

Global RoHS Comparison Table

Country/Region	Implementation Date	Product Categories	Exclusions	Substances (maximum % wgt)	Exemptions	Conformity Assessment	Labeling	Regulation
EU	21 July 2011	<p>1. Large household appliances</p> <p>2. Small household appliances</p> <p>3. IT and telecommunications equipment</p> <p>4. Consumer equipment</p> <p>5. Lighting equipment</p> <p>6. Electrical and electronic tools</p> <p>7. Toys, leisure and sports equipment</p> <p>8. Medical devices</p> <p>9. Monitoring and control instruments</p> <p>10. Automatic dispensers</p> <p>11. Other EEE not covered by the above categories</p>	<p>Military/security equipment</p> <p>Equipment designed to be sent into space</p> <p>Equipment part of another type of equipment that is excluded/not in scope</p> <p>Large-scale stationary industrial tools</p> <p>Large-scale fixed installations</p> <p>Means of transport</p> <p>Professional use non-road mobile machinery</p> <p>Active implantable medical devices</p> <p>Photovoltaic panels</p> <p>R&D equipment</p> <p>Pipe organs</p>	<p>Lead (0,1%)</p> <p>Mercury (0,1%)</p> <p>Cadmium (0,01%)</p> <p>Hexavalent chromium (0,1%)</p> <p>Polybrominated biphenyls (PBB) (0,1%)</p> <p>Polybrominated diphenyl ethers (PBDE) (0,1%)</p> <p>Bis(2-ethylhexyl) phthalate (DEHP) (0,1%)</p> <p>Butyl benzyl phthalate (BBP) (0,1%)</p> <p>Dibutyl phthalate (DBP) (0,1%)</p> <p>Diisobutyl phthalate (DIBP) (0,1%)</p>	Yes	<p>Module A internal production control</p> <p>Self-declaration</p>	<p>CE marking</p> 	RoHS Directive 2011/65/EU
Bangladesh	10 June 2026	<p>Household appliances, including:</p> <p>compact fluorescent lamps</p> <p>refrigerators</p> <p>washing machines</p> <p>dishwashers</p> <p>microwave ovens</p> <p>other electrical/electronic appliances used for cooking and processing of food</p> <p>IT and telecommunication equipment, including:</p> <p>computer monitors</p> <p>laptops</p> <p>notebook/note pad or similar device</p> <p>printers</p> <p>photocopiers</p> <p>scanners</p> <p>calculators</p> <p>Monitoring and control instruments, including:</p> <p>heating regulators</p> <p>thermostats</p> <p>weighing instruments (domestic and laboratory use)</p> <p>testing and control equipment or equipment installed in industrial power plants</p> <p>central air conditioners/chillers</p> <p>measuring and adjusting instruments (domestic and laboratory use)</p> <p>Medical equipment, including:</p> <p>physical therapy devices</p> <p>defibrillators</p> <p>MRI equipment</p> <p>diagnostic imaging equipment</p> <p>biomedical/pathological testing devices</p> <p>urinalysis equipment</p> <p>endoscopy equipment</p> <p>hematology equipment</p> <p>vital sign monitors</p> <p>ultrasound equipment</p> <p>Automatic dispensers:</p> <p>automatic dispensers for beverages/drinks</p> <p>automated teller machines</p>		<p>Lead (0,1%)</p> <p>Mercury (0,1%)</p> <p>Cadmium (0,01%)</p> <p>Hexavalent chromium (0,1%)</p> <p>Polybrominated biphenyls (PBB) (0,1%)</p> <p>Polybrominated diphenyl ethers (PBDE) (0,1%)</p> <p>Bis(2-ethylhexyl) phthalate (DEHP) (0,1%)</p> <p>Butyl benzyl phthalate (BBP) (0,1%)</p> <p>Dibutyl phthalate (DBP) (0,1%)</p> <p>Diisobutyl phthalate (DIBP) (0,1%)</p>	No	In reducing the use of hazardous substances in electrical and electronic products, information related to reduction i.e. all hazardous substances that have been reduced and all hazardous substances that remain should be added to the product information booklet		Hazardous Waste (E-Waste) Management Rules 2021
Brazil	Proposed	<p>Electronic equipment, including:</p> <p>home appliances</p> <p>computer and telecommunications equipment</p> <p>lighting equipment</p> <p>consumer equipment</p> <p>photovoltaic modules</p> <p>electronic tools</p> <p>toys</p> <p>sports and leisure equipment</p> <p>electronic medical devices</p> <p>electronic in vitro diagnostic devices</p> <p>electronic veterinary devices</p> <p>monitoring and control instruments</p> <p>automatic dispensers</p>	<p>military/security equipment</p> <p>equipment designed to be sent into space</p> <p>equipment part of another type of equipment that is excluded/not in scope</p> <p>large-scale stationary industrial tools</p> <p>large-scale fixed installations</p> <p>means of transport</p> <p>professional use non-road mobile machinery</p> <p>active implantable medical devices</p> <p>photovoltaic panels</p> <p>R&D equipment</p> <p>batteries</p>	<p>Lead (0,1%)</p> <p>Mercury (0,1%)</p> <p>Cadmium (0,01%)</p> <p>Hexavalent chromium (0,1%)</p> <p>Polybrominated biphenyls (PBB) (0,1%)</p> <p>Polybrominated diphenyl ethers (PBDE) (0,1%)</p> <p>Bis(2-ethylhexyl) phthalate (DEHP) (0,1%)</p> <p>Butyl benzyl phthalate (BBP) (0,1%)</p> <p>Dibutyl phthalate (DBP) (0,1%)</p> <p>Diisobutyl phthalate (DIBP) (0,1%)</p>	<p>Yes</p> <p>Initial list of exempt applications, with validity periods, to be issued within 180 days of publication</p>	<p>Self-declaration</p> <p>Registration in the National Registry of Electronic Equipment with Restrictions on Hazardous Substances</p>	<p>Electronic equipment which is subject to reverse logistics will be required to bear the following symbol, indicating selective disposal:</p> 	<p>Draft Resolution establishing restrictions on the use of certain hazardous substances in electronic equipment sold in the national territory</p>
China	12 March 2019	<p>refrigerators</p> <p>air conditioners</p> <p>washing machines</p> <p>electric water heaters</p> <p>printers</p> <p>copiers</p> <p>fax machines</p> <p>televisions</p> <p>monitors</p> <p>microcomputers</p> <p>mobile communication devices</p> <p>telephones</p>	<p>equipment involved in the production, transmission and distribution of electrical energy, such as power plants, power transmission and distribution stations, and systems and equipment responsible for power supply and distribution to buildings;</p> <p>military equipment;</p> <p>electrical and electronic equipment for use in special or extreme environments;</p> <p>electrical and electronic equipment for export (must comply with the provisions governing restricted use of hazardous substances in the destination country/region);</p> <p>products imported temporarily or electrical and electronic equipment entering the country for repair but not for sale;</p> <p>prototypes for scientific research/R&D or for testing;</p> <p>samples or exhibits etc. used for the purposes of exhibition but not for sale</p>	<p>Lead (0,1%)</p> <p>Mercury (0,1%)</p> <p>Cadmium (0,01%)</p> <p>Hexavalent chromium (0,1%)</p> <p>Polybrominated biphenyls (PBB) (0,1%)</p> <p>Polybrominated diphenyl ethers (PBDE) (0,1%)</p> <p>From 1 January 2026: ***</p> <p>Diisobutyl phthalate (DIBP) (0,1%)</p> <p>Di-n-butyl phthalate (DBP) (0,1%)</p> <p>Butylbenzyl phthalate (BBP) (0,1%)</p> <p>Di(2-ethylhexyl) phthalate (DEHP) (0,1%)</p>	<p>Yes</p> <p>Expiry dates not specified</p>	<p>Listed EEPs only:</p> <p>1. Voluntary Certification conducted by third-party certification agency.</p> <p>2. Self-Declaration conducted independently by supplier.</p>	<p>EFUP</p> <p>1. Hazardous substances not present/do not exceed concentration limits in GB/T 26572: green 'e' indicating environmental-friendly product which can be recycled</p>  <p>2. Limits exceeded: orange logo showing EFUP. Products to enter into the recycling system after EFUP.</p>  <p>Conformity Marks</p> <p>1. Products voluntarily certified</p>   <p>2. Self-declared proc.....</p>	<p>Administrative measures</p> <p>Product catalogue and exemptions list</p> <p>GB/T 26572-2011</p> <p>Amendment No. 1 to RoHS Standard GB/T 26572-2011 ***</p> <p>S/JT 11364-2014</p> <p>S/JT 11364-2024 ***</p> <p>GB 26572-2025 ***</p>
EAEU	1 March 2018	<p>domestic electrical appliances</p> <p>electronic computers & peripherals</p> <p>telecommunications equipment</p> <p>electric office equipment</p> <p>electrical & electronic tools</p> <p>lighting</p> <p>electric musical instruments</p> <p>arcade and vending machines</p> <p>audio equipment</p> <p>automatic machines</p> <p>cash registers, ticket printing machines, ID card readers, ATMs, information kiosks</p> <p>cables, wires and cords intended for use at a rated voltage not exceeding 500V AC and / or DC</p> <p>automatic switches and residual current devices</p> <p>fire, security and fire-security detectors</p>	<p>EEE to be used exclusively as component of equipment not in scope</p> <p>electric toys</p> <p>photovoltaic panels/solar panels used as part of EEE</p> <p>products designed to be used in land-based and orbiting space objects</p> <p>electrical equipment intended exclusively for use in air, water, land and underground transport</p> <p>electric batteries</p> <p>used EEE</p> <p>measuring instruments</p> <p>medical devices</p>	<p>Lead (0,1%)</p> <p>Mercury (0,1%)</p> <p>Cadmium (0,01%)</p> <p>Hexavalent chromium (0,1%)</p> <p>Polybrominated biphenyls (PBB) (0,1%)</p> <p>Polybrominated diphenyl ethers (PBDE) (0,1%)</p>	<p>Yes</p> <p>Expiry dates specified</p>	<p>Declaration of conformity, according to one of a number of schemes.</p> <p>The declaration of conformity is subject to registration on request of the applicant to the accredited certifying body</p>	<p>EAEU conformity mark</p> <p>To be applied to the product in any way that provides a clear image throughout the entire service life of the product, and must also be provided in the operating documents attached to it</p> 	Decision No. 113_2016 approving TR TC 037/2016
GCC	Proposed	EU categories 1-11	<p>military/security equipment</p> <p>equipment designed to be sent into space</p> <p>equipment part of another type of equipment that is excluded/not in scope</p> <p>large-scale stationary industrial tools</p> <p>large-scale fixed installations</p> <p>means of transport</p> <p>professional use non-road mobile machinery</p> <p>active implantable medical devices</p> <p>photovoltaic panels</p> <p>R&D equipment</p>	<p>Lead (0,1%)</p> <p>Mercury (0,1%)</p> <p>Cadmium (0,01%)</p> <p>Hexavalent chromium (0,1%)</p> <p>Polybrominated biphenyls (PBB) (0,1%)</p> <p>Polybrominated diphenyl ethers (PBDE) (0,1%)</p> <p>Diisobutyl phthalate (DIBP) (0,1%)</p> <p>Di-n-butyl phthalate (DBP) (0,1%)</p> <p>Butylbenzyl phthalate (BBP) (0,1%)</p> <p>Di(2-ethylhexyl) phthalate (DEHP) (0,1%)</p>	<p>Yes</p> <p>To be specified in final measure</p>	<p>Model Inspection conformity assessment procedure, and compliance with the GSO's Gulf Conformity Tracking System</p>	<p>Gulf Conformity Mark</p> 	<p>Gulf Technical Regulation for Prohibition of Hazardous Substances in Electrical and Electronic Equipment</p>

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India	01 April 2023 01 April 2025 for EEE specified in Schedule – II C 01 April 2028 for components/consumables/parts/spares required for EEE specified in Schedule – II C, provided reduction of hazardous substances compliant parts and spares are not available	Information technology and telecommunication equipment, including: mainframes, minicomputers personal computers (central processing unit with input and output devices) laptops (central processing unit with input and output devices) notebook computers notebook computers printers (including cartridges) copying equipment user terminals and systems fax machines telephones (including pay, cordless and cellular) products or equipment for transmitting sound, images or other information by telecommunications tablets phablets scanner router inverters Consumer electric and electronics, including: television sets (including sets based on LCD and LED technology) refrigerators washing machines air-conditioners (excluding centralised air conditioning plants) fluorescent and other mercury-containing lamps solar panels/cells, solar photovoltaic panels/cells/modules Large and small electrical and electronic equipment, including: large cooling appliances freezers clothes dryers dishwashers electric cookers electric stoves electric heating appliances vacuum cleaners Electrical and electronic tools: drills equipment for turning, milling, sanding, grinding, sawing, cutting, shearing, drilling, making holes, punching, folding, bending or similar processing of wood, metal and other materials tools for mowing or other gardening activities Toys, leisure and sports equipment: hand-held video games consoles sports equipment with electric or electronic components Medical devices: radiotherapy equipment and accessories cardiology equipment and accessories dialysis equipment and accessories pulmonary ventilators and accessories Laboratory instruments: gas analyser equipment having electrical and electronic components	electrical and electronic equipment used for defence and other similar strategic applications waste batteries packaging plastics radio-active wastes large-scale stationary industrial tools filament bulbs implantable medical devices	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%)	Yes Some expiry dates specified	Producers must provide detailed information on the constituents of the equipment and their components or consumables or parts or spares along with a declaration of conformance to the reduction of hazardous substances provisions in the product user documentation. Certification must be obtained through a recognised laboratory.		E-Waste (Management) Rules, 2022
Japan* <i>*disclosure only</i>	20 January 2008	personal computers unit-type air conditioners television sets refrigerators washing machines clothes dryers microwaves		Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%)	Yes Expiry dates not specified	Information disclosure (where limit exceeded)	No limit exceeded or exemption applies - green 'G' mark voluntary  Concentration limits exceeded - mandatory orange 'R' mark on product, package and catalogue 	J-Moss JIS C 0950:2021
Kosovo	4 December 2014	EU categories 1-10	military equipment incandescent light bulbs equipment designed to be sent into space large-scale stationary industrial tools large-scale fixed installations means of transport professional use non-road mobile machinery R&D equipment medical equipment, active implantables and laboratory diagnostic equipment	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%)	Yes Expiry dates not specified	Module A internal production control procedure	CE marking 	Administrative Instruction No. 25/2014
Mexico* <i>*voluntary testing standard</i>	26 November 2010	Electrotechnical products per IEC 62321:2008 (withdrawn 23 March 2018)			No	Testing for presence of 6 hazardous substances		Standard NMX-J-634-ANCE-2010 https://sidena.anceonee.org.mx/Normalizacion/Pages/ComitesTecnicos/Normas-Publicadas-Producto.aspx?id=NMX-J-634-ANCE-2010
Moldova	23 December 2017	EU categories 1-10	military/defence equipment part of another type of equipment that is excluded/not in scope equipment designed to be sent into space large fixed industrial tools large fixed installations, except for equipment inside such installations, but which are not specially designed and installed as part of those installations transport vehicles for passengers or goods, except for electric two-wheel vehicles which are not approved for circulation off-highway mobile equipment, accessible exclusively for professional use equipment designed exclusively for R&D active implantable medical devices	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%)	Yes Expiry dates not specified	Module A internal production control Self-declaration	Either SM conformity marking or CE marking. After EU accession, CE marking only  	Waste Management Law No. 209, 2018
Moldova <i>*new</i>	Proposed	EU categories 1-11	per EU	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%) Bis(2-ethylhexyl) phthalate (DEHP) (0,1%) Butyl benzyl phthalate (BBP) (0,1%) Dibutyl phthalate (DBP) (0,1%) Dibutyl phthalate (DBP) (0,1%)	Yes Expiry dates specified (per EU)	Module A internal production control Self-declaration	Either SM conformity marking or CE marking. After EU accession, CE marking only  	Draft Decision Approving Technical Regulation on Restriction on the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
North Macedonia	11 August 2021	category 1 - temperature exchange equipment category 2 - screens, monitors and equipment having screens with an area greater than 100 cm2 category 3 - lamps category 4 - large equipment (equipment with any external dimension >50 cm) including, but not limited to: household appliances, information and communication technology and telecommunication equipment, consumer equipment, lighting equipment, equipment reproducing sound or images, musical equipment, electrical and electronic tools, toys, sports and recreation equipment, medical devices, monitoring and control instruments, automatic dispensers, equipment for the production of electrical currents) category 5 - small equipment (equipment where no external dimension >50 cm) including, but not limited to: household appliances, consumer equipment, lighting equipment, equipment reproducing sound or images, musical equipment, electrical and electronic tools, toys, sports and recreation equipment, medical devices, monitoring and control instruments, automatic dispensers, equipment for the production of electrical currents) category 6 - small information and communication technology and telecommunication equipment (any equipment where no external dimension should be >50 cm)	military/defence equipment part of another type of equipment that is excluded/not in scope lamp with a burner (hot wire) equipment designed to be sent into space large-scale stationary industrial tools large fixed installations, except equipment that is not specially designed and installed as part of those installations transport vehicles for passengers or goods, except for electric two-wheel vehicles which are not approved for circulation non-road mobile machinery available for professional use only R&D equipment medical devices and in-vitro diagnostic medical devices that are expected to be infectious before the end of the use cycle active implantable medical devices	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%)	Yes Expiry dates specified	Internal production control procedure	CE marking 	North Macedonian WEEE Law 2021

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Republic of Srpska (Bosnia and Herzegovina)	1 June 2016	EU categories 1-11	per EU	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%) Bis(2-ethylhexyl) phthalate (DEHP) (0,1%) Butyl benzyl phthalate (BBP) (0,1%) Dibutyl phthalate (DBP) (0,1%) Diisobutyl phthalate (DIBP) (0,1%)	Yes Expiry dates specified	Internal production control procedure Self-declaration	Conformity mark 	Republic of Srpska (Bosnia and Herzegovina): Restriction of Use of Certain Hazardous Substances in Electrical and Electronic Equipment, Regulation, May 2016
Saudi Arabia	9 July 2021	home appliances ICT equipment lighting equipment electrical and electronic tools and equipment games, entertainment devices and tools and sports equipment monitoring and control tools	medical equipment weapons and military equipment equipment intended to be sent into space wide ranged fixed industrial tools extensive fixed equipment	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%)	Yes Expiry dates not specified	Conformity assessment form (Type 1a) according to ISO/IEC 17067		RoHS Technical Regulation, 2021
Saudi Arabia <small>*new</small>	Proposed	EU categories 1-7; 9-11	medical devices	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%) Bis(2-ethylhexyl) phthalate (DEHP) (0,1%) Butyl benzyl phthalate (BBP) (0,1%) Dibutyl phthalate (DBP) (0,1%) Diisobutyl phthalate (DIBP) (0,1%)	Yes	Conformity assessment form Type 5 (internal production control) Supplier's declaration of conformity		Restriction on the Use of Hazardous Substances in Electrical and Electronic Equipment, Draft Technical Regulation, July 2023
Serbia	1 July 2011	EU categories 1-7 and 10	military/defence equipment part of another type of equipment that is excluded/not in scope large stationary industrial tools printer toner cartridges medical devices, including diagnostic devices, implanted products, and products that may cause infection monitoring and control instruments	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%)	Yes Some expiry dates specified			Management of Waste from and Hazardous Substances in Electrical and Electronic Equipment, Pravnik, December 2010
Switzerland	1 September 2012	EU categories 1-11	per EU	per EU	Yes Expiry dates specified (per EU)	Internal production control procedure		Ordinance May 2005 - ORRChem RS 814.81
Singapore	1 June 2017	Controlled EEE: air-conditioners televisions mobile phones tablets portable computers refrigerators washing machines Lamps: cold cathode fluorescent lamps, and external electrode fluorescent lamps, used for electronic displays (mercury) fluorescent lamps used primarily for general lighting purposes (mercury) high pressure mercury vapour lamps used primarily for general lighting purposes	batteries products designed for industrial use only second hand EEE	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%)	Yes Expiry dates not specified	Importers and distributors must submit a completed declaration form to Singapore's National Environment Agency at the point of import of the controlled EEE. Local manufacturers must submit the declaration before the sale of the EEE.		SG-RoHS
South Korea <small>*updated</small>	01 January 2008 1 January 2028 - all EEE <small>****</small>	refrigerators vending machines electric water purifiers air conditioners dehumidifiers televisions personal computers navigation devices copying machines printers facsimile scanners beam projectors wired/wireless routers mobile phone terminals washing machines electric ovens microwave ovens food waste processors dishwashers electric bidets air purifiers electric heaters audio devices electric rice cookers water softener humidifiers electric irons electric fans mixers vacuum cleaners video players toasters electric kettles electric water heaters electric frying pans hair dryers treadmills surveillance cameras food dryers electric massagers foot bath machines sewing machines video game consoles (excluding portable) bread machines ryers coffee makers medicinal decoction devices dehydrators all EEE <small>****</small> (1 January 2028)	medical devices products used as parts of a vehicle military equipment products used as large fixed industrial equipment and large fixed facilities 1 January 2028 <small>****</small> transportation equipment military supplies industrial machinery medical devices batteries and lighting products electrical and electronic equipment requiring separate handling from general EEE solar panels lamps	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%) Bis(2-ethylhexyl) phthalate (DEHP) (0,1%) Butyl benzyl phthalate (BBP) (0,1%) Dibutyl phthalate (DBP) (0,1%) Diisobutyl phthalate (DIBP) (0,1%)	Yes Expiry dates not specified	Self-declaration Manufacturers/importers of electrical and electronic products must announce compliance with the hazardous substance restrictions by one of the following methods: 1. Posting on the operation management information system, the Korean Environment Corporation; 2. Posting on their own website. In this case, the head of the Korean Environment Corporation must be notified.		K-RoHS Presidential Decree No. 35467, 2025

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Taiwan*	Phased implementation including, but not limited to: *disclosure only *updated	IT and audiovisual products plugs and socket-outlets for fixed wiring adapters cord extension sets (detachable and non-detachable) cable reels wireless network media players and external projectors printers and copying machines self-ballasted fluorescent lamps single-phase AC motors low voltage three-phase induction motors (rated output power under 74.6kW 75kW ^{****}) electric storage tank water heaters electric bells no fuse breakers leakage circuit breakers household switch for fixed wiring plugs and socket-outlets for appliances cables and wires handheld electric tools electrostatic converters for the use of automatic data processors and communication equipment switching mode power supplies other types of power supplies other types of electrostatic converters lithium storage battery other types of storage batteries chargers for 3C batteries various electrical household appliances ^{****} electric vehicle charging equipment ^{****} stationary lithium battery storage devices and electrical power conversion systems (battery capacity of 20kWh or less, with proposal to increase to 100kWh or less) ^{****} photovoltaic Inverters (proposed) ^{****}	medical equipment products used to protect national security or secrets, and for military purposes products not powered by electricity products that do not require electrical and electronic components to achieve their main functions equipment forming part of other types of products batteries large fixed industrial machinery	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%)	Yes	Either of following commodity inspection schemes: - Registration of Product Certification (RPC) Scheme or - Type-approved Batch Inspection (TABI) Scheme Hazardous Substance Content Table - on product body, packaging, sticker or instruction booklet - on website (company web address to be marked on product body, packaging, sticker or instruction booklet)	Commodity Inspection Mark & RoHS label Registration of product certification (RPC) Restricted substance(s) content does not exceed threshold  Restricted substance (XX) at a percentage level that exceeds the reference value  Type-approved batch inspection (TABI) Restricted substance(s) content does not exceed threshold  Restricted substance (XX) at a percentage level that exceeds the reference value 	CNS 15683:2013 Product lists for which CNS 15663 must be applied: https://www.bsmi.gov.tw/Website/tp?ctNode=90948&clUnit=35894&BaseDSD=7&mp=1 https://www.bsmi.gov.tw/Website/tp?ctNode=90909&clUnit=35874&BaseDSD=7&mp=1
Thailand*	6 January 2022 *voluntary standard	large household appliances small household appliances IT and telecommunications equipment consumer equipment lighting equipment electrical and electronic tools leisure and sports equipment medical devices monitoring and control instruments automatic dispensers	military equipment used for national security equipment designed to be launched into space large industrial equipment large stationary equipment means of transport of persons or goods non-road mobile machinery made available exclusively for professional use dental implant medical devices solar panels installed by experts for use in designated areas equipment specially designed for research and development purposes only, etc.	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%) Bis(2-ethylhexyl) phthalate (DEHP) (0,1%) Butyl benzyl phthalate (BBP) (0,1%) Dibutyl phthalate (DBP) (0,1%) Diisobutyl phthalate (DIBP) (0,1%)	Yes Expiry dates not specified			http://www.ratchakitcha.soc.go.th/DATA/PDF/2552/E/017/50.PDF
Turkey	1 February 2023	EU categories 1-11	per EU	per EU (10 substances)	Yes Expiry dates take into account changes in EU legislation	Module A internal production control procedure EU Declaration of Conformity (Turkish translation shall be attached)	CE marking 	Turkey Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, Regulation, December 2022
UAE	28 April 2017	EU categories 1-11	military/security equipment outer space equipment specially designed equipment part of another type of equipment that is excluded/not in scope large-scale stationary industrial tools large-scale fixed installations non-type approved means of transport non-road mobile machinery made available exclusively for professional use active implantable medical devices professional photovoltaic panels R&D Equipment for 52B basis products for general lighting covered under the UAE Cabinet Decision No. 34 of 2013	per EU (10 substances)	Yes Expiry dates not specified	2 options: Option 1: Mandatory under ECAS Option 2: Model H under EQM Technical documentation	ECAS conformity mark and, if using model H, Emirates Quality Mark 	Regulation No. 10, 2017
Ukraine	22 September 2017	EU categories 1-11	per EU	per EU (10 substances)	Yes Expiry dates specified	Module A internal production control procedure	National Conformity Mark 	Resolution No. 139, 2017
United Kingdom	2 January 2013	EU categories 1-11	per EU	per EU (10 substances)	Yes Expiry dates specified	Module A internal production control procedure Self-declaration	CE marking or UKCA marking 	UK RoHS Recast Implementation
Uzbekistan	16 February 2026 *new	refrigerators, freezers and other refrigerating or freezing equipment equipment for treatment of sheets, clothes and shoes - washing, ironing, drying, cleaning equipment intended for sanitary-hygiene purposes power sources, chargers, voltage stabilizers electric toys personal computers personal computer peripherals cables, wires and cords for use in places with a constant and variable rated voltage not exceeding 500 V automatic switches and circuit breakers control equipment electronic means of communication, including fixed and mobile telephones, automatic telephones, telefaxes, telexes vending and gaming machines fire protection equipment	equipment used for special technical means of state defence equipment with a voltage exceeding 1000 V AC and 1500 V DC not listed in Annex 1 components of electrical equipment not in scope photovoltaic panels products intended for use in terrestrial and orbital space objects electrical equipment intended exclusively for use in air, water, underground and land transport electric batteries and accumulators intended for use as components of electrical and radioelectronic products previously used and (or) in-use equipment large stationary industrial equipment measuring instruments medical products	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%) Bis(2-ethylhexyl) phthalate (DEHP) (0,1%) Butyl benzyl phthalate (BBP) (0,1%) Dibutyl phthalate (DBP) (0,1%) Diisobutyl phthalate (DIBP) (0,1%)	Yes	Declaration of conformity as per Scheme 1D, 2D, 3D, 4D or 6D Certification at the applicant's discretion per Scheme 1C, 2C, 3C or 6C	Conformity mark per national standard O'z DS1 139:2022 Technical Regulations on Restricting the Use of Hazardous Substances in Electrical and Electronic Products, Resolution No. 517, 2025 O'z DS1 139:2022	
Vietnam	Proposed Proposed implementation date: 1 January 2026	large household appliances small household appliances IT and telecommunications equipment consumer equipment photovoltaic panels lighting equipment electrical and electronic tools medical devices toys, leisure and sports equipment monitoring and control instruments automatic dispensers "miscellaneous" category 11 comprising two wheel electric scooter, electrical cables that are less than 250V working voltage and unfinished cables such as cable reels without plugs	large-scale stationary industrial tools active implantable medical devices electrical and electronic components batteries spare parts used to repair, reuse or upgrade electrical and electronic products electrical and electronic products for military purposes; satellite equipment list of fluorescent lamp products specified in the Appendix of QCVN 02:2020/BCT list of children's toys specified in Appendix 1 of QCVN 3:2019/BKHCN	Lead (0,1%) Mercury (0,1%) Cadmium (0,01%) Hexavalent chromium (0,1%) Polybrominated biphenyls (PBB) (0,1%) Polybrominated diphenyl ethers (PBDE) (0,1%) Bis(2-ethylhexyl) phthalate (DEHP) (0,1%) Butyl benzyl phthalate (BBP) (0,1%) Dibutyl phthalate (DBP) (0,1%) Diisobutyl phthalate (DIBP) (0,1%)	Yes Expiry dates not specified	Conformity assessment will be based on testing results of registered certification organisations. Certificates of conformity differ for domestically-produced and imported goods: Domestically-produced electrical and electronic products: - Method 5: Test typical samples and evaluate the production process - Method 7: Testing and evaluating batches of products and goods Imported electrical and electronic products: - Method 1: Test typical samples - Method 5: Test typical samples and evaluate the production process Certificates of conformity must be registered at the Service of Industry and Trade where the organisation or individual registers production, business and import activities.	CR Mark 	National technical regulation on the restriction of the use of certain hazardous substances in electrical and electronic equipment