

L.N. 239 of 2022**PRODUCT SAFETY ACT
(CAP. 427)****Restriction of Use of Hazardous Substances in Electrical and Electronic Equipment (Amendment No. 2) Regulations, 2022**

IN EXERCISE of the powers conferred by articles 38 and 39 of the Product Safety Act, the Minister responsible for consumer affairs, on the advice of the Director General (Technical Regulations), has made the following regulations:-

1. (1) The title of these regulations is the Restriction of Use of Hazardous Substances in Electrical and Electronic Equipment (Amendment No. 2) Regulations, 2022 and these regulations shall be read and construed as one with the Restriction of Use of Hazardous Substances in Electrical and Electronic Equipment Regulations, hereinafter referred to as "the principal regulations".

Citation, scope and commencement.
S.L. 427.57.

(2) The scope of these regulations is to transpose:

(a) Commission Delegated Directive (EU) 2022/274 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps for special purposes;

(b) Commission Delegated Directive (EU) 2022/275 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes;

(c) Commission Delegated Directive (EU) 2022/276 of 13 December 2021 amending, for the purpose of adapting to technical and scientific progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in single capped (compact) fluorescent lamps for general lighting purposes;

(d) Commission Delegated Directive (EU) 2022/277 of 13 December 2021 amending, for the purpose of adapting to

technical and scientific progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in single capped (compact) fluorescent lamps for general lighting purposes < 30 W with a lifetime equal to or above 20 000 h;

(e) Commission Delegated Directive (EU) 2022/278 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in metal halide lamps;

(f) Commission Delegated Directive (EU) 2022/279 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in other discharge lamps for special purposes;

(g) Commission Delegated Directive (EU) 2022/280 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in other low pressure discharge lamps;

(h) Commission Delegated Directive (EU) 2022/281 of 13 December 2021 amending, for the purpose of adapting to technical and scientific progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in single capped (compact) fluorescent lamps for special purposes;

(i) Commission Delegated Directive (EU) 2022/282 of 13 December 2021 amending, for the purpose of adapting to technical and scientific progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in non-linear tri-band phosphor lamps;

(j) Commission Delegated Directive (EU) 2022/283 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in High Pressure Sodium (vapour) lamps with improved colour rendering index for general lighting purposes;

(k) Commission Delegated Directive (EU) 2022/284 of 16 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in double-capped linear fluorescent lamps for general lighting purposes; and

(l) Commission Delegated Directive (EU) 2022/287 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for mercury in fluorescent lamps for other general lighting and special purposes.

(3) These regulations shall come into force on 1st October 2022.

2. Schedule III to the principal regulations shall be amended as follows:

Amends
Schedule III to
the principal
regulations.

(a) item 1 thereof shall be substituted by the following new item:

"1 Mercury in single capped (compact) fluorescent lamps not exceeding (per burner):	
1(a) For general lighting purposes < 30 W: 2.5 mg	Expires on 24 February 2023
1(b) For general lighting purposes ≥ 30 W and < 50 W: 3.5 mg	Expires on 24 February 2023
1(c) For general lighting purposes ≥ 50 W and < 150 W: 5 mg	Expires on 24 February 2023
1(d) For general lighting purposes ≥ 150 W: 15 mg	Expires on 24 February 2023
1(e) For general lighting purposes with circular or square structural shape and tube diameter ≤ 17 mm: 5 mg	Expires on 24 February 2023
1(f)-I For lamps designed to emit mainly light in the ultraviolet spectrum: 5 mg	Expires on 24 February 2027
1(f)-II For special purposes: 5 mg	Expires on 24 February 2025
1(g) For general lighting purposes < 30 W with a lifetime equal or above 20,000 h: 3.5 mg	Expires on 24 August 2023";

(b) item 2(a) thereof shall be substituted by the following new item:

"2(a) Mercury in double-capped linear fluorescent lamps for general lighting purposes not exceeding (per lamp):	
2(a)(1) Tri-band phosphor with normal lifetime and a tube diameter < 9 mm (e.g. T2): 4 mg	Expires on 24 February 2023

2(a)(2) Tri-band phosphor with normal lifetime and a tube diameter ≥ 9 mm and ≤ 17 mm (e.g. T5): 3 mg	Expires on 24 August 2023
2(a)(3) Tri-band phosphor with normal lifetime and a tube diameter > 17 mm and ≤ 28 mm (e.g. T8): 3.5 mg	Expires on 24 August 2023
2(a)(4) Tri-band phosphor with normal lifetime and a tube diameter > 28 mm (e.g. T12): 3.5 mg	Expires on 24 February 2023
2(a)(5) Tri-band phosphor with long lifetime ($\geq 25,000$ h): 5 mg.	Expires on 24 February 2023";

(c) item 2(b) thereof shall be amended as follows:

(i) entry (3) thereof shall be substituted by the following new entry:

"2(b)(3)Non-linear tri-band phosphor lamps with tube diameter > 17 mm (e.g. T9): 15 mg	Expires on 24 February 2023; 10 mg may be used per lamp from 25 February 2023 until 24 February 2025"; and
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(ii) entry (4) thereof shall be substituted by the following new entry:

"2(b)(4)-ILamps for other general lighting and special purposes (e.g. induction lamps): 15 mg	Expires on 24 February 2025
2(b)(4)-IIILamps emitting mainly light in the ultraviolet spectrum: 15 mg	Expires on 24 February 2027
2(b)(4)-IIIEmergency lamps: 15 mg	Expires on 24 February 2027";

(d) item 3 thereof shall be substituted by the following new item:

"3 Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes used in EEE placed on the market before 24 February 2022 not exceeding (per lamp):	
3(a) Short length (≤ 500 mm): 3.5 mg	Expires on 24 February 2025
3(b) Medium length (> 500 mm and $\leq 1,500$ mm): 5 mg	Expires on 24 February 2025
3(c) Long length ($> 1,500$ mm): 13 mg	Expires on 24 February 2025"; and

(e) item 4 shall be amended as follows:

(i) entry (a) thereof shall be substituted by the

following new entry:

"4(a) Mercury in other low pressure discharge lamps (per lamp): 15 mg	Expires on 24 February 2023
4(a)-I Mercury in low pressure non-phosphor coated discharge lamps, where the application requires the main range of the lamp-spectral output to be in the ultraviolet spectrum: up to 15 mg mercury may be used per lamp	Expires on 24 February 2027";

(ii) entry (b) thereof shall be substituted by the following new entry:

"4(b) Mercury in High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner) in lamps with improved colour rendering index $R_a > 80$: $P \leq 105$ W: 16 mg may be used per burner	Expires on 24 February 2027
4(b)-I Mercury in High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner) in lamps with improved colour rendering index $R_a > 60$: $P \leq 155$ W: 30 mg may be used per burner	Expires on 24 February 2023
4(b)-II Mercury in High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner) in lamps with improved colour rendering index $R_a > 60$: 155 W $< P \leq 405$ W: 40 mg may be used per burner	Expires on 24 February 2023
4(b)-III Mercury in High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner) in lamps with improved colour rendering index $R_a > 60$: $P > 405$ W: 40 mg may be used per burner	Expires on 24 February 2023";

(iii) entry (c) thereof shall be substituted by the following new entry:

"4(c) Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner):	
4(c)-I $P \leq 155$ W: 20 mg	Expires on 24 February 2027
4(c)-II 155 W $< P \leq 405$ W: 25 mg	Expires on 24 February 2027
4(c)-III $P > 405$ W: 25 mg	Expires on 24 February 2027";

(iv) entry (e) thereof shall be substituted by the following new entry:

"4(e) Mercury in metal halide lamps (MH)	Expires on 24 February 2027"; and
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(v) entry (f) thereof shall be substituted by the following new entry:

"4(f)-I Mercury in other discharge lamps for special purposes not specifically mentioned in this Annex	Expires on 24 February 2025
4(f)-II Mercury in high pressure mercury vapour lamps used in projectors where an output ≥ 2000 lumen ANSI is required	Expires on 24 February 2027
4(f)-III Mercury in high pressure sodium vapour lamps used for horticulture lighting	Expires on 24 February 2027
4(f)-IV Mercury in lamps emitting light in the ultraviolet spectrum	Expires on 24 February 2027".

Amends
Schedule VIII to
the principal
regulations.

3. Schedule VIII to the principal regulations shall be amended as follows:

(a) immediately after the last paragraph "Commission Delegated Directive (EU) 2021/1980 of 11 August 2021 amending, for the purposes of adapting to scientific and technical progress, Annex IV to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of bis(2-ethylhexyl) phthalate (DEHP) in ion-selective electrodes for analysing human body fluids and/or dialysate fluids *****." thereof, there shall be added the following new items:

" Commission Delegated Directive (EU) 2022/274 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps for special purposes *****.

Commission Delegated Directive (EU) 2022/275 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes *****.

Commission Delegated Directive (EU) 2022/276 of 13 December 2021 amending, for the purpose of adapting to technical and scientific progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in single capped (compact) fluorescent lamps for general lighting

purposes *****.

Commission Delegated Directive (EU) 2022/277 of 13 December 2021 amending, for the purpose of adapting to technical and scientific progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in single capped (compact) fluorescent lamps for general lighting purposes < 30 W with a lifetime equal to or above 20000 h *****.

Commission Delegated Directive (EU) 2022/278 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in metal halide lamps *****.

Commission Delegated Directive (EU) 2022/279 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in other discharge lamps for special purposes *****.

Commission Delegated Directive (EU) 2022/280 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in other low pressure discharge lamps *****.

Commission Delegated Directive (EU) 2022/281 of 13 December 2021 amending, for the purpose of adapting to technical and scientific progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in single capped (compact) fluorescent lamps for special purposes *****.

Commission Delegated Directive (EU) 2022/282 of 13 December 2021 amending, for the purpose of adapting to technical and scientific progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in non-linear tri-band phosphor lamps *****.

Commission Delegated Directive (EU) 2022/283 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in High Pressure Sodium (vapour) lamps with improved colour rendering index for general lighting purposes *****.

Commission Delegated Directive (EU) 2022/284 of 16 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for the use of mercury in double-capped linear fluorescent lamps for general lighting purposes *****.

Commission Delegated Directive (EU) 2022/287 of 13 December 2021 amending, for the purposes of adapting to scientific and technical progress, Annex III to Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for mercury in fluorescent lamps for other general lighting and special purposes *****."; and

(b) immediately after the footnote "***** Applicable as from 1st July 2022.", there shall be added the following new footnote:

***** Applicable as from 1st October 2022."
