



**Central Pollution Control Board
WM-III Division**

Date: 11-09-2023

Kind Attention:

Producers and Recyclers as under Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2022

MoEF&CC has notified amendments in Hazardous waste rules known as "The Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2022", to include provisions for utilization & management of waste tyre.

CPCB has made an Interim arrangement for generation of the EPR End Product credits (Certificates).by Recycler and transfer the end product credits to Producers through portal for fulfilment of EPR Obligation of Producer.

For the generation and transfer of EPR Certificate on the EPR Portal, recyclers are required to maintain records of procurement of Raw material, sales of end producers and EPR Certificate transaction in excel sheet. The instruction sheet for the interim arrangement is at Annexure – I

CPCB is facilitating this interim arrangement for meeting EPR obligation and producers & recyclers shall have sole responsibility for malpractices/violations, if any.

The Portals is available of following URL: Portal for Waste Tyre (<https://epptyrespcb.in>)

ANAND
KUMAR

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KUMAR
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(Anand Kumar)
Director & DH
WM-III Division

GUIDANCE DOCUMENT

on

Interim Arrangement for Generation & Transfer of EPR credits



CENTRAL POLLUTION CONTROL BOARD, DELHI

August 2023

1. Recycler Dashboard

After Login , Recycler's Dash Board shall appear. On the dashboard recycler Registration Status shall be appear and on the left side a manu bar will be appear. (Figure 1)

Waste Tyre Management System

M/s Rama Recyclers Ltd

Application No. 254

ent made for generation and transfer of EPR End-Product Credits (Certificates)

Registration Status		Transaction	User Type	Financial Year
Registered	View	View Transaction	Recycler	2022 - 2023

(Figure 1)

The Manu bar has following section to generate and transfer of EPR obligation

- Dashboard
- Waste Tyre Procurement details
- View Procurement Details
- Create EPR credits
- View EPR Credit Data
- EPR Credit (End Product) Transfer
- View EPR Credits Transaction details

2. Raw Material Procurement Data

The Recycle are required to click the Procurement details in the “Waste Tyre Procurement Details” section for the current and previous financial year.

The following steps has to be followed for addition of Procurement Details:

Step 1: The Recycler can make entries in this section by clicking on “Raw Material Procurement Data on their dashboard (Figure 2)

The following details are required to filled in this section

- Name of the supplier
- Address of the supplier
- Quantity Procured from the supplier (in MT)
- Invoice number of the supplier (Optional)
- GST number of the supplier (Optional)
- Date of purchase of raw material

Waste Tyre Management System

Recycler
M/s Rama Recyclers Ltd
Application No. 254

Dashboard
+ Add Procurement Details
View Procurement Details
+ Create EPR Credits
View EPR Credit Data
EPR Wallet
View EPR Credit Transaction Details
How to Generate/Transfer EPR Credits

Waste Tyre Procurement Details

Total Raw Material Procured(MT) - 50

Finance Year: Select
Name of waste tyre supplier: Name of waste tyre supplier
Contact Details: Seller Mobile No.
Address of waste tyre supplier: Seller Address
Type of raw material: Select
Quantity received (in tonnes): Quantity purchase by the recycler
Invoice number: Invoice number
GST Number of waste tyre supplier: GST Number of waste tyre supplier
Date of purchase of raw material: dd - mm - yyyy

Submit

(Figure 2)

3. **View Procurement Details** The recycler can view the entries/data of Raw Material Procurement Details by click on the **View Procurement Details** section. (Figure 3)

Waste Tyre Management System

Recycler
M/s Rama Recyclers Ltd
Application No. 254

Dashboard
+ Add Procurement Details
View Procurement Details
+ Create EPR Credits
View EPR Credit Data
EPR Wallet
View EPR Credit Transaction Details
How to Generate/Transfer EPR Credits

Instruction#2: Recyclers have to fill this form for each procurement invoice separately

Procurement Data

Download Details in Excel

Finance Year	Name of supplier	Invoice Number	Type of raw material	Quantity received (in tonnes)	Date of purchase of raw material
2023-2024	Jalaj Kumar Dubey	5687	Tyres	50	01-08-2023

(Figure 3)

Instruction for the recycler

1. If the recycler has not filled the invoice number and GST number at the time of entries of procurement details. The recycler can update the invoice & GST number by click on edit option. The recycler can edit the invoice & GST number only one time.
2. **The recycler can download the entries of procurement details in excel format.**

4. EPR credit generation against sales of end product

Step 1. The Recycler can make entries in this section by Click on the “EPR credit Generation” section available on Manu of Dashboard (Figure 4 & 5)

The following details of end product buyer are required to filled in this section

- a) Select Financial Year
- b) Name of the end product buyer
- c) Address of the address of the buyer
- d) Invoice number
- e) Sales data
- f) Quantity of end product sold
- g) Upload Invoice number

The screenshot displays the 'Waste Tyre Management System' interface. The header includes the EPRA logo and the text 'the Producers & Recyclers can use Interim arrangement made for generation and transfer of EPR End-Product Credits (Certificates)'. The left sidebar shows the user 'M/s Rama Recyclers Ltd' with application number '254' and a menu with 'Create EPR Credits' highlighted. The main content area is titled 'EPR Credit Generation Against Sale of End Products' and contains a form with the following fields:

Finance Year Select	Name of the Recycler Rama Recyclers Ltd
Address of the Recycler G3 4 13 14 IND AREA JADERUA MORENA	Contact Details 9651044338
GST Number of the Recycler 23AASF87933P1ZQ	Sales Date dd - mm - yyyy
Invoice number Invoice number	Name of End Product Buyer Name of End Product Buyer
Address of End Product Buyer Address of End Product Buyer	<small>Note: The Recovered Corban Black can be sold only to manufacturer of new Tyre</small>

Below the form is a section titled 'List of End Products'.

(Figure 4)

Waste Tyre Management System

Recycler
M/s Rama Recyclers Ltd
Application No. 254

Dashboard
+ Add Procurement Details
View Procurement Details
+ Create EPR Credits
View EPR Credit Data
EPR Wallet
View EPR Credit Transaction Details
How to Generate/Transfer

Address of End Product Buyer

List of End Products

End Products	Authorized Capacity	Net Available Capacity	Conversion Factor(CF), Weight Factor(WP)	Quantity
Reclaimed Rubber	100 MT	90 MT	1.298 C _i , 1.3 W _p	
Recovered Carbon Black	100 MT	100 MT	3.676 C _i , 1.25 W _p	
Crumb Rubber Modified Bitumen	0 MT	0 MT	0.2 C _i , 1.1 W _p	
Crumb Rubber	100 MT	100 MT	1.333 C _i , 1.0 W _p	
Pyrolysis oil or Char <input checked="" type="radio"/> Batch <input type="radio"/> Continuous	0 MT	0 MT	1.49 C _i , 0.5 W _p	

Upload invoice Submit

(Figure 5)

Instruction:

1. The recycler has to fill this form for each sale invoice separately
2. The recycler can sold the recovered carbon black to manufacturer only
3. The recycler cannot sold the quantity of end product more than the available recycling capacity (Potential) filled at the time of registration of recycler.

After clicking the submit button. The EPR credit will be generate against the sold quantity of end product and appear in the EPR wallet under “Available EPR Credit” for that particular End Product

Example

If Recycler has production capacity of crumb rubber is 100 MT/annum (end product) and recycler has sold the 10 MT Crumb Rubber to a Buyer. After submitting the sales details in the EPR credit Generation” section. The quantity of EPR credit will be generate as follow and show in EPR wallet.

Quantity of EPR credit generate (Q_{EPR}) = $Q_P \times C_F \times W_P$

$$Q_{EPR} = 10 \times 1.333 \times 1$$

$$Q_{EPR} = 13.33 \text{ MT}$$

Where

Q_P - Quantity of end product sold

C_F . Conversion factor for each end product

W_P . Weightage allocated to end product

Note: The quantity sold 10 MT of crumb rubber will be deducted from the total production capacity of the recycler for that particular financial year.

The Conversion factors and Weightage of each end product given below

Entities	Crumb rubber	Reclaimed Rubber	Crumb rubber modified bitumen (CRMB)	Recovered carbon black	Pyrolysis oil and Char	
					Continuous	Batch
Weightage (W _P)	1.0	1.3	1.1	1.25	0.8	0.5
Conversion Factor (C _F)	1.333	1.298	0.2	3.676	1.49	1.49

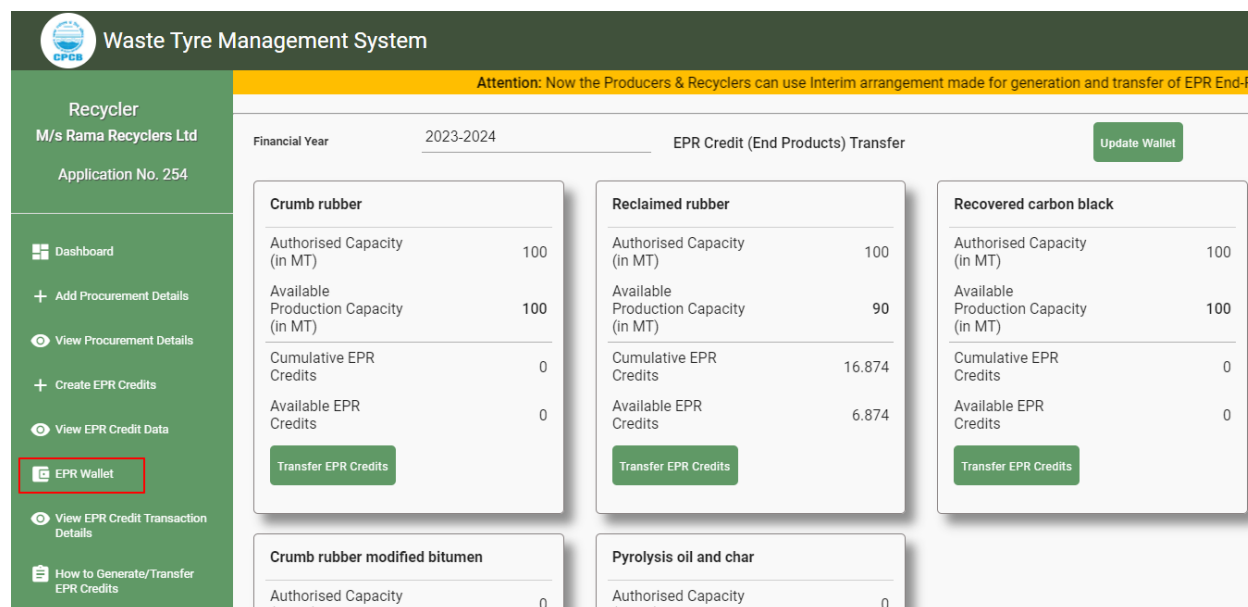
5. View EPR credit data

The recycler can view the details of buyer (whom recycler has sold the end producers) by click on the “**View EPR credit data**” section (figure 6)

6. EPR Wallet of the Recycler

In the EPR wallet the recycler can check and transfer the EPR credits to producer.

The Recycler can proceed to the ‘Wallet’ section by clicking on “EPR Wallet” present on the Left menu bar on the Dashboard. Wallet will be updated corresponding to the sales of different End Products The Wallet shall display Cumulative Credits, Used/Transferred credits, Available credits, and Denominated credits in tonnes **as shown in the Figure. 7**



(Figure 7)

Transfer Credits

Click 'Transfer' button on EPR Wallet, a window will be open for fillup the producer's details. (figure 8)

The screenshot shows the 'Waste Tyre Management System' interface. A modal window titled 'EPR Credits (End Product) Transfer - Crumb rubber' is open. The modal contains the following fields and buttons:

- Available Credits (0)**
- Name of End Product:** Crumb rubber
- Quantity of Credit (End Product) in MT:** Credit Value
- Producer Name:** Producer Name
- Registration No:** Registration No.
- Producer Address:** Producer Address
- Transfer EPR Credit** button

The background interface shows the 'Recycler' section for 'M/s Rama Recyclers Ltd' with application number 254. The 'EPR Wallet' option is highlighted in the sidebar. The main content area displays 'Crumb rubber modified bitumen' and 'Pyrolysis oil and char' with their respective capacities and production details.

(Figure 8)

- (i) The Recycler shall enter the quantity of credit (End Product) transfer and will select the Name of the Producer to transfer EPR credits
- (ii) The Recycler will click on 'Transfer EPR Credit' button to transfer the EPR credits to the Producer
- (iii) Once the EPR credits are transferred to the Producer, these quantity of credits will be deducting form the producer's EPR obligation as shown in the fig. 9

The screenshot shows the 'Waste Tyre Management System' interface for the Producer 'M/s TVS Tryes Ltd' with application number 241. The 'Status of EPR Compliance' option is highlighted in the sidebar. The main content area displays a table with the following data:

Status of EPR Obligation		
Total EPR Obligation (in MT)	EPR Obligation Fulfilled (in MT)	Remainig EPR Obligation (in MT)
468.384	10	458.384

(Figure 9)

7. View EPR credit transection details

The recycler can view the transection details of EPR details transferred to producers by click on the **EPR credit transection details**” section. (Figure 10)

The screenshot displays the 'Waste Tyre Management System' interface. On the left is a green sidebar with a navigation menu. The main content area shows a table titled 'Transaction Details' with one row of data.

Recycler
M/s Rama Recyclers Ltd
Application No. 254

Navigation menu items:
Dashboard
+ Add Procurement Details
View Procurement Details
+ Create EPR Credits
View EPR Credit Data
EPR Wallet
View EPR Credit Transaction Details (highlighted with a red box)
How to Generate/Transfer EPR Credits
Logout

End Products	Transaction Number	Producer Name	Transaction Date	Quantity
Reclaimed rubber	RR/254/241/2023-08-27/1	TVS Tryes Ltd	27-08-2023	10

(Figure 10)