

**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

### 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  
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Dashboard  
+ Add Procurement Details  
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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 'Waste Tyre Management System'. A yellow banner below the header states: 'the Producers & Recyclers can use Interim arrangement made for generation and transfer of EPR End-Product Credits (Certificates)'. The left sidebar contains a navigation menu with the following items: 'Recycler', 'M/s Rama Recyclers Ltd', 'Application No. 254', 'Dashboard', '+ Add Procurement Details', 'View Procurement Details', '+ Create EPR Credits' (highlighted with a red box), 'View EPR Credit Data', 'EPR Wallet', 'View EPR Credit Transaction Details', and 'How to Generate/Transfer'. The main content area is titled 'EPR Credit Generation Against Sale of End Products' and contains the following form 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	

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

**Note:** The Recovered Corban Black can be sold only to manufacturer of new Tyre

(Figure 4)

Waste Tyre Management System

Recycler  
M/s Rama Recyclers Ltd  
Application No. 254

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 <sub>i</sub> , 1.3 W <sub>p</sub>	Quantity
Recovered Carbon Black	100 MT	100 MT	3.676 C <sub>i</sub> , 1.25 W <sub>p</sub>	Quantity
Crumb Rubber Modified Bitumen	0 MT	0 MT	0.2 C <sub>i</sub> , 1.1 W <sub>p</sub>	Quantity
Crumb Rubber	100 MT	100 MT	1.333 C <sub>i</sub> , 1.0 W <sub>p</sub>	Quantity
Pyrolysis oil or Char <input checked="" type="radio"/> Batch <input type="radio"/> Continuous	0 MT	0 MT	1.49 C <sub>i</sub> , 0.5 W <sub>p</sub>	Quantity

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 <sub>P</sub> )	1.0	1.3	1.1	1.25	0.8	0.5
Conversion Factor (C <sub>F</sub> )	1.333	1.298	0.2	3.676	1.49	1.49

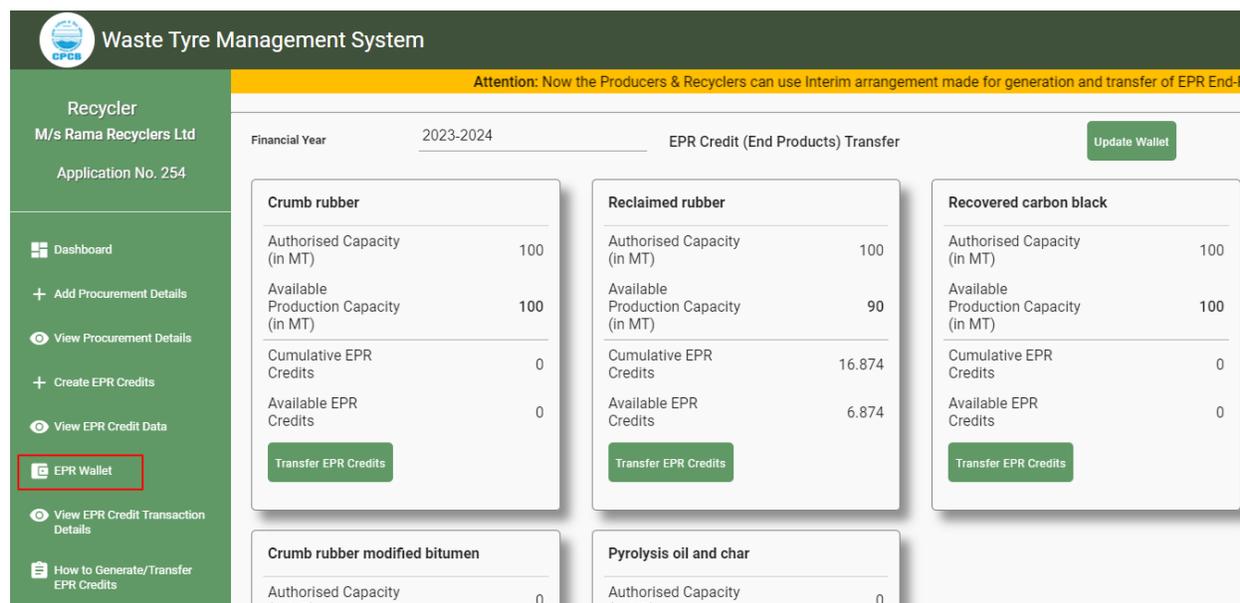
## 5. View EPR credit data

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 window displays 'Available Credits (0)'. It contains the following fields:

- 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

A green button labeled 'Transfer EPR Credit' is located at the bottom of the modal. The background interface shows a sidebar with 'EPR Wallet' highlighted and a main area with various EPR credit details for different products like 'Crumb rubber modified bitumen' and 'Pyrolysis oil and char'.

(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

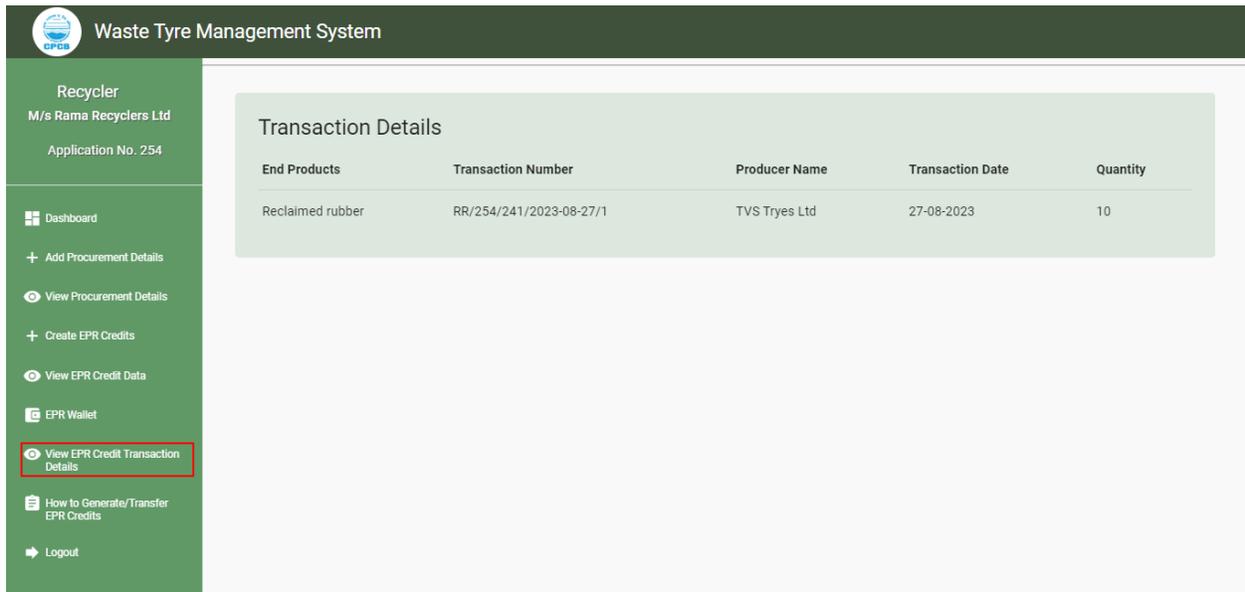
The screenshot shows the 'Waste Tyre Management System' interface. The sidebar shows 'Status of EPR Compliance' highlighted. The main area displays a table titled 'Status of EPR Obligation' for the producer 'M/s TVS Tryes Ltd' (Application No. 241).

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

**Transaction Details**

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

The sidebar menu includes: 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, and Logout.

(Figure 10)