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གསོ་བ་ལྷན་ཁག།  
ཐིམ་ཕུ།

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MoH/DMS/47/2019-20/ 206

30<sup>th</sup> March 2020

## Notification

In view of general confusion with regards to requirements for the disinfection and decontamination of vehicles and designated quarantine facilities, and disposal of waste, the Ministry of Health would like to inform all concerned officials and agencies to follow the following protocol. The individual undertaking activities outlined in this protocol need not undergo quarantine as per the recommendations of WHO and CDC.

(Dechen Wangmo)

**Health Minister**

Chairperson for HEMC

## Protocol for Disinfection and Decontamination of Vehicles and Quarantine Facilities

In order to bring clarity of roles, and not waste human and associated resources (PPE, disinfectants, need for quarantine, etc) unnecessarily, MoH would like to inform all concerned officials and agencies to follow the following protocol for carrying out disinfection and decontamination.

*Please note that there is no need for individuals carrying out the following disinfection and decontamination to undergo quarantine after carrying out the task. This protocol has been developed based on the WHO and CDC guidelines.*

SN	Activity	PPE, disinfectants and equipment	Disinfection process	Disposal of waste
1	Vehicle delivering vegetables and food items <b>Responsibility:</b> <b>To be done by the drivers</b>	Face mask if available  Alcohol-based disinfectant and 2% glutaraldehyde solution	Wipe steering wheel, gear handle, door knobs, window handles, seats, switches, window panes, and frequently touched surfaces with alcohol-based disinfectant or 2% glutaraldehyde solution.  *No need to disinfect vehicle tyres or body and goods	Follow normal general waste disposal process
2	Vehicle delivering other goods (industrial, households, constructions, etc)-to be done by the drivers <b>Responsibility:</b> <b>To be done by the drivers</b>	Face mask if available  Alcohol-based disinfectant and 2% glutaraldehyde solution	Wipe steering wheel, gear handle, door knobs, window handles, seats, switches, window panes, and frequently touched surfaces with alcohol-based disinfectant or 2% glutaraldehyde solution  *No need to disinfect vehicle tyres or body and goods	Follow normal general waste disposal process
3	Vehicle transporting travellers from the COVID-19 affected countries and places, including vehicle transporting passenger from airport to designated hotels <b>Responsibility:</b> <b>To be done by BAFRA or MoH or any other agency assigned with the task</b>	Surgical face mask and utility gloves  Alcohol-based disinfectant or 2% glutaraldehyde solution	Disinfect seats, hand rails, window panes, door and window knobs, and frequently touched surfaces with alcohol-based disinfectant or 2% glutaraldehyde solutions  *No need to disinfect vehicle tyres or body and goods	Follow routine general waste disposal process

4	<p>Vehicle or ambulance transporting COVID-19 confirmed patient</p> <p><b>Responsibility:</b> <b>To be done by ambulance driver</b></p>	<p>N95 mask, goggle, inner and outer gloves, plastic apron, gumboot</p> <p>2% glutaraldehyde and/or alcohol-based disinfectant</p>	<p>Mop or wipe commonly touched surfaces, seats, window and door glasses, interior parts of the vehicle, floors of the vehicle with 2% glutaraldehyde. Where appropriate alcohol-based disinfectant can be used</p>	<p>Solid waste generated should be placed in a biohazard bag and should not be filled beyond <math>\frac{3}{4}</math> of its capacity.</p> <p>Sprinkle/pour 2% glutaraldehyde solution and keep it for 20 minutes, secure the bag and then dispose it by burning</p>
5	<p>Air cargo and baggage</p> <p><b>Responsibility:</b> <b>Not applicable</b></p>	NA	<p>No need to disinfect unless a risk assessment says that a baggage of a confirmed cases is contaminated</p>	NA
6	<p>Designated facilities used for quarantining primary contacts and suspected cases holding area with no confirmed case in the facility</p> <p><b>Responsibility:</b> <b>To be done by hotel staff under the supervision of BAFRA or any other agency assigned with the task</b></p>	<p>Surgical face mask, utility gloves, gumboot and no full PPE is required</p> <p>Alcohol-based disinfectant or 2% glutaraldehyde solution</p> <p>0.5% bleaching solution</p>	<p>Maintain normal cleanliness of the room by the individuals quarantined</p> <p>After the completion of quarantine period, carry out routine cleaning procedures using detergent solution followed by disinfection with 0.5% bleaching solution</p> <p>Disinfect frequently touched surfaces with alcohol-based disinfectant or 2% glutaraldehyde solution</p> <p>Sheets and lines can be washed using normal procedures</p> <p><b>Room can be re-used after 1 day</b></p>	<p>Solid waste generated should be placed in a biohazard bag and should not be filled beyond <math>\frac{3}{4}</math> of its capacity.</p> <p>Sprinkle/pour 2% glutaraldehyde or 0.5% bleaching solution and keep it for 20 minutes, tighten it and then dispose it by burning</p>
7	<p>Designated facilities used for holding travellers from affected countries and no case confirmed in the facility</p> <p><b>Responsibility:</b></p>	<p>Surgical face mask, and utility gloves. <b>No full PPE is required</b></p> <p>Neutral detergent solution or 0.5% bleaching powder</p>	<p>Maintain normal cleanliness of the room by the individuals under observation</p> <p>After the completion of quarantine period, clean and mop the rooms with detergent solution</p> <p>For carpet, clean the surface using soap and water or with cleaners appropriate for use on these surfaces.</p>	<p>Follow routine general waste disposal process</p>

	<b>To be done by hotel staff under the supervision of BAFRA or any other agency assigned with the task</b>		<p>OR</p> <p>Disinfect with 2% glutaraldehyde solution</p> <p>Sheets and lines can be washed using normal procedures</p> <p><b>Room can be re-used after 1 day</b></p>	
8	<p>Rooms in designated quarantine facility with a COVID-19 confirmed case</p> <p><b>Responsibility:</b></p> <p><b>To be done by the health staff</b></p>	<p>Full PPE that include N95 mask, inner and outer gloves, goggles, a long-sleeved gown, an apron if the gown is not fluid resistant, and boots or closed shoes.</p> <p>2% glutaraldehyde and/or 70% alcohol solution</p>	<p>Keep the room undisturbed for 1 day with windows open and door closed.</p> <p>If excreta are present on surfaces (such as linens or the floor), the excreta should be carefully removed with towels and safely disposed of in a toilet or latrine. If the towels are single use, they should be treated as infectious waste; if they are reusable, they should be treated as soiled linens.</p> <p>First mop the floor with neutral detergent and water. Then disinfect using 0.5% bleaching solution (if not carpeted)</p> <p>If the room is carpeted, the carpet can be wash with neutral detergent and dry it. Alternatively, sprinkle 2% glutaraldehyde solution</p> <p>Bedding and bed screens should be treated as infectious linen. Do not shake linen and avoid all necessary agitation and soak in 2 percent Glutaraldehyde solution for 30 minutes before washing.</p> <p>OR</p> <p>Placed in clearly labelled, leak-proof bags or containers. Machine wash with warm water at 60–90°C with laundry detergent. The laundry can then be dried according to routine procedures.</p> <p><b>Room can be re-used after 3 days</b></p>	<p>Waste from the COVID-19 case positive patient should be considered infectious</p> <p>Solid waste generated should be placed in a biohazard bag and should not be filled beyond <math>\frac{3}{4}</math> of its capacity.</p> <p>Sprinkle/pour 2% glutaraldehyde solution and keep it for 20 minutes, secure it and then dispose it by burning.</p> <p>Alternatively, disinfection can be done using 0.5% bleaching solution.</p>