

NEA/HS/6.6  
IDA/CMALO/LIC-005/11-00

27 Apr 2017

To: All Traders & Declaring Agents

Dear Sir/Madam,

## **SINGAPORE'S RESTRICTION OF HAZARDOUS SUBSTANCES ("RoHS") IN ELECTRICAL AND ELECTRONIC EQUIPMENT ("EEE") UNDER THE ENVIRONMENTAL PROTECTION AND MANAGEMENT ACT**

With effect from **1 JUNE 2017**, the National Environment Agency ("NEA") will be restricting six Hazardous Substances in Electrical and Electronic Equipment ("EEE") under the Environmental Protection and Management Act ("EPMA") as follows:

| <b>6 Restricted Hazardous Substances</b> | <b>Allowable Concentration Limits</b> | <b>Controlled EEE</b>   |
|--|---------------------------------------|---|
| Lead (Pb)                                | Maximum 1,000ppm<br>(0.1% by weight)  | The types of EEE identified for control are:<br><ul style="list-style-type: none"> <li>• mobile phones</li> <li>• portable computers</li> <li>• refrigerators</li> <li>• air conditioners</li> <li>• panel TVs and</li> <li>• washing machines</li> </ul> |
| Mercury (Hg)                             |                                       |   |
| Hexavalent Chromium (Cr VI)              |                                       |   |
| Polybrominated Biphenyls (PBBs)          |                                       |   |
| Polybrominated Diphenyl Ethers (PBDEs)   |                                       |   |
| Cadmium (Cd)                             | Maximum 100ppm<br>(0.01% by weight)   |   |

2 A Hazardous Substances Licence will be required from Pollution Control Department ("PCD") for the import, export and sale of new mobile phones, portable computers, refrigerators, air conditioners, panel TVs and washing machines containing parts and/or components exceeding the stipulated limits above. Application for a Hazardous Substances Licence can be made online at <http://eservices.nea.gov.sg/pcls/>.

3 There will be a prohibition on the import for local sale of the 6 new EEE that exceed the above stipulated limits. Companies are required to apply for a Hazardous Substances licence for import of such EEE for re-export. Companies with existing stock of the 6 EEE that are imported before 1 June 2017, need not apply for a Hazardous Substances Licence. Existing stock of the 6 EEE are allowed to be sold until depletion.

4 Importers/traders are to submit to NEA a once-off declaration of conformity per company, to show proof that the 6 HS in the 6 new EEE comply with NEA's requirements. A template of the declaration of conformity can be found at URL link in Para 6.

#### **Harmonized System ("HS") and Product Codes**

5 The list of HS and Product codes are listed in **ANNEX A**. As some of the equipment mentioned in paragraph 2 such as mobile phones, wireless devices installed in portable computers are also controlled by the Infocomm Media Development Authority ("**IMDA**"), a joint TradeNet® Permit application will be required for import. With effect from 1 June 2017, traders are required to declare the import and export TradeNet® permit applications using the appropriate HS and Product codes. All permit applications will be subject to PCD's processing and approval.

6 For more information on the control of Hazardous Substances, please visit NEA web-site at - <http://www.nea.gov.sg/anti-pollution-radiation-protection/chemical-safety/hazardous-substances>.

7 For further enquiries, you may contact the NEA and IMDA TradeNet officers at Tel: 6731 9665 and at 62110647 or e-mail your enquiries to [nea\\_pcd\\_hs@nea.gov.sg](mailto:nea_pcd_hs@nea.gov.sg) and [tlsinfo@imda.gov.sg](mailto:tlsinfo@imda.gov.sg) respectively.

This is a joint message from the National Environment Agency (NEA), and the Infocomm Media Development Authority (IMDA).

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

**ANNEX A**

| S/No | Product Category  | HS Code               | Product Code | Product Code Description  |
|------|-------------------|-----------------------|--------------|---|
| 1    | Mobile phones     | 85171200 <sup>#</sup> | PCDMPH211    | Mobile phones – Declaration of <b>RoHS Non-Compliance</b> with valid licence  |
| 2    |                   |                       | PCDMPH311    | Mobile phones – Declaration of <b>RoHS Compliance</b>   |
| 3    |                   |                       | PCDMIS902    | Other mobile phones not covered under PCDMPH211 and PCDMPH311   |
| 4    | Portable Computer | 84713010 <sup>#</sup> | PCDPCO211    | Portable handheld computers not more than 10kg with at least CPU, Keyboard & a Display - Declaration of <b>RoHS Non-Compliance</b> with valid licence |
| 5    |                   |                       | PCDPCO311    | Portable handheld computers not more than 10kg with at least CPU, Keyboard & a Display- Declaration of <b>RoHS Compliance</b>                         |
| 6    |                   |                       | PCDMIS902    | Other portable handheld computers not more than 10kg with at least CPU, Keyboard & a Display not covered under PCDPCO211 and PCDPCO311                |
| 7    |                   | 84713020 <sup>#</sup> | PCDPCO212    | Laptops not more than 10kg with at least CPU, Keyboard & a display – Declaration of <b>RoHS Non-Compliance</b> with valid licence                     |
| 8    |                   |                       | PCDPCO312    | Laptops not more than 10kg with at least CPU, Keyboard & a display – Declaration of <b>RoHS Compliance</b>  |
| 9    |                   |                       | PCDMIS902    | Other laptops not more than 10kg with at least CPU, Keyboard & a display not covered under PCDPCO212 and PCDPCO312                                    |
| 10   | Refrigerators     | 84181010              | PCDRFG211    | Combined refrigerator-freezers, with separate external doors , household type– Declaration of <b>RoHS Non-Compliance</b> with valid licence           |
| 11   |                   |                       | PCDRFG311    | Combined refrigerator-freezers, with separate external doors ,  |

| S/No | Product Category | HS Code  | Product Code | Product Code Description  |
|------|------------------|----------|--------------|---|
|      |                  |          |              | household type– Declaration of <b>RoHS Compliance</b>   |
| 12   |                  |          | PCDMIS901    | Other combined refrigerator-freezers, with separate external doors , household type, not covered under PCDFRG211 and PCDFRG311  |
| 13   |                  |          | PCDFRG212    | Other combined refrigerator freezers with separate external doors, <b>that can be used for both industrial and household– Declaration of RoHS Non-Compliance</b> with valid licence |
| 14   |                  | 84181090 | PCDFRG312    | Other combined refrigerator freezers with separate external doors, <b>that can be used for both industrial and household – Declaration of RoHS Compliance</b>                       |
| 15   |                  |          | PCDMIS901    | Other combined refrigerator freezers with separate external doors, <b>solely industrial type</b> and/or not covered under PCDFRG212 and PCDFRG312                                   |
| 16   |                  |          | PCDFRG213    | Refrigerators compression household type– Declaration of <b>RoHS Non-Compliance with valid licence</b>  |
| 16   |                  | 84182100 | PCDFRG313    | Refrigerators compression household type– Declaration of <b>RoHS Compliance</b>   |
| 17   |                  |          | PCDMIS901    | Other refrigerators compression household type , not covered under PCDFRG213 and PCDFRG313  |
| 18   |                  |          | PCDFRG214    | Other household types of refrigerators– Declaration of <b>RoHS Non-Compliance with valid licence</b>  |
| 19   |                  | 84182900 | PCDFRG314    | Other household types of refrigerators– Declaration of <b>RoHS Compliance</b>   |
| 20   |                  |          | PCDMIS901    | Other household types of refrigerators , not covered under PCDFRG214 and PCDFRG314  |

| S/No | Product Category      | HS Code  | Product Code | Product Code Description   |
|------|-----------------------|----------|--------------|--|
| 21   | Air conditioners      | 84151010 | PCDACO211    | Window or Wall air conditioners of output not over 26.38KW - Declaration of <b>RoHS Non-Compliance with valid licence</b>                        |
| 22   |                       |          | PCDACO311    | Window or Wall air conditioners of output not over 26.38KW - Declaration of <b>RoHS Compliance</b>   |
| 23   |                       |          | PCDMIS901    | Other Window or Wall air conditioners of output not over 26.38KW, not covered under PCDACO211 and PCDACO311                                      |
| 24   |                       | 84151090 | PCDACO212    | Window or Wall air conditioners of output over 26.38KW – Declaration of <b>RoHS Non-Compliance with valid licence</b>                            |
| 25   |                       |          | PCDACO312    | Window or Wall air conditioners of output over 26.38KW - Declaration of <b>RoHS Compliance</b>   |
| 26   |                       |          | PCDMIS901    | Other Window or Wall air conditioners of output over 26.38KW, not covered under PCDACO212 and PCDACO312  |
| 27   | Panel TVs (Color TVs) | 85287292 | PCDPTV211    | Colour Television receivers LCD LED or flat panel television not battery operated - Declaration of <b>RoHS Non-Compliance with valid licence</b> |
| 28   |                       |          | PCDPTV311    | Colour Television receivers LCD LED or flat panel television not battery operated - Declaration of <b>RoHS Compliance</b>                        |
| 29   |                       |          | PCDMIS901    | Other Colour Television receivers LCD LED or flat panel television not battery operated, not covered under PCDPTV211 and PCDPTV311               |
| 30   | Washing Machines      | 84501110 | PCDWMA211    | Fully automatic washing machines each of dry linen capacity not over 6kg - Declaration of <b>RoHS Non-Compliance with valid licence</b>          |
| 31   |                       |          | PCDWMA311    | Fully automatic washing machines each of dry linen capacity not over 6kg - Declaration of <b>RoHS Compliance</b>                                 |
| 32   |                       |          | PCDMIS901    | Other fully automatic washing machines each of dry linen   |

| S/No | Product Category | HS Code  | Product Code | Product Code Description   |
|------|------------------|----------|--------------|--|
|      |                  |          |              | capacity not over 6kg, not covered under PCDWMA211 and PCDWMA311   |
| 33   |                  | 84501190 | PCDWMA212    | Fully automatic washing machines each of dry linen capacity over 6kg but not over 10kg - Declaration of <b>RoHS Non-Compliance with valid licence</b>                      |
| 34   |                  |          | PCDWMA312    | Fully automatic washing machines each of dry linen capacity over 6kg but not over 10kg - <b>Declaration of RoHS Compliance</b>   |
| 35   |                  |          | PCDMIS901    | Other fully automatic washing machines each of dry linen capacity over 6kg but not over 10kg, not covered under PCDWMA212 and PCDWMA312                                    |
| 36   |                  | 84501200 | PCDWMA213    | Other fully automatic washing machines each of dry linen capacity not over 10kg with built in drier - Declaration of <b>RoHS Non-Compliance with valid licence</b>         |
| 37   |                  |          | PCDWMA313    | Other fully automatic washing machines each of dry linen capacity not over 10kg with built in drier - Declaration of <b>RoHS Compliance</b>                                |
| 38   |                  |          | PCDMIS901    | Other fully automatic washing machines each of dry linen capacity not over 10kg with built in drier, not covered under PCDWMA213 and PCDWMA313                             |
| 39   |                  | 84501910 | PCDWMA214    | Other electrically operated, not fully automatic washing machines, each of dry linen capacity not over 10kg - Declaration of <b>RoHS Non-Compliance with valid licence</b> |
| 40   |                  |          | PCDWMA314    | Other electrically operated, not fully automatic washing machines, each of dry linen capacity not over 10kg - Declaration of <b>RoHS Compliance</b>                        |
| 41   |                  |          | PCDMIS901    | Other electrically operated, not fully automatic washing   |

| S/No | Product Category | HS Code  | Product Code | Product Code Description   |
|------|------------------|----------|--------------|--|
|      |                  |          |              | machines, each of dry linen capacity not over 10kg, not covered under PCDWMA214 and PCDWMA314                        |
| 42   |                  | 84502000 | PCDWMA215    | Washing machines of dry linen capacity exceeding 10kg - Declaration of <b>RoHS Non-Compliance with valid licence</b> |
| 43   |                  |          | PCDWMA315    | Washing machines of dry linen capacity exceeding 10kg - Declaration of <b>RoHS Compliance</b>                        |
| 44   |                  |          | PCDMIS901    | Washing machines of dry linen capacity exceeding 10kg, not covered under PCDWMA215 and PCDWMA 315                    |

*# The import of these product will be jointly controlled by IMDA and NEA using the above product codes.*