



NEA/RPNSD/NIRCS/19/03/0001

14 March 2019

To: All online sale platform sellers & buyers

Dear Sir/Mdm

LICENSING REQUIREMENTS FOR HIGH POWER LASER POINTERS UNDER THE RADIATION PROTECTION ACT

In Singapore, high power laser pointers are controlled under the Radiation Protection Act. It is an offence to import, export, possess, use, manufacture, sell, deal with or deal in high power laser pointers without a licence from the National Environment Agency in Singapore. Any person who imports, exports, keeps, possesses, uses, manufactures, sells, deals with or deals in any high power laser without a licence can be charged in court and is liable on conviction to a fine up to \$100,000 or to imprisonment for a term up to 5 years, or to both.

2 High power laser pointers are those of Class 3b and Class 4. Class 3b laser pointers typically have a power output of more than 5 milliwatts (mW) and less than 500 mW. If the power output is more than 500 mW, it would be deemed a Class 4 laser. Unfortunately, there were cases where high power laser pointers were erroneously classified as Class 1, 2 or 3a lasers. Some examples of high power laser pointers can be found in the **Annex**.

3 Injuries resulting from staring into the laser beam of a high power laser could include permanent damage to the eye and subsequent partial or total loss of vision. Hence, NEA generally would not issue any licence to members of the public for possession or use of high power laser pointers.

4 If you need any clarification, please contact Mr Steve Ang at ANG_Sern_Hong@nea.gov.sg or Ms Grace Chan at Grace_CHAN@nea.gov.sg.

Yours faithfully

Dr Yim Kok Kean
Head
Non-Ionising Radiation Control Section
Radiation Protection and Nuclear Science Department
National Environment Agency

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Annex

Examples of high power laser pointers

Class 3b



Class 4

