

**Cabinet Resolution No. (116) of 2023**  
**Regulating the Work of Establishments Operating in the Integrated**  
**Management of Recyclable Substances in the State**

**The Cabinet,**

- Having reviewed the Constitution; and
- Federal Law No. (1) of 1972, Concerning the Competences of Ministries and Capacities of Ministers, and its amendments thereof; and
- Based upon the proposal submitted by the Minister of Climate Change and Environment, and the Cabinet’s approval,

**Has resolved as follows:**

**Article (1)**

**Definitions**

In application of the provisions of this Resolution, the words and expressions set forth herein shall bear the meanings ascribed to them, unless the context otherwise requires:

- State** : United Arab Emirates (UAE).
- Ministry** : The Ministry of Climate Change and Environment.
- Competent Authority** : The local Competent Authority in each Emirate of the UAE.
- The Integrated Management of Recyclable Materials** : Separation, collection, transportation, storage, reuse or recycling and treatment of recyclable materials, and disposal of residue, including aftercare of disposal sites.
- Waste Recycling** : Operations implemented on waste for extracting raw materials to be reused in commercial and industrial operations.
- Recyclable Materials** : Materials or waste that are used as inputs in a recycling establishment in order to produce new products.

- Residual Waste** : The residues resulting from waste recycling processes, which cannot be reused, recycled, or undergo any other processes, and end up in landfills.
- Recycling Establishment** : The licensed establishment operating in the State for recycling recyclable materials.
- Environmental Licence** : A document issued by the Ministry or the competent authority, as the case may be, for the environmental permit applicant to establish, amend, operate or complete a project, an establishment or an activity, including the conditions and procedures required for environment protection and environmental impact reduction.

## **Article (2)**

### **Objectives**

This Resolution aims to:

1. Promote the circular economy in the State by supporting the conversion of recyclable materials into value-added products.
2. Support waste recycling and treatment processes and use such waste as raw materials to promote human health, protect the environment, and achieve sustainable development.
3. Organize the operations of the integrated management of recyclable materials in the State.

## **Article (3)**

### **Scope of Application**

Provisions of this Resolution shall apply to recycling establishments, imported recycling establishments, and establishments exporting recyclable materials in the State as stipulated in Table No. (1) attached to this Resolution, including those located within the free zones.

## **Article (4)**

### **Licensing Establishments Operating at the Integrated Management of Recyclable Materials**

Establishments operating at the Integrated Management of Recyclable Materials as stipulated in table No. (1) attached to this Resolution shall obtain necessary licenses from the competent authorities according to the procedures and conditions set by such authorities.

## **Article (5)**

### **Collecting Recyclable Materials**

1. The licensed establishment, pursuant to the provisions of Article (4) of this Resolution, shall collect recyclable materials specified in the permitted commercial activities of the license only.
2. Unlicensed natural person or establishment pursuant to the provisions of Article (4) of this Resolution shall be prohibited to collect recyclable materials from waste containers, landfills, or any sectors generating such materials.

## **Article (6)**

### **Recycling Recyclable Materials**

1. The recycling establishment shall use approved and proper methods for processing recyclable materials in the State according to the conditions and standards specified in the applicable legislations and as set in the environmental license issued for such establishment.
2. The recycling establishment shall abide by sound and safe disposal of the residual waste after the recycling process ends. This shall be in accordance with the conditions and standards specified in the applicable legislations and in coordination with the competent authority.
3. The recycling establishment shall be permitted to import recyclable materials specified in Table No. (1) attached to this Resolution (Clauses: Second, Third and Fifth) upon obtaining a permit issued by the Ministry, according to the following requirements:

- a. The materials that will be imported shall not be classified as hazardous waste pursuant to the provisions of the Basel Convention.
- b. Concentration of contaminants in the imported recyclable materials shall be within the limits specified in Table No. (2) attached to this Resolution and as per the requirements of the competent authority.
- c. The application shall be submitted via the digital service of the Ministry (The service of applying for Recyclable Materials Import), and the following documents shall be attached with the application:
  1. A letter of approval/No Objection Certificate issued by the competent authority in the Emirate where the recycling establishment is located.
  2. Commercial license of the recycling establishment.
  3. A valid contract between the exporter in the exporting State and the recycling establishment.
  4. A laboratory examination at a laboratory that is approved in the exporting State for the recyclable materials being imported into the State indicating the concentration of contaminants in such components.
  5. An official letter issued by the competent authority in the exporting State confirming that the materials imported into the State are separated and not mixed with other hazardous waste, and that imported materials have been sorted out in an environmentally sound and safe manner.
  6. A valid insurance for the shipment.
4. The recycling establishment shall work to reduce the residual waste from the recycling process and shall dispose such waste appropriately, provided that percentage of the residual waste shall not exceed 10% of the imported recyclable materials used in the recycling establishment.
5. The competent authority shall take the necessary measures to release the shipments imported into the State upon inspection in an approved laboratory within the State.

6. The recycling establishment shall be prohibited from using the imported recyclable materials for uses that are not allowed by the Ministry and shall comply with the uses specified in the import permit.
7. The recycling establishment shall be responsible for returning the shipment to the exporting State and shall incur all associated financial costs if the establishment fails to comply with any of the requirements specified in clause (3) of this Article.

## **Article (7)**

### **Recyclable Materials Export**

1. The recycling establishment shall process recyclable materials generated in the State in accordance with the activity license issued for the establishment. The establishment licensed under the provisions of Article (4) of this Resolution may engage in the export of recyclable materials listed in Table No. (1) attached to this Resolution according to the following technical requirements:
  - a. Recyclable materials listed in Table No. (1) attached to this Resolution shall be subject to the provisions of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal if such materials exhibit any of the hazardous properties listed in Table No. (4) attached to this Resolution.
  - b. If recyclable materials are not classified as hazardous waste, the establishment exporting the recyclable materials listed in Table No. (1) attached to this Resolution shall adhere to the following requirements:
    1. Each type of recyclable material listed in Table No. (1) attached to this Resolution shall be separated from all other materials.
    2. Recyclable materials shall be cleaned and cut in the State according to the specifications listed in Table No. (3) attached to this Resolution.
    3. Recyclable materials shall be free from hazardous contaminants listed in Table No. (2) attached to this Resolution, subject to a laboratory examination issued by an approved laboratory in the State.

4. A laboratory examination from an approved laboratory confirming the absence of the hazardous properties listed in Table No. (4) attached to this Resolution shall be provided.
  5. An official letter issued by the competent authority in the importing State detailing the method of processing and recycling shall be obtained.
2. If the requirements provided in Paragraph (B) of clause (1) of this Article are fulfilled, the application can be submitted via the Ministry's digital service (The service of applying for Recyclable Materials Export) and the following documents shall be attached:
- a. Commercial license of the exporting establishment.
  - b. A valid contract between the exporting establishment and the establishment that collects recyclable materials in the State.
  - c. A valid contract between the exporting establishment and the establishment that imports recyclable materials.
  - d. A valid insurance for the shipment.

## **Article (8)**

### **Reports and Reporting**

1. The establishment exporting recyclable materials shall submit a monthly report to the competent authority indicating the following:
  - a. A list of the States to which the recyclable materials were exported.
  - b. The types and quantities of the recyclable materials exported.
2. The recycling establishment shall submit a monthly report to the competent authority indicating the following:
  - a. A list of the States from which the recyclable materials were imported.
  - b. The types and quantities of the imported and locally generated recyclable materials.
  - c. Method of Recycling Imported Recyclable Materials.
  - d. The uses of the recycled products.

- e. The quantity of residual waste from the recycling process and the method of final disposal, associated with supporting documents.
3. The competent authority shall provide the data specified in clause (2) of this Article to the Ministry via the National Waste Database.

### **Article (9)**

The Minister may, upon coordination with the competent authorities, update the tables attached to this Resolution.

### **Article (10)**

#### **Repeals**

Any provision that violates or contradicts the provisions of this Resolution shall be repealed.

### **Article (11)**

#### **Publication and Entry into Force**

This Resolution shall be published in the Official Gazette and shall be enforced after (90) ninety days as of the date of its publication.

**Mohammed Bin Rashid Al Maktoum**

**Prime Minister**

**Issued by Us:**

**On: 06 Jumada I 1445 A.H.**

**Corresponding to: 20 November 2023 AD**

**Table No. (1)**  
**Recyclable Materials**

(As per the GCC Unified Customs Tariff 2022 Approved by the Cabinet)

No.	Item	Description	Customs Item
<b>First: Scrap and waste electrical and electronic equipment</b>		Electrical and Electronic Waste and Scrap:	
1	- - Waste and scrap of lead-acid accumulators; spent lead-acid accumulators	- - Waste and scrap of lead-acid accumulators; spent lead-acid accumulators	85491100
2	- - Other, containing lead, cadmium or mercury	- - Other, containing lead, cadmium or mercury	85491200
3	- - Unsorted and not containing lead, cadmium or mercury	-- Sorted by chemical type and not containing lead, cadmium or mercury	85491300
4	-- Sorted by chemical type and not containing lead, cadmium or mercury	- - Unsorted and not containing lead, cadmium or mercury	85491400
5	-- Other	-- Other	85491900
6	- - Containing primary cells, primary batteries, electric accumulators, mercury-switches, glass from cathode-ray tubes or other activated glass, or electrical or electronic components containing cadmium, mercury, lead or polychlorinated biphenyls (PCBs)	- - Containing primary cells, primary batteries, electric accumulators, mercury-switches, glass from cathode-ray tubes or other activated glass, or electrical or electronic components containing cadmium, mercury, lead	85492100

		or polychlorinated biphenyls (PCBs)	
7	-- Other	-- Other	85492900
8	- - Containing primary cells, primary batteries, electric accumulators, mercury-switches, glass from cathode-ray tubes or other activated glass, or electrical or electronic components containing cadmium, mercury, lead or polychlorinated biphenyls (PCBs)	- - Containing primary cells, primary batteries, electric accumulators, mercury-switches, glass from cathode-ray tubes or other activated glass, or electrical or electronic components containing cadmium, mercury, lead or polychlorinated biphenyls (PCBs)	85493100
9	- - Waste and scrap of integrated circuits	- - - Waste and scrap of integrated circuits	85493910
10	--- Other	--- Other	85493990
11	- - Containing primary cells, primary batteries, electric accumulators, mercury-switches, glass from cathode-ray tubes or other activated glass, or electrical or electronic components containing cadmium, mercury, lead or polychlorinated biphenyls (PCBs)	- - Containing primary cells, primary batteries, electric accumulators, mercury-switches, glass from cathode-ray tubes or other activated glass, or electrical or electronic components containing cadmium, mercury, lead or polychlorinated biphenyls (PCBs)	85499100

12	-- Other	-- Other	85499900
<b>Second: Plastic solid waste:</b>			
Plastic solid waste: (PE): ● High-density polyethylene (HDPE) ● Low-density polyethylene (LDPE) ● Linear Low-density polyethylene (LLDPE) - Polypropylene (PP) - Polyethylene terephthalate (PET)		Plastic waste: - Polyethylene (PE): ● High Density Polyethylene (HDPE) ● Low Density Polyethylene (LDPE) ● Linear Low Density Polyethylene (LLDPE) - Polypropylene (PP) - Polyethylene terephthalate (PET)	
1	- Of polymers of ethylene	- Of polymers of ethylene	39151000
2	- Of Other Plastics	- Of Other Plastics	93159000
<b>Third: Waste Pneumatic Tyres:</b>			
1	Waste, parings and scrap of rubber (other than hard rubber) and powders and granules obtained therefrom.	Waste, parings and scrap of rubber (other than hard rubber) and powders and granules obtained therefrom.	40040000
2	-- Of kind used on motor cars (including station wagons and racing cars)	-- Of kind used on motor cars (including station wagons and racing cars)	40121100
3	-- Of a kind used on buses lorries	-- Of a kind used on buses lorries	40121200
4	-- Of a kind used on buses aircraft	-- Of a kind used on buses aircraft	40121300
5	-- Other	-- Other	40121900
6	- Used pneumatic types	- Used pneumatic types	40122000
7	- Other	- Other	40129000

8	- - - Of kind used on motor cars (including station wagons and racing cars), buses or lorries	--- Of kind used on motor cars (including station wagons and racing cars), buses or lorries	40131000
9	- Of a kind used on bicycles	- Of a kind used on bicycles	40132000
10	- Other	- Other	40139000
<b>Fourth: Waste of used food/cooking oils:</b>			
1	---- Other	---- Other	15180019
2	--- Of vegetable origin	--- Of vegetable origin	15180020
3	--- Other	--- Other	15180090
<b>Fifth: Aluminium Dross:</b>			
1	- Containing mainly Aluminium	- Containing mainly Aluminium	26204000

**Table No. (2)****Concentration Limits of Contaminants**

<b>Contaminants</b>	<b>Regulatory limit (mg/L)</b>
Arsenic	5
Barium	100
Benzene	0.5
Benzo(a)pyrene	0.04
Cadmium	1
Carbon tetrachloride	0.5
Chlordane	0.03
Chlorobenzene	100.0
Chloroform	6.0
Chlorpyrifos	0.2
Chromium	5.0
o-Cresol	200.0
m-Cresol	200.0
p-Cresol	200.0
Cresol	200.0
Cyanide	16
2,4-D	10.0
1,2-Dichlorobenzene	4.3
1,4-Dichlorobenzene	7.5
1,2-Dichloroethane	0.5
1,1-Dichloroethylene	0.7
2,4-Dinitroroluene	0.13
Dichloromethane	8.6
Endrin	0.02

Ethylbenene	30
Fluoride	150
Fluroxypyr	2.0
Heptachlor (and its epoxide)	0.008
Hexachlorobenzene	0.13
Hexachlorobutadiene	0.5
Hexachloroethane	3.0
Lead	5.0
Lindane	0.4
Mercury	0.2
Methoxychlor	10.0
Methyl ethyl ketone	200.0
Molybdenum	5.0
Nickel	2.0
Nitrobenzene	2.0
Pentachlorophenol	100.0
Phenol (non-halogenated)	14.4
Pyridine	5.0
Picloram	3.0
Plasticiser compounds	1.0
Selenium	1.0
Silver	5.0
Tetrachloroethylene	0.7
Trichloroethylene	0.5
-Tetrachlorobenzene 1,2,3,4	0.5
1,1,1,2-Tetrachloroethane	10
1,1,2,2-Tetrachloroethane	1.3
1,1,1-Thrichloroethane	30

1,1,2-Trichloroethane	1.2
2,4,5-Trivhlorophenol	400.0
2,4,6-Trichlorophenol	2.0
Toluene	14.4
Triclopyr	2.0
2,4,5-TP (Silvex)	1.0
Vinyl chloride	0.2
Xylenes (total)	50

**Table No. (3)**

**Physical Properties of Recyclable Materials**

Type	Physical properties
Plastic solid waste	Conversion into granules/flakes
Waste pneumatic tires	Cutting until 150 mm

**Table No. (4)**

**Properties of Hazardous Waste**

Encryption Number	Properties
H1	Explosive materials
H3	Flammable liquids
H4.1	Flammable solids
H4.2	Materials or waste liable to spontaneous combustion
H4.3	Materials or waste that release flammable gases upon contact with water.
H5.1	Oxidizing agents
H5.2	Organic peroxides
H6.1	Toxic materials (with acute effects)
H6.2	Metallic materials
H8	Corrosive materials
H10	Release of toxic gases upon contact with air or water.
H11	Toxic materials (with delayed or chronic effects).
H12	Environmentally hazardous materials
H13	Materials that are capable of, by some means, upon disposal, producing another substance, such as those that may result from leaching and are characterized by any of the above-listed properties.