 <p>PHILIPPINE HEART CENTER INCIDENT COMMAND POST</p>	Document Type	Document Code: GL-ICP-063
	GUIDELINES	Effective Date: SEPTEMBER 2020
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	SAFE USE OF UVC DISINFECTION MACHINE	Page: 2 of 3

I. STATEMENT OF THE POLICY

This policy shall serve as a safety precaution for healthcare personnel while using the UVC disinfection machine.


II. DEFINITION OF TERMS

UV LIGHT – Ultraviolet Light is a type of electromagnetic radiation that can be used for disinfecting water, surfaces, and air.

UVC – The most hazardous deep ultraviolet light. It is also referred to as Germicidal Light.

III. POLICY GUIDELINES

1. Healthcare Personnel shall be oriented / trained in the use of UVC disinfection machine.
2. The Engineering Department shall orient the healthcare personnel regarding the Safety Reminders during use of UVC disinfection machine (See Annex A).
3. UVC disinfection machine is used for disinfection purposes. It is used in addition to routine terminal cleaning.
4. Personnel should ensure that the room is terminally cleaned prior to UVC disinfection machine.
5. Staff must use appropriate PPE while manipulating the UVC machine.
6. PPE should be readily available and cleaned between users or personally allocated to each user.
 - 6.1. UV Protective Eyewear/Goggle or UV-absorbing fullface Shield
 - 6.2. Gloves
 - 6.3. Healthcare Personnel should wear lab coats that fasten securely at the wrists and up the neck so that no skin is exposed.
7. Staff must limit time and distance when working with the UVC Germicidal Light.
8. Warning label should be placed at the entrance before operating the UVC Germicidal Light.
9. Keep the UVC Germicidal Light in the provided protective case or metal guard after use.
10. UV Germicidal Light is requiring 30 minutes to 1 hour to a 23 - 25sqm for disinfection.
11. The area shall remain vacant for 15-30 minutes after UV light disinfection.

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Annex A

SAFETY REMINDERS USING UVC GERMICIDAL LIGHT

1. Never view the UVC Germicidal Light directly. It is not advisable to look directly at any distance.
2. Keep exposure time to a minimum. Keep as far away from it as practicable.
3. Hazard warning sign should be placed at the entrance to indicate the presence of UVC Germicidal Light.
Caution: UV Radiation Hazard. Use only with shielding in place. Protect eyes and skin from exposure to UV Light.
4. Eye and face protection must be inspected both regularly or before each use for damage or defects such as cracks, bleaching and replaced when necessary.
5. Do not touch the UVC Germicidal Light while working.
6. Do not use lamp near paper, cloth or other combustible material.
7. Bulbs should be wiped on a monthly basis with a soft cloth and dampened with alcohol.
8. UV lamps should be checked periodically with a UV meter (approximately every six (6) months to ensure that the appropriate intensity of UV light is being emitted for Germicidal Activity.