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भारत सरकार

Government of India

मत्स्य पालन, पशुपालन और डेयरी मंत्रालय

Ministry of Fisheries, Animal Husbandry and Dairying

पशुपालन और डेयरी विभाग

Department of Animal Husbandry and Dairying

कृषि भवन, नई दिल्ली -110 001,

Krishi Bhawan, New Delhi-110 001,

दिनांक / Dated the 18th March, 2021.

Office Memorandum

Subject: Standard Operating Procedures (SOPs) / Check-list for doing quarantine of imported wild animals in Zoo facility - reg.

The undersigned is directed to enclose herewith the Standard Operating Procedures (SOPs) / Check-list for doing quarantine of imported wild animals in Zoo facility.

2. This issues with approval of the competent authority.

Encl: As above.

Gagan Garg
18-03-2021

(डॉ गगन गर्ग)

(Dr. Gagan Garg)

सहायक आयुक्त (व्यापार)

Assistant Commissioner (Trade)

Distribution;

- 1) All Regional Officers / Quarantine Officers, Animal Quarantine & Certification Services, Delhi / Mumbai / Bangaluru / Chennai / Kolkata / Hyderabad.
- 2) NIC, DAHD with a request to upload on the Department and AQCS's website.

Copy for kind information to;

- 1) Sr. PPS to the Secretary, AHD.
- 2) PPS / PS to the AHC / JS (GNS) / JS (VJ) / JS (OPC) / JS (UB).

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Standard Operating Procedures (SOPs) / Check-list for Doing Quarantine of Imported Wild Animals in Zoo Facility

Pre- requirement for Import:

- 1) The import licence from the Directorate General of Foreign Trade (DGFT), Ministry of Commerce & Industry, Government of India is required in case of import of Live Animals (not covered under free category) along with Indian Veterinary Health Requirements as issued by the Department of Animal Husbandry and Dairying.
- 2) The consignments should be accompanied with a Veterinary Health Certificate issued by the Official Veterinarian of Exporting Country confirming the conditions as mentioned in the Indian Veterinary Health requirements issued with the DGFT licence, as the case may be.

Receipt of animals at port of entry:

- 1) CHA/Importer should coordinate with airlines and intimate the actual time of arrival of the animals to AQCS.
- 2) The relevant documents shall be inspected by the Quarantine Officer, Animal Quarantine & Certification Services (AQCS) / authorized officer.
- 3) In case of any abnormal clinical symptom (s) in imported animals, the animal shall be deported back from the port of entry itself.
- 4) The importer should have a suitable closed animal carrier as per the standards and requirements for transporting live animals and properly disinfected to transport the animals from the port of entry to the quarantine area.
- 5) Animal cages to be unloaded from the airlines and shifted to the transporting vehicle.
- 6) Leftover feed, fodder, bedding etc. shall be taken to the place of quarantine in a biosecure manner for disposal as per SOPs for waste disposal. If required, these may be transported in a separate disinfected close carrier.

Transportation of the animals:

All animals shall be transported in a suitable closed animal carrier as per the standards and requirements for transporting live animals with the following provisions;

- 1) Carrier shall be disinfected before loading of animals.

- 2) Carrier shall have proper space, temperature, feed, water etc. (as per extant regulations and specifications) for the concerned species.
- 3) Carrier shall be free from any vector and shall be covered by the mosquito net.
- 4) Carrier shall be adequately loaded with quality feed and potable water for complete journey up to destination. In any case, no unloading of any animal shall be allowed during the entire journey. Vehicle should not stop at any place unless required in the interest of the animals and attendants and in such cases, all biosecurity measures to be adopted.
- 5) The floor and sides of carrier shall be covered with an impermeable sheet to prevent leakage of any excreta during the entire journey.
- 6) The suitable arrangement shall be made in the carrier itself to keep the dead animal, if any during the period of journey. Such animal shall be dispose off in quarantine facility as per SOPs for disposal of carcass after post-mortem.
- 7) After reaching the destination, the entire excreta and dead animal, if any (after post-mortem) will be disposed off with in the premises of quarantine facility as per SOPs in this regard.
- 8) In case of breakdown of vehicle and there is requirement to transfer the animals in another vehicle to reach the quarantine facility, the vehicle carrying the animals initially shall be properly disinfected after transferring the animals.
- 9) Designated veterinarian to travel with the vehicle in case of any emergency and be equipped with emergency medicines and first aid.

Receipt of animals at the quarantine area:

- 1) Vehicle disinfection from outside to be done prior to entering the designated quarantine area.
- 2) Cages to be unloaded from the vehicle.
- 3) After unloading the cage, animal to be permitted to enter designated area / enclosure in the quarantine facility.
- 4) The empty cages to be properly disinfected / destroyed.
- 5) The vehicle to be completely disinfected after unloading all the animals.
- 6) Any other waste in the vehicle to be disposed following biosecurity procedures as per SOPs for waste disposal.

Quarantine area requirements:

- 1) The quarantine area should be a separate enclosed area away from any other inhabited area to prevent transmission via vectors, fomites and contamination via aerosols & drainage.
- 2) The entry to the quarantine area to be restricted and only designated personnel to be allowed.
- 3) The area to be fumigated and disinfected prior to the arrival of the animals.

- 4) Board displaying the type of animals quarantined to be present at entry point.
- 5) At the entry of the quarantine area, change room to be provided for the attending personnel with provision of all necessary personal protective equipments (mask, gloves, apron etc).
- 6) Foot bath with proper disinfectant to be present at the entry point and the disinfectant to be changed daily.
- 7) Different sections to be maintained for different species of animals and the attendants of one section should not be permitted to enter the other section.
- 8) All equipments used in the quarantine area for cleaning, feeding and watering to be maintained exclusively for the area and not to be used for other areas.
- 9) Feed required during the quarantine period to be available in the quarantine area.
- 10) Water provision to be maintained in the premises.
- 11) Vector proof facility with SOPs for vector control including vector repellents for control of flies, mosquitoes etc. and other vectors to prevent vector borne diseases.
- 12) Designated veterinarian should be available at all times for each section.
- 13) Waste disposal system to be in place for solid and liquid waste.
- 14) There should be designated area for disposal of dead animal, if there is any mortality during the quarantine period.
- 15) An isolation area to be demarcated, in case single animal needs to be kept under observation.
- 16) An area to be demarcated for the proper sampling as per post import testing requirement.
- 17) All the animals to be observed physically daily for any clinical signs / symptoms / ectoparasites / abnormal behavior etc. Complete records of all animals should be maintained and available, if required during the quarantine period.
- 18) Faecal examination should be conducted and examined for gastrointestinal parasites.
- 19) The authorized veterinarian shall collect the necessary samples and shall arrange for testing in the specified laboratory. For the purpose, Zoo shall make prior suitable arrangements in-consultation with Quarantine Officer.
- 20) In the event of mortality during the quarantine period, the post-mortem shall be conducted in the quarantine facility by the authorized veterinarian with all precautions and laid down procedures. If required, the expert services of the specified laboratory/ institution shall be requested and samples shall be collected for confirmation. The same shall also be informed immediately to the Quarantine Officer, concerned AQCS. After the post-mortem, the carcass shall be disposed off as per SOPs for disposal of carcass within the quarantine premises.

Check-list / SOPs to be in place but not limited to the following activities at the time of inspection (if required) for approval of quarantine facility:

- i. Entry / Exit of the quarantine area
- ii. Vector control including vector repellents
- iii. Treatment of sick animals and their isolation
- iv. Daily activity which includes cleaning, feeding, watering etc. of the area
- iii. Daily examination of animals
- iv. Sampling of blood / serum / faeces etc. for diagnosis.
- v. Disposal of waste
- vi. Post mortem examination and disposal of carcass
- vii. Health check of the workers to be conducted annually.

Note:- This is an indicative SOPs for guidance and compliance by the stakeholders, however, the inspecting committee will also use their discretion for arriving at a better solution in harmony with the objectives depending upon the ground level situation. This document may be amended on need basis by the Department in event of emergence of any new diseases or threat of biosecurity.
