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**GOVERNMENT NOTICES • GOEWERMENTSKENNISGEWINGS**

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**DEPARTMENT OF ENVIRONMENT, FORESTRY AND FISHERIES**

NO. 1186

05 NOVEMBER 2020

**NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008  
(ACT NO. 59 OF 2008)****EXTENDED PRODUCER RESPONSIBILITY SCHEME FOR THE LIGHTING SECTOR**

I, Barbara Dallas Creecy, Minister of Forestry, Fisheries and the Environment, hereby, under section 18(1) and (3) of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), require the producers of the identified products to implement specified extended producer responsibility measures, as set out in the Schedule hereto.



**BARBARA DALLAS CREECY  
MINISTER OF FORESTRY, FISHERIES AND THE ENVIRONMENT**

## SCHEDULE

### Definitions

1. In this Notice any word or expression to which a meaning has been assigned in the Act and in the Extended Producer Responsibility Regulations 2020, bears that meaning, and unless the context indicates otherwise—

**“brand owner”** means a person, category of persons or company who makes and/or sells any product under a brand label;

**“extended producer responsibility”** means that a producer’s responsibility for their product is extended to the post-consumer stage of a product’s life cycle;

**“Importer”** means a person or category of persons that brings finished goods or its individual components into the country from abroad;

**“lighting equipment”** means electrical or electronic equipment used for producing artificial light or illumination”, and also includes any peripherals of the lighting bodies such as luminaires, switch components, ballasts, fixtures and modules;

**“producer”** means any person or category of persons or a brand owner who is engaged in the commercial manufacture, conversion, distribution, refurbishment or import of new and/or used lighting equipment as identified by the Minister by notice in the *Government Gazette* in terms of section 18(1) of the Act;

**“producer responsibility organisation”** means a not-for-profit organisation established by any person operating in any of the industrial sectors covered in this Notice to support the implementation of their extended producer responsibility scheme;

**“the Act”** means the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008); and

**“the Regulations”** means the Extended Producer Responsibility Regulations, 2020, made under section 69(1)(b), (g), (i), (o), (l), (dd) and (ee) of the Act.

### Purpose of the Notice

2. (1) The purpose of this Notice is to require a producer or class of producers of the products listed in paragraph 4 of this Notice to set up procedures, processes and invest resources to implement the extended producer responsibility measures linked to-

(a) collection of their products in the post-consumer stage;

(b) reuse;

(c) recycling;

(d) recovery;

(e) refurbishment; and

(e) disposal of their products in the post-consumer stage.

- (2) This Notice must be read in conjunction with the Extended Producer Responsibility Regulations, 2020, made under section 69(1)(b), (g), (i), (l), (o), (dd) and (ee) of the Act.

### **Scope of the Notice**

3. This Notice applies to the products as identified in paragraph 4 of this Notice and the resulting waste which arises from the use by a consumer or an end user of lighting equipment.

### **The Identification of a product or class of products to which extended producer responsibility applies**

4. (1) Extended producer responsibility applies to the following identified products or class of products:
- (a) Lighting products: Different types of Lighting equipment include, but are not limited to:
- (i) Gas Discharge Lighting;
    - low pressure discharge Lighting: fluorescent (compact, linear and non-linear and nonfluorescent (low pressure sodium, low pressure mercury vapour);
    - high intensity discharge Lighting: high pressure sodium, low pressure sodium, metal halide, high pressure mercury vapour, xenon;
    - Lighting for special purposes;
  - (ii) All Light emitting diode (LED) lighting sources and types;
  - (iii) Signal/signage lighting as well as associated equipment;
  - (iv) Luminaires and lighting equipment fixtures or modules or associated electrical components;
  - (v) Laser, Pixel and ultraviolet irradiation (UVI) or ultraviolet germicidal irradiation (UVGI) lighting;
  - (vi) Automotive lighting and luminaires;
  - (vii) Incandescent (filament) light bulbs and Halogen; and
  - (viii) Off grid solar powered lighting.

### **Identification of the person or category of persons responsible for developing and implementing an extended producer responsibility scheme**

5. Producers of the Items listed in paragraph 4 of this Notice in conjunction with the current existing downstream waste economy role players, including the current collectors and recyclers, are responsible for developing and implementing an extended producer responsibility scheme.

**Responsibilities of producers**

6. (1) A producer, in operation at the time of publication of this Notice in the Gazette, of any of the products listed in paragraph 4 of this Notice must, within 6 months from the date of publication of this Notice in the Gazette, either—
- (a) develop and submit an extended producer responsibility scheme according to the Extended Producer Responsibility Regulations, 2020 to the Department; or
  - (b) establish a producer responsibility organisation who must develop and submit an extended producer responsibility scheme according to the Extended Producer Responsibility Regulations, 2020 to the Department.
- (2) A producer of any of the products listed in paragraph 4 of this Notice that commences operations after publication of this Notice in the Gazette must either -
- (a) develop and submit an extended producer responsibility scheme according to the Extended Producer Responsibility Regulations, 2020 to the Department within 6 months of commencing operations; or
  - (b) subscribe to an existing extended producer responsibility scheme within 3 months of commencing operations.

**Targets for each identified waste stream for the products listed in paragraph 4 of this Notice**

7. The targets for each identified waste stream for the products as contained in Annexure 1 to this Notice apply for a period of 5 years from the date of the implementation of the extended producer responsibility scheme.

## ANNEXURE 1

Product	Targets														
	Collection					Recovery					Recycling				
	Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5
(i) Gas Discharge Lamps	12%	16%	19%	23%	31%	90%	95%	96%	97%	98%	93%	93%	93%	93%	93%
Low pressure discharge lighting - Fluorescent	15%	20%	25%	30%	40%	90%	95%	96%	97%	98%	95%	95%	95%	95%	95%
HID	15%	20%	25%	30%	40%	90%	95%	96%	97%	98%	95%	95%	95%	95%	95%
Lighting for special purposes	5%	8%	8%	10%	12%	90%	95%	96%	97%	98%	90%	90%	90%	90%	90%
(ii) Retrofit LED	15%	20%	25%	25%	25%	78%	83%	83%	83%	88%	60%	70%	75%	75%	75%
LED linear tubes	15%	20%	25%	25%	25%	75%	80%	80%	80%	85%	60%	70%	75%	75%	75%
LED Bulbous shape	15%	20%	25%	25%	25%	80%	85%	85%	85%	90%	60%	70%	75%	75%	75%
(iii) New LED sources	5%	10%	15%	20%	20%	80%	85%	90%	90%	90%	70%	75%	85%	85%	85%
LED Lighting and luminaires	5%	10%	15%	20%	20%	80%	85%	90%	90%	90%	70%	75%	85%	85%	85%
(iv) Other Light Emitting Devices	10%	15%	20%	25%	30%	73%	73%	73%	73%	73%	62%	62%	65%	67%	67%
Vehicle/Automotive Lighting	10%	15%	20%	25%	30%	80%	80%	80%	80%	80%	50%	50%	60%	65%	65%
Lighting from other electronic equipment	10%	15%	20%	25%	30%	90%	90%	90%	90%	90%	85%	85%	85%	85%	85%
Others	10%	15%	20%	25%	30%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
(v) Luminaires and Lighting Equipment	5%	10%	15%	20%	30%	90%	92%	94%	96%	96%	95%	95%	95%	95%	95%
Fixtures/Modules/Associated electrical components	5%	10%	15%	20%	30%	90%	92%	94%	96%	96%	95%	95%	95%	95%	95%
(vi) Laser, Pixel and UGVC lighting	2%	2%	2%	2%	2%	70%	70%	70%	70%	70%	70%	70%	70%	70%	70%
Laser, Pixel and UGVC lighting	2%	2%	2%	2%	2%	70%	70%	70%	70%	70%	70%	70%	70%	70%	70%
(vii) off grid Solar powered lighting	5%	10%	15%	17%	19%	77%	78%	80%	80%	80%	80%	82%	85%	87%	87%
Off grid solar lighting	5%	10%	15%	20%	20%	80%	85%	90%	90%	90%	70%	75%	85%	85%	85%
Lighting solar panels	5%	10%	15%	15%	18%	70%	70%	70%	70%	70%	90%	90%	90%	90%	90%
Solar lighting energy storage	5%	10%	15%	15%	18%	80%	80%	80%	80%	80%	80%	80%	80%	85%	85%
(viii) Incandescent and Halogen light bulbs	50%	60%	65%	70%	70%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
Halogen lamps	50%	60%	65%	70%	70%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
Incandescent filament lamps	50%	60%	65%	70%	70%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%

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