Guidance Document for Generation and Transfer of EPR Certificate/Credit for Waste Tyre Management under EPR regime

(Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2022)



Central Pollution Control Board (CPCB) Parivesh Bhawan Delhi 32

1.0 Background

The Ministry of Environment, Forest and Climate Change (MoEF&CC), Gol, vide its notification No. G.S.R 593(E) dated July 21, 2022 has notified "Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2022" by inserting after sub-rule (3) of rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, the sub-rule (4) on the utilization and management of waste tyre under the Extended Producer Responsibility (EPR) regime. The overall objective of said Amendment Rules is to take all steps required to ensure that Waste Tyre is managed in a manner which shall protect health and environment against any adverse effects, which may result from such waste tyres.

As per the rules, the producers are required to fulfil their Extended Producer Responsibility (EPR) obligations assigned to them through online purchase of EPR Certificates/Credits from registered Recyclers of Waste Tyres only. Further as per the provisions laid in the Rules, the Central Pollution Control Board shall generate EPR certificate, through Portal in favour of registered Recyclers. The quantity eligible for generation of EPR certificate/ credits shall be based on the quantity of Waste Tyres recycled by the Recyclers.

The registered recyclers have to upload details of quantity of Waste tyres procured/collected/imported, recycled, end products produced and sold on the Waste Tyre EPR Portal. Based on the information uploaded on the Portal, EPR certificates/credits will be generated in the favor of recycler by CPCB through the Portal. The certificates shall be subject to environmental audit by the Central Pollution Control Board or any other agencies authorized by the Central Pollution Control Board.

2.0 Guidance for Recyclers:

The present document provides detailed guidance on generation & transfer of the EPR certificates/credits. Followings are the guidance for waste tyre recyclers.

- To ensure sequential submission / upload of invoices with respect to procurement/import of raw material and sale of end products.
- Sequence of procurement/import dates and sales dates are to be maintained. (Note: Oldest date needs to be provided first and sequence need to be maintained)
- To ensure correctness of data w.r.t. domestic procurement/ import of waste tyre as per actual.
- To ensure correctness of data w.r.t. end product sold.
- To generate EPR certificate/ credits based on quantity of waste tyres recycled and quantity of end products sold.
- Invoices/bill of lading are to be uploaded both with the respect of procurement/import of waste tyres and sales of end products by the recycler. The end products sales invoices have to be GST linked.

- Maintain record of waste tyres collected/imported and recycled on the portal and make available all records for verification or audit as and when required;
- File annual and quarterly returns in the laid down form on the portal on or before the end of the month succeeding the quarter or year, as the case may be, to which the return relates;
- Ensure that the facility and recycling processes are in accordance with the standards or guidelines laid down by the Central Pollution Control Board in this regard from time to time.
- Ensure that the fractions or material not recycled in its facility is sent to the respective registered recyclers.
- Ensure that residue generated during recycling process is disposed of in an authorised treatment storage disposal facility (TSDF).

3.0 Guidance for SPCBs/PCCs for Verification of recycling facility

- SPCBs/PCCs are required to periodically verify the recycler's recycling facilities (plants & machineries) and recycling operations for effective implementation of Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2022. SPCBs/PCCs can view on the EPR Portal details of Producer and Recycler located in their state.
- SPCBs/PCCs can view the applications, uploaded documents, recycling facilities (plants & machineries), geo tagged photograph and geotagged video of recycling facility.
- SPCBs/PCCs to carry out periodical verification of various documents/invoices/information uploaded by the waste tyre recyclers on the EPR Portal for quantity of waste tyre procured/collected/imported, recycled, end product produced and sold for generation of EPR certificates.
- SPCBs/PCCs are required to verify capacities and capabilities of recyclers.

4.0 Environmental Auditing of EPR Certificate

- The certificates shall be subject to environmental audit by the Central Pollution Control Board or any other agencies authorized by the Central Pollution Control Board in this regard.
- As per the rules, any person, who provides incorrect information for obtaining extended producer responsibility certificates, uses or causes to be used false or forged extended producer responsibility certificates in any manner, over generates extended producer responsibility certificates above 5% of the actual waste recycled, wilfully violates the directions given under the provisions of this Schedule or fails to co-operate in the verification and audit proceedings, may be prosecuted under section 15 of the Act and this prosecution shall be in addition to the environmental compensation levied under paragraph 10.

5.0 Procedure for generation & transfer of EPR certificates/credits on the

Waste Tyre EPR Portal

As per the rules a producer under Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2022 is required to fulfil its annual EPR obligations through purchase of EPR certificates/credits from registered recyclers. The EPR certificates/credits are to be generated by CPCB in favour of the recyclers based on the quantity of Waste tyres recycled by them. The documents requirement for generation of EPR certificate/credits is given below

- To provide information on quantity (in tonnes) of domestically procured waste tyre and/ or imported waste tyre as the case may be and upload copy of invoice and bill of lading respectively.
- To generate EPR certificates/ credits in the form of end products i.e. Crumb Rubber, Reclaim Rubber, Recovered Carbon Black, Crumb Rubber Modified Bitumen (CRMB), Pyrolysis oil & Char.
- To enter quantity of end product sold;
- To upload GST linked sales invoice corresponding to end product sold.
- To sell/transfer the EPR certificate/credits to producers for fulfilment of their EPR obligations.
- The validity of the extended producer responsibility (EPR) certificate shall be for two years from the end of the financial year in which it was generated and the expired certificate automatically extinguished after the period unless extinguished earlier as per the provisions of these rules.
- The details provided by producer and registered recycler shall be crosschecked on the portal.
- In case of any difference, the lower figure shall be considered towards fulfilment of extended producer responsibility (EPR) obligation of the producer.

Upcoming sections provides detailed steps for generation & transfer of EPR certificates. The following steps has to be followed for EPR certificate/cerdits generation and transfer.

Step I: 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 menu bar will be appear. (Figure 1)

▼ M Sent Mail - naveen.cpcb@gmail × @ Email: Re: Mod	laities need to be X 😪 Waste-Tyre X +						-
← → C ▲ Not secure 125.19.52.219:2025/wastet	yre/user					*	۵ I
Waste Tyre Management S	System						
Recycler		Attentio	on: Now the Producers & Recyclers or	an use Interim arranger	nent made for generation and transfer o	r E	
M/S RAMA RECYCLERS PVT LTD		1		1			
	Application Statue	View Application	Application Fee	User Type	Date of Application		
Application No. 506	Application Approved	View	View Reciept	Recycler	21-09-2023		
				1			
55 Dashboard	Form for waste tyre importer	View Information	on				
+ Add Procurement Details	Note 1: This form is applicable to only wast	e tyre importers					
View Procurement Details	2: This form can be submitted only on	e une					
+ Greate EPR Greats							
♥ View EPR Credit Data							
EPR Wallet							
View EPR Credit Transaction							
Details							
E Stock Availability							
E Annual/Quarterly Return							
É Requisitions							
B How to Generate/Transfer							
EPR Credits							
→ Logout							
	Disclaimer : CPCB is facilitating this interim a	rrangements for meeting EPR targe	ets and producers & recyclers shall hav	e sole responsibility fo	r malpractices/violations, if any.		

(Figure 1)

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

- a. Dashboard
- b. Add Waste Tyre Procurement details
- c. View Procurement Details
- d. Create EPR credits
- e. View EPR Credit Data
- f. EPR wallet
- g. EPR Credit (End Product) Transfer
- h. View EPR Credits Transaction details
- i. Stock Availability
- j. Annual Return
- k. Requisition

Step II: Raw Material Procurement Data:

The Recycler are required to click on the "Add Waste Tyre Procurement Details" section for the current and previous financial year as the case may be.

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

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

- a. Name of the supplier
- b. Address of the supplier
- c. Source of raw material (import/domestic)
- d. Quantity Procured from the supplier (in Tonnes)
- e. Invoice number of the supplier

- f. GST number of the supplier (Optional)
- g. Date of purchase of raw material

Note:

i. After Uploading the information, the recycler cannot able to edit any information.

ii. The quantity of Raw Material Procured should be provided in Tonnes only

V M Seret Mail - novemupth Ogmail: X 0 Email: Ro: Modalities need to bill X 🔕 Watte-Tyre X +							
← → C ▲ Not secure 125.19.52.219:2025/wastetyre/recycler/procurement				1	2 I I 🛛	:	
Waste Tyre Management System							
Recycler							
M/s RAMA RECYCLERS PVT L	Waste Tyre Procurement Details		Total Raw Material Procured(MT) - 74112.365				
Application No. 506	Finance Year Select	Source of Waste Tyre Source of Waste Tyre					
Deshboard	Name of waste tyre supplier Name of waste tyre supplier	Contact Details Seller Mobile No.					
+ Add Procurement Details	Address of wests two supplier	Time of row motorial					
View Procurement Details	Seller Address	Select	•				
+ Create EPR Credits	Quantity received (in tonnes)	Invoice number ()					
O View EPR Credit Data	Quantity purchase by the rocyclor	Invoice number					
EPR Wallet	GST Number of waste tyre supplier 3	Date of purchase of raw r	material				
♥ View EPR Credit Transaction Details	GST Number of waste tyre supplier	dd/mm/yyyy	Submit				
C Stock Availability							
Annual/Quarterly Return							
Requisitions							
How to Generate/Transfer							
🗰 Logout							

(Figure 2)

Step III: View Procurement Details:

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

✓ M Sent Mail - naveen.cpcb@gmail ×	🔮 Email: Re: Modalities	s need to be X	🛛 Waste-Tyre 🗙 +						-
→ C ▲ Not secure 125,19.	.52.219:2025/wastetyre/r	ecycler/procure	ementdata					\$	
Waste Tyre M	lanagement S	ystem							
Recycler M/s RAMA RECYCLERS PVT L	ipdated later by cl	licking edit op	otion. Instruction#2: Recyclers have to fill this form for each procur	ement involce separat	ely				
Application No. 506	Procurem	nent Data	а			_		_	
Dashboard						Imp	ort CSV	Download Details in E	xcel
+ Add Procurement Details	Procurement ID	Finance Year	Name of supplier	Invoice Number	Type of raw material	Quantity received (in tonnes)	Source of Waste Tyre	Date of purchase of raw material	Action
View Procurement Details	21822	2022-2023	name of country	Bill of lading	Tyres	50	Imported	05-03-2023	Update
- Create EPR Credits	21821	2022-2023	Arihant Waste tyre supplier	45-AE-8845	Tyres	25	Domestically	09-01-2023	Update
View EPR Credit Data	21820	2022-2023	Test	test454	Tyres	10.20	Imported	03-01-2023	Update
EPR Wallet	21819	2023-2024	Tesst Saurabh	sss55555	Tyres	10.20	Domestically	01-02-2024	Update
View EPR Credit Transaction	21815	2022-2023	Tesst Saurabh	dsadsa54656	Tyres	564		31-03-2023	Update
Stock Availability	12566	2022-2023	Faisal Traders	FT/2022-23/267	Tyres	11.785		29-06-2022	Update
Annual/Quarterly Return	12565	2022-2023	Falsal Traders	FT/2022-23/266	Tyres	13.010		29-06-2022	Update
	12563	2022-2023	Faisal Traders	FT/2022-23/265	Tyres	12.320		29-06-2022	Update
Requisitions	12562	2022-2023	Faisal Traders	FT/2022-23/264	Tyres	10.760		29-06-2022	Update
How to Generate/Transfer EPR Credits	12561	2022-2023	Falsal Traders	FT/2022-23/263	Tyres	13.130		29-06-2022	Update
Logout	12560	2022-2023	Falsal Traders	FT/2022-23/262	Tyres	12.710		29-06-2022	Update
	12559	2022-2023	Faisal Traders	FT/2022-23/261	Tyres	10.365		28-06-2022	Update
	12558	2022-2023	Faisal Traders	FT/2022-23/260	Tyres	13.125		28-06-2022	Update

(Figure 3)

Instruction for the recycler

- i. If the recycler has not filled the invoice number and GST number at the time of entries of procurement details.
- ii. In this section the recyclers have to update the information of source of raw material (Domestic/import Tyres) and copy of invoice/ bill of lading for procurement of raw material.
- *iii.* The recycler can download the entries of procurement details in excel format.
- *iv.* The recycler can also select the source of raw material using import CSV function

	+ 9.52.219.2025/wastetyre/recy	rcler/procurementdata						* 0	- 0 X
Waste Tyre I	Management Sys	tem							
Recycler M/s RAMA RECYCLERS PVT L Application No. 505	Tells can be updated	Procurement data Financial Vear 2022-2023		Rev Material Tyres					
EE Dushboard	Procurement	Invoire Number		Purchasad (late			SV arce of Waste	Download Debails in E	Action
+ Add Proceenent Details	ID	dsadsa54000		2023-03-31			e	material	Action
View Procuement Details	21822						sorted	05-03-2023	Update
+ Create EPR Credita	21821	Seller Name		Seller mobile			nestically	09-01-2023	Update
View EPR Crudit Data	21820	Tesst Sacrabh		9674563210			ported	03-01-2023	Update
🔁 Ernwaler	21819	Purchased Quantity		Seller mobile			nestically	01-02-2024	Update
O View EPR Credit Transaction	21815	564						31-03-2023	Update
B Dock Availability	12566	Evern of Hards Turn		Interim Charter In	in file aleanan			29-06-2022	Update
Arrual/Quarterly Balace	12565	Source of Waste Tyre	•	option restore [Cristian Parts]	IO HIS CHORE			29-05-2022	Update
	12563							29-05-2022	Update
C Requisitions	12562								Update
Provi to Generate/Transfer UPR Credits	12561 2	022-2023 Faisal Traders		FT/2022-23/263	Tyres	13.130		29-06-2022	Update
N Logost	12560 2	022-2023 Falsal Traders		FT/2022-23/262	Tyres	12.710		29-06-2022	Update
	12559 2	1022-2023 Faisal Traders		FT/2022-23/261	Тугео	10.365		28-06-2022	Update

(Figure 4)

Step IV: EPR credit generation against sales of end product

1. The Recycler can make entries in this section by Click on the "**EPR credit Generation**" section available on Menu of Dashboard (Figure 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. Upload Invoice number
- g. Select type of stock (domestically/imported)
- h. Quantity of end product sold
- i. Upload sales invoice

Finance Year 2023-2024		•	Name of the Recycler RAMA RECYCLERS P	VT LTD			
Address of the Recycler KHASRA NO, 235, VILLAGE A	BDULPUR, KHEKADA	, BAGHPAT, UTTAR PR	Contact Details P9900927852 Sales Date dd/mm/yyyy				
GST Number of the Recycler 00AEYFS0951G1ZG							
Invoice number			Name of End Product Name of End Product E	Buyer Buyer			
Address of End Product Buye Address of End Product Buyer	r						
Available Stock Dom	estically: 2163.2 M	TN	 Available Stoc 	k Imported: 71110.9	93 MT		
Available Stock Dom List of End Products End Products	Authorized Capacity	Net Available Capacity	O Available Stoc Convertion Factor(CF), Weight Factor(WP)	k Imported: 71110.9 Weight of END Product (MT)	Weight of Waste		
Available Stock Dom List of End Products End Products Reclaimed Rubber	Authorized Capacity 0 MT	Net Available Capacity 0 MT	O Available Stoc Convertion Factor(CF), Weight Factor(WP) 1.298 Cr, 1.3 Wp	Weight of END Product (MT)	Weight of Waste Tyre used		
Available Stock Dom List of End Products End Products Reclaimed Rubber Recovered Carbon Black	Authorized Capacity 0 MT 0 MT	Net Available Capacity 0 MT 0 MT	Available Stor Convertion Factor(CF), Weight Factor(WP) 1.298 Cr, 1.3 Wp 3.676 Cr, 1.25 Wp	Weight of END Product (MT)	Weight of Waste Tyre used		
Available Stock Dom List of End Products End Products Reclaimed Rubber Recovered Carbon Black Crumb Rubber Modified Bitumen	Authorized Capacity 0 MT 0 MT 0 MT	Net Available Capacity 0 MT 0 MT 0 MT	 Available Stoc Convertion Factor(CF), Weight Factor(WP) 1.298 Cr, 1.3 Wp 3.676 Cr, 1.25 Wp 0.2 Cr, 1.1 Wp 	Weight of END Product (MT) Countity Countity	Weight of Waste Tyre used		
Available Stock Dom List of End Products End Products Reclaimed Rubber Recovered Carbon Black Crumb Rubber Modified Bitumen Crumb Rubber	Authorized Capacity 0 MT 0 MT 0 MT 75000 MT	Net Available Capacity 0 MT 0 MT 0 MT 0 MT 71078.97 MT	 Available Stoc Convertion Factor(CF), Weight Factor(WP) 1.298 Cr, 1.3 Wp 3.676 Cr, 1.25 Wp 0.2 Cr, 1.1 Wp 1.333 Cr, 1.0 Wp 	k Imported: 71110.9 Weight of END Product (MT) Cuartity Cuartity Cuartity Cuartity	23 MT Weight of Waste Tyre used Cuantity Cuantit		

(Figure 5)

Note: The recycler has to be careful while selecting the Type of Stock

- Domestically procured Tyre stock
- Imported Tyre stock (Applicable to only waste Tyre importers)

The Credit generated from imported waste tyres cannot be transferred to any other producers.

Instruction:

- i. The recycler has to fill this form for each sale invoice separately
- ii. The recycler can sell the recovered carbon black to the manufacturer only

iii. The recycler cannot sell 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 generated 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 X 1.333 X 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.

Entities	Crumb	Reclaimed	Crumb	Recovered	Pyrolysis oi	I and Char
	rubber	Rubber	rubber modified bitumen (CRMB)	carbon black	Continuous	Batch
Weightage (W₽)	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

The Conversion factors and Weightage of each end product given below

Note: The weightage Wp for imported waste tyres shall be 1 for all categories of end product

Step V: View the availability of Stock:

In this section, there are two separate stocks for domestic and import tyres

Vaste-Tyre	× +			- 0
\leftrightarrow \rightarrow C \triangle Not secure 125.	19.52.219:2025/wastetyre/recycler/stockdata			x 10 0
🔵 🛛 Waste Tyre	Management System			
Recycler M/s RAMA RECYCLERS PVT L		Stoc	k Availablity Sheet	
Application No. 506		[Domestic Data	
SS Dashboard	Stock Procured So For: 2163.2 MT	Stock Consumed: 0 MT	Available Stock: 2163.2 MT	
+ Add Procurement Details	<u></u>			
View Procurement Details			Imported Data	
+ Create EPR Credits View EPR Credit Data	Stock Procured So For: 71126.41 MT	Stock Consumed: 15.483 MT	Available Stock: 71110.927 MT	
EPR Wallet				
View EPR Credit Transaction Details				
G Stock Availability				
Annual/Quarterly Return				
Requisitions				
B How to Generate/Transfer				
📫 Logout				



Step VI: 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)

Step VII: 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)

Step VIII: Transfer Credits

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

Waste Tyre N	Nanagement System	
Recycler M/s Rama Recyclers Ltd Application No. 254	Financial Yea Financial Yea Available Credits (0)	Lon: Now the Producers & Recyclers can use
	Crumb r	ered carbon black
Dashboard	Authoris MT) Name of End Product Quantity of Credit (End Product) in MT Crumb rubber Credit Value	rised Capacity (in 100
+ Add Procurement Details	Available Capacity Producer Name Registration No	ble Production 100 ity (in MT)
View Procurement Details	Cumulat Producer Name Registration No.	ative EPR Credits 0
+ Create EPR Credits	Available Producer Address	ble EPR Credits 0
View EPR Credit Data	Transfer Producer Address	er EPR Credits
EPR Wallet	Transfer EPR Credit	
View EPR Credit Transaction Details		
How to Generate/Transfer	Crumb rubber modified bitumen Pyrolysis oil and char	
EPR clouits	Authorised Capacity (in 0 Authorised Capacity (in 0 MT) 0	
Logout	Available Production Capacity (in MT) 0 Capacity (in MT) 0	

(Figure 8)

Instruction:

- 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

 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

Note: The Credit generated from imported waste tyres cannot be transferred to any other producers. The recycler (waste tyre importer) can use these credits to fullfill their own EPR obligations

Step IX: View EPR credit transaction details:

The recycler can view the transaction details of EPR details transferred to producers by click on the **EPR credit transaction details**"" section. (Figure 9)

Waste Tyre Management System							
Recycler M/s Rama Recyclers Ltd Application No. 254	Transaction De	tails Transaction Number	Producer Name	Transaction Date	Quantity		
Dashboard	Reclaimed rubber	RR/254/241/2023-08-27/1	TVS Tryes Ltd	27-08-2023	10		
Add Procurement Details View Procurement Details							
+ Create EPR Credits O View EPR Credit Data							
EPR Wallet							
View EPR Credit Transaction Details How to Generate/Transfer EPR Credite							
Logout							
		/					

(Figure 9)

Important Note:

- Perform all actions considering the system validations and restrictions.
- Follow the stepwise instructions to avoid errors.
- Ensure accurate data entry for successful certificate generation and transfer.