

NEA/HS/6.6

15 Nov 2019

To: All Traders & Declaring Agents

Dear Sir/Madam,

CONTROL OF CERTAIN MERCURY-ADDED PRODUCTS UNDER THE ENVIRONMENTAL PROTECTION AND MANAGEMENT ACT

Following consultation with industry since Aug 2016, the National Environment Agency (“NEA”) gazetted additional controls for mercury-added products under the Environmental Protection and Management Act (“EPMA”) on 29 Dec 2017. With effect from **1 Jan 2020**, the manufacture, import and export of the following mercury-added products will not be allowed:

Control of Mercury-added Products	
Fluorescent lamps	The following fluorescent lamps for general lighting purposes: <ul style="list-style-type: none"> • Compact fluorescent lamps with mercury content exceeding 5 mg per lamp • Triband phosphor linear fluorescent lamps <60 watts with mercury content exceeding 5 mg per lamp • Other fluorescent lamps with mercury content exceeding 10 mg per lamp¹
High pressure mercury vapour (HPMV) lamps	HPMV lamps for general lighting purposes
Cold cathode fluorescent lamps (CCFLs) and external electrode fluorescent lamps (EEFLs)	The following CCFLs and EEFLs for electronic displays: <ul style="list-style-type: none"> • Short length (≤500mm) with mercury content exceeding 3.5 mg per lamp • Medium length (>500 mm and ≤1500 mm) with mercury content exceeding 5 mg per lamp • Long length (>1500 mm) with mercury content exceeding 13 mg per lamp
Non-electronic measuring devices	The following non-electronic measuring devices: <ul style="list-style-type: none"> • Barometers • Hygrometers • Manometers • Thermometers² • Sphygmomanometers

¹ Compact fluorescent lamps with more than 5mg mercury per lamp and linear/circular fluorescent lamps with more than 10mg mercury per lamp are already controlled under the EPMA. The import and sale of non-compliant fluorescent lamps for local use have not been allowed since 1 Jul 2012.

² Mercury clinical thermometers are already controlled under the EPMA. The import and sale of new mercury clinical thermometers for local use have not been allowed since 1 Jul 2009.

Control of Mercury-added Products	
	Except those installed in large-scale equipment or those used for high precision measurement, where no suitable mercury-free alternative is available.
Switches and relays	Switches and relays, except very high accuracy capacitance and loss measurement bridges and high frequency radio frequency switches and relays in monitoring and control instruments with a maximum mercury content of 20 mg per bridge, switch or relay.

2 Companies with existing stock of the controlled mercury-added products imported before 1 Jan 2020 are allowed to be sold until depletion.

Harmonized System (“HS”) and Product Codes

3 The list of HS and Product codes are listed in **ANNEX A**. With effect from 1 Jan 2020, traders are required to use the appropriate HS and Product codes for their import and export TradeNet[®] permit applications. All such TradeNet permit applications will be subject to Pollution Control Department’s (PCD) processing and approval.

4 For more information on the control of Hazardous Substances, please visit the NEA website at - <http://www.nea.gov.sg/corporate-functions/resources/circulars/hazardous-substance-control-circulars>.

5 For further enquiries on TradeNet matters, you may contact NEA TradeNet officers at Tel: 63701916/63701917 or e-mail your enquiries to nea_pcd_hs@nea.gov.sg.

(This is a computer-generated circular and requires no signature.)

S/N	Product Category	HS Code	HS Description	Product Code	Product Code Description
1	Compact fluorescent lamps	85393110	Tubes for compact fluorescent hot cathode lamps excluding ultraviolet lamps	PCDMFL211	Mercury in hot cathode compact fluorescent lamps (exceeding 5 mg of mercury per lamp)
				PCDMFL311	Mercury in hot cathode compact fluorescent lamps (not exceeding 5 mg of mercury per lamp)
2	Compact fluorescent lamps	85393130	Compact fluorescent hot cathode lamps with built-in ballast excluding ultraviolet lamps	PCDMFL211	Mercury in hot cathode compact fluorescent lamps with built-in ballast (exceeding 5 mg of mercury per lamp)
				PCDMFL311	Mercury in hot cathode compact fluorescent lamps with built-in ballast (not exceeding 5 mg of mercury per lamp)
3	Linear fluorescent lamps	85393120	Other straight tubes for other fluorescent hot cathode lamps excluding ultraviolet lamps	PCDMFC213	Mercury in triband phosphor linear fluorescent lamps less than 60 watts (exceeding 5 mg of mercury per lamp)
				PCDMFC313	Mercury in triband phosphor linear fluorescent lamps less than 60 watts (not exceeding 5 mg of mercury per lamp)
				PCDMFC212	Mercury in other linear fluorescent lamps (exceeding 10 mg of mercury per lamp)
				PCDMFC312	Mercury in other linear fluorescent lamps (not exceeding

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					10 mg of mercury per lamp)
4	Circular fluorescent lamps	85393190	Other discharge fluorescent hot cathode lamps excluding ultraviolet lamps	PCDMFC212	Mercury in hot cathode circular fluorescent lamps (exceeding 10 mg of mercury per lamp)
				PCDMFC312	Mercury in hot cathode circular fluorescent lamps (not exceeding 10 mg of mercury per lamp)
5	High pressure mercury vapour lamps	85393200	Mercury or sodium vapour lamps and metal halide lamps	PCDMVP211	High pressure mercury vapour lamp
6	Cold cathode fluorescent lamps and external electrode fluorescent lamps	85393930	Other discharge fluorescent cold cathode lamps	PCDMCL211	Short length (not more than 500mm) cold cathode fluorescent lamps / external electrode fluorescent lamps (exceeding 3.5 mg of mercury per lamp)
				PCDMCL311	Short length (not more than 500mm) cold cathode fluorescent lamps / external electrode fluorescent lamps (not exceeding 3.5 mg of mercury per lamp)
				PCDMCL212	Medium length (more than 500 mm but not exceeding 1500 mm) cold cathode fluorescent lamps / external electrode fluorescent lamps (exceeding 5 mg of mercury per lamp)
				PCDMCL312	Medium length (more than 500 mm but not exceeding

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					1500 mm) cold cathode fluorescent lamps / external electrode fluorescent lamps (not exceeding 5 mg of mercury per lamp)
				PCDMCL213	Long length (more than 1500 mm) cold cathode fluorescent lamps / external electrode fluorescent lamps (exceeding 13 mg of mercury per lamp)
				PCDMCL313	Long length (more than 1500 mm) cold cathode fluorescent lamps / external electrode fluorescent lamps (not exceeding 13 mg of mercury per lamp)
7	Cold cathode fluorescent lamps and external electrode fluorescent lamps	85287292	Colour television receivers LCD, LED or flat panel display type not battery operated	PCDPTV211	Colour television receivers LCD, LED or flat panel display type not battery operated – Declaration of RoHS non-compliance where non-compliance is due to short length (not more than 500mm) cold cathode fluorescent lamps / external electrode fluorescent lamps (exceeding 3.5 mg of mercury per lamp), medium length (more than 500 mm but not exceeding 1500 mm) cold cathode fluorescent lamps / external electrode fluorescent lamps

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					(exceeding 5 mg of mercury per lamp), or long length (more than 1500 mm) cold cathode fluorescent lamps / external electrode fluorescent lamps (exceeding 13 mg of mercury per lamp).
				PCDPTV212	Colour television receivers LCD, LED or flat panel display type not battery operated – Declaration of RoHS non-compliance where non-compliance is not due to short length (not more than 500mm) cold cathode fluorescent lamps / external electrode fluorescent lamps (exceeding 3.5 mg of mercury per lamp), medium length (more than 500 mm but not exceeding 1500 mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (exceeding 5 mg of mercury per lamp), or long length (more than 1500 mm) cold cathode fluorescent lamps / external electrode fluorescent lamps (exceeding 13 mg of mercury per lamp).
				PCDPTV213	Colour television receivers LCD, LED or flat panel display

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					<p>type not battery operated, with short length (not more than 500mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (exceeding 3.5 mg of mercury per lamp), medium length (more than 500 mm but not exceeding 1500 mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (exceeding 5 mg of mercury per lamp), or long length (more than 1500 mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (exceeding 13 mg of mercury per lamp)</p>
				PCDPTV311	<p>Colour television receivers LCD, LED or flat panel display type not battery operated – Declaration of RoHS compliance (with or without short length (not more than 500mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (not exceeding 3.5 mg of mercury per lamp), medium length (more than 500 mm but not exceeding 1500 mm) cold cathode</p>

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					fluorescent lamps/ external electrode fluorescent lamps (not exceeding 5 mg of mercury per lamp), or long length (more than 1500 mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (not exceeding 13 mg of mercury per lamp)).
				PCDMIS901	Other colour television receivers LCD LED or flat panel television not battery operated, not covered under PCDPTV211, PCDPTV212, PCDPTV213, PCDPTV311.
8	Cold cathode fluorescent lamps and external electrode fluorescent lamps	85285200	Other monitors capable of directly connecting to and designed for use with automatic data processing system	PCDMMO211	Other monitors capable of directly connecting to and designed for use with automatic data processing system with short length (not more than 500mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (exceeding 3.5 mg of mercury per lamp), medium length (more than 500 mm but not exceeding 1500 mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (exceeding 5 mg of mercury per lamp), or long length (more

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					than 1500 mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (exceeding 13 mg of mercury per lamp)
				PCDMMO311	Other monitors capable of directly connecting to and designed for use with automatic data processing system with short length (not more than 500mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (not exceeding 3.5 mg of mercury per lamp), medium length (more than 500 mm but not exceeding 1500 mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (not exceeding 5 mg of mercury per lamp), or long length (more than 1500 mm) cold cathode fluorescent lamps/ external electrode fluorescent lamps (not exceeding 13 mg of mercury per lamp)
9	Thermometers	90251100	Liquid-filled thermometers for direct reading	PCDMER212	Mercury thermometers
10	Barometers, hygrometers, manometers	90258030	Hydrometers, barometers, hygrometers,	PCDMBH211	Mercury-added barometers,

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			psychrometers and any combination of these instruments not electrically operated		hygrometers and manometers
11	Sphygmomanometers	90189090	Other non-electronic medical, surgical or veterinary instruments and appliances	PCDMSR211	Mercury-added sphygmomanometers
12	Switches and relays	90321010	Thermostats electrically operated	PCDMSR211	Thermostats electrically operated with mercury switches
13	Switches and relays	85353019	Other isolating switches & make & break switches for a voltage over 1KV but not over 40KV	PCDMSR211	Mercury switches/ relays over 1KV but not over 40KV
14	Switches and relays	85353020	Other isolating switches & make & break switches for a voltage of 66KV or more	PCDMSR211	Mercury switches/ relays over 66KV
15	Switches and relays	85353090	Other isolating switches & make & break switches for a voltage over 40KV but less than 66KV	PCDMSR211	Mercury switches/ relays over 40KV but less than 66KV
16	Switches and relays	84769000	Parts of automatic goods vending machines	PCDMSR211	Mercury switches/relays for automatic goods vending machine
17	Switches and relays	84762100	Automatic beverage vending	PCDMSR211	Automatic beverage vending machine incorporating heating

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			machines with heating or refrigerating devices		or refrigerating devices with mercury switches/relays
18	Switches and relays	84762900	Automatic beverage vending machines with no heating or refrigerating devices	PCDMSR211	Automatic beverage vending machine, without heating or refrigerating devices, with mercury switches/relays
19	Switches and relays	84768100	Other goods vending machine incorporating heating or refrigerating devices	PCDMSR211	Other goods vending machine incorporating heating or refrigerating devices with mercury switches/relays
20	Switches and relays	84768900	Other goods vending machine with no heating or refrigerating devices	PCDMSR211	Other goods vending machine, without heating or refrigerating devices, with mercury switches/relays
21	Switches and relays	85364140	Relays for a voltage not over 60V & for a current of less than 16A	PCDMSR211	Mercury relays for a voltage not over 60V & for a current of less than 16A
22	Switches and relays	85364199	Other relays for a voltage not over 60V & for a current of 16A or more	PCDMSR211	Mercury relays for a voltage not over 60V & for a current of 16A or more
23	Switches and relays	85364990	Relays for a voltage over 60V but not over 1kV	PCDMSR211	Mercury relays for a voltage over 60V but not over 1kV
24	Switches and relays	85365033	Other inrush switches etc for a voltage not over 1kV & for a current of less than 16A	PCDMSR211	Mercury inrush switches for a voltage not over 1kV & for a current of less than 16A

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25	Switches and relays	85365039	Other inrush switches etc for a voltage not over 1kV	PCDMSR211	Mercury inrush switches for a voltage not over 1kV
26	Switches and relays	85365099	Other switches for a voltage not over 1kV	PCDMSR211	Mercury switches for a voltage not over 1kV