

General Guidance

STANDING COMMITTEE OF OFFICIALS (SCO)

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Mains Socket-outlet Mounted Nightlights

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Question 1

Are nightlights incorporating means for connection of external wiring and other electrical devices considered compliant with the relevant standards, including if they have power supply functionality through USB outlets or other connection means?

Answer 1

No. In accordance with clause 12.8 of AS/NZS 60598.2.12, the nightlight “*shall not incorporate means for the connection of external wiring and other electrical devices*”. The USB outlets are considered a “connection of any other device” and so a nightlight with USB outlets does not comply with AS/NZS 60598.2.12.

Question 2

Are mains socket-outlet mounted nightlights having Bluetooth (transmitter or receiver) or WiFi functionality to connect with other nightlights considered compliant with the requirement: “*shall not incorporate means for the connection of external wiring and other electrical devices*” as given in clause 12.8 of AS/NZS 60598.2.12”?

Answer 2

Yes – this clause relates to connections that are considered to be a physical connection or require some physical connection or require some physical interaction with the device (flipping a switch or inserting a wire or similar) to create the connection. If there is no physical interaction with the device to enable the wireless linkable function then, in this context, that function is not considered to ‘incorporate means for the connection of external wiring and other electrical devices’.

Question 3

Is a nightlight with an inductive charging plug portion (with no external contacts) and matching removeable, rechargeable nightlight considered a level 3 mains socket-outlet mounted nightlight requiring compliance to AS/NZS 60598.2.12?

Answer 3

Yes, the device is a level 3 nightlight as defined in AS/NZS4417.2 and both parts treated together as one unit and should be tested and reported together as a nightlight. If the integrally moulded plug component is sold separately, it is still classified as part of the nightlight, but will be treated as a component of the nightlight.

Note: as there are no external contacts of the inductive charging portion, this is not considered to ‘incorporate means for the connection of external wiring and other electrical devices’.

Question 4

Can a ‘nightlight’ with USB outlets (or other outlet connection means) be classified as a “power supply with an ‘indicator light’”?

Answer 4

No, if the device fits regulatory definition of a nightlight, it cannot be excluded by reclassifying as a power supply with a low level illuminance source. It is a regulatory determination as to if the device is a nightlight or not.

