Waste Category	Vehicle Registration No	Dispatch
1	174	Recyclable Waste	TN23FX5434	☑

SUBMIT

Select the dispatch check box for dispatch vehicles.

Click on submit button for vehicle dispatch.

Now vehicle is available to generate another manifest.

If facility rejects the manifest, then the vehicle will return to the industry.
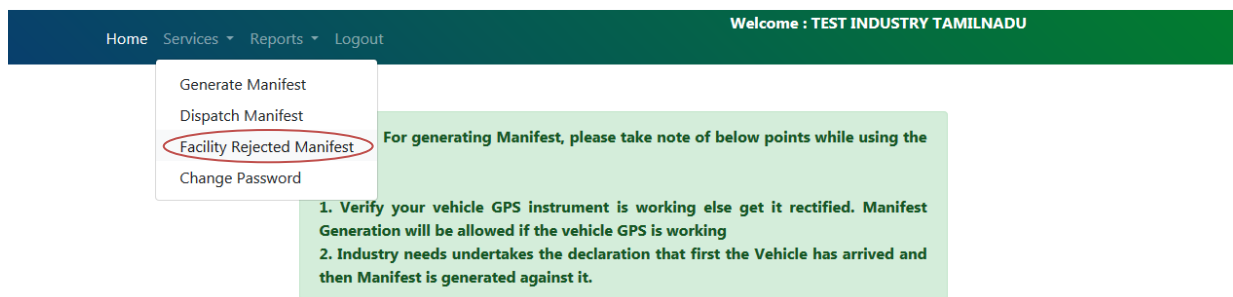

Now the vehicle return to the industry and industry must be unload the vehicle and also industry not able to generate any other manifest until dispatch the vehicle.

Go to navigation menu services → Facility Rejected Manifest

Rejected Manifest

S.No	Manifest Id	Waste Category	Vehicle Registration No	Remarks	Received
1	301	Solid Hazardous Waste	TN23AP5439	Invalid data	☑

SUBMIT CLEAR

Enter remarks and select Received check box and click on submit button.

Here industry will unload and dispatch the vehicle.