

**Comparison table of Annex 3 and Annex 4. New and previous version of the Technical Regulations on Restrictions on the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (the Ukrainian RoHS).**

1. **Annex 3** following items should be read as follows

New version		Old version	
Exception	Scope and duration of application	Exception	Scope and duration of application
1.1. 2(b)(4)-I - in other lamps for general lighting and special purposes (for example, induction lamps) - 15 milligrams*	to the determination by the Cabinet of Ministers of Ukraine of the term of application of the specified exception	2(b)(4)-I - in other lamps for general lighting and special purposes (for example, induction lamps) - 15 milligrams	until February 24, 2025
1.2 “4(f)-I. - Mercury in other discharge lamps for special purposes (other than those specified in Annex 3)*	to the determination by the Cabinet of Ministers of Ukraine of the term of application of the specified exception”	Mercury in other discharge lamps for special purposes (other than those specified in Annex 3)	until February 24, 2025
1.3 9(a)-III Up to 0.7% hexavalent chromium by <i>mass</i> , used as an anticorrosive agent in the working fluid of a sealed system of carbon steel gas-adsorption heat pumps for indoor and water heating		9(a)-III Up to 0.7% hexavalent chromium by <i>weight</i> , used as an anticorrosive agent in the working fluid of a sealed system of carbon steel gas-adsorption heat pumps for indoor and water heating	
1.4 39 (a) Cadmium selenide in cadmium-based semiconductor nanocrystalline quantum dots for wavelength conversion ("downshifting") used in display backlighting (less than 0.2 micrograms of cadmium per 1 square millimeter of display screen area)	until November 21, 2025	Without changes	to the determination by the Cabinet of Ministers of Ukraine of the term of application of the specified exception
1.5 39 (b) Cadmium in semiconductor nanocrystalline quantum dots with a wavelength conversion function (“downshifting”), which are directly applied to semiconductor LED chips for use in displays and projection devices (less than 5 micrograms of cadmium per 1 square millimeter of LED chip surface) with a maximum content of 1 milligram per device	until December 31, 2027	No this item in the previous edition	-

<p>1.6 46 Cadmium and lead in plastic profiles that contain mixtures made from waste polyvinyl chloride (hereinafter referred to as reconstituted rigid polyvinyl chloride) and that are used for electrical and electronic windows and doors should be restricted in this way:</p> <p>the cadmium content of reduced rigid polyvinyl chloride should not exceed 0.1 percent by weight;</p> <p>the lead content of reconstituted rigid polyvinyl chloride should not exceed 1.5% by weight.</p> <p>As of May 28, 2026, remanufactured rigid polyvinyl chloride from electrical and electronic windows and doors should only be used for the production of such new products:</p> <p>1) profiles for outdoor use in buildings and civil structures, with the exception of decking and terraces;</p> <p>2) profiles for decking and terraces, provided that the reduced rigid polyvinyl chloride is contained in the middle layer, which is completely covered with a layer of polyvinyl chloride or other material in which the lead concentration is lower than 0.1 percent by weight;</p>	<p>until May 28, 2028-for electrical and electronic equipment belonging to Category 11 defined in Appendix 1</p>	<p>No this item in the previous edition</p>	<p>-</p>
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3) profiles for use in confined spaces or voids of buildings and civil structures (if they are not available during normal use, except for maintenance, for example, laying cable channels);

4) profiles for internal construction works, provided that after installation, the entire surface of the profile returned to the corresponding areas of the building is made using polyvinyl chloride or other material in which the lead concentration is lower than 0.1 percent by weight.

Business entities that have delivered products made of polyvinyl chloride containing reconstituted rigid polyvinyl chloride with a lead concentration equal to or greater than 0.1 percent by weight of polyvinyl chloride must ensure that the products are marked with a visible, legible and indelible marking: “contains  $\geq 0.1\%$  lead”. If it is impossible or unjustifiable to apply this label to the product due to the nature of the product, it is applied to its packaging.

At the request of the state market supervision authority, business entities that have delivered polyvinyl chloride products containing reconstituted rigid polyvinyl chloride must provide documentary evidence of the

<p>reconstituted origin of polyvinyl chloride.</p> <p>Confirmation of the content of reconstituted rigid polyvinyl chloride in products can be certificates of conformity issued according to the results of the assessment of compliance with the requirements of DSTU EN 15343: 2022 (EN 15343: 2007, IDT “ ” plastics. Recycled plastics. Plastic recycling tracking "assessment of compliance and content of recycled materials" or EN 15343: 2007</p> <p><b>(came into force 24.09.2024)</b></p>			
<p>1.7 add the following footnote " * " to the appendix:</p> <p>"*" The exception applies when the electrical and electronic equipment specified in it refers to products specified in “a”-“d” of Annex A to the Minamata Convention on Mercury, ratified by the Law of Ukraine of May 29, 2023 No. 3116-IX “on Ukraine's accession to the Minamata Convention on Mercury”.</p>	-		

2. **Annex 4** following items should be read as follows

<b>New version</b>		<b>Old version</b>	
Exception	Scope and duration of application	Exception	Scope and duration of application
<p>Mercury in melt pressure transmitters in capillary rheometers at temperatures above 300 °C and pressures above 1000 <b>bar (came into force 24.09.2024)</b></p>	<p>to the determination by the Cabinet of Ministers of Ukraine of the term of application of the specified exception-for electrical and electronic equipment belonging to Category 9, defined in Annex 1”.</p>	<p>No this item in the previous edition</p>	<p>-</p>