

STANDARD OPERATING PROCEDURES

FOR

ANIMAL QUARANTINE &
CERTIFICATION SERVICES

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE
DEPARTMENT OF ANIMAL HUSBANDRY, DAIRYING & FISHERIES

Entry protocol for vehicle

Any vehicle entering the Quarantine Zone must be disinfected by passing the vehicle under the vehicle wash where jet pressure pump will disinfect the vehicle. The vehicle will be disinfected on both the occasions of entry and exit.

Disinfection of the area

The Quarantine Zone must be disinfected regularly:

a) In presence of animals:

- Disinfection will be done by fumigating machine three times a week.
- Liming of the area will be carried out on alternate days.
- Brooming of the area and sheds will be done regularly on day to day basis.

b) In absence of animals:

- Disinfection will be done by fumigating machine two times in a month.
- Liming of the area will be carried out on monthly basis.
- Brooming of the area and sheds will be done regularly on day to day basis.

Safaiwala

1. The worker should be healthy and physically fit to carry out day to day cleaning and housekeeping work.
2. The worker suffering with common cold should not enter the quarantine Zone.
3. The worker should change the cloths and follow disinfecting protocol as directed before entering the quarantined zone and vice versa.
4. The worker should not touch any animal under quarantine.
5. The worker should not interact with the animal attenders.

Animal attenders

1. The attender must follow the quarantine norms as directed for exit/entry. The attender should wear proper uniform while attending the animal.
2. The attender suffering with any disease should not attend the animal.
3. The attender should not ride or play with the animals.
4. The attender should not attend the animal of other importer.
5. The attender should not use animal accessories of other importer.
6. The attender should not take any household item/personal belongings to animal shed.
7. The attenders should put all waste material in the designated place.
8. The attender should not consume alcohol and smoke during his stay in Quarantine zone.
9. Any problem/mishappening should be immediately brought to the Notice of AQCS Official.
10. The attender must carry his AQCS identity card always with him.

SOP for Packing and dispatching of samples

1. The sample of livestock and livestock products should be sent immediately to the testing laboratories in secure packing.
2. The samples should be placed in sealed plastic pouches and then wrapped with cotton and paper with second sealing by cello tape.
3. The sealed samples must be placed in double layer thermocol box/other secure box by maintaining the proper storage condition as per the item.
4. Ice gel and dry ice can be used for maintaining the cold chain. Ice gels should be placed on all four sides of the samples with some dry ice in plastic pouch.
5. The box should have all details like addresses, hazard, urgency etc. and should be properly sealed by tapes and other seals.
6. It should be ensured that the box should reach the designated laboratory in less possible time preferably within 48 hours.

SOP FOR BURIAL

1. The concerned staff handling the livestock or other biological material must follow the proper guidelines of burial.
2. A pit should be dug about 2 meters deep/as the case may be. It should be half filled with waste/oyher material, then covered with lime within 50 cm of the surface, before filling the rest of the pit with soil.
3. It must be ensured that animals do not have any access to burial sites, to avoid this, covers of galvanized iron/wire meshes may be used.
4. On each occasion when wastes are added to the pit, layer of 10 cm of soil shall be added to cover the wastes.
5. Burial must be performed under close and dedicated supervision.
6. The deep burial site should be relatively impermeable and no shallow well should be close to the site.
7. The pits should be distant from habitation, and sited so as to ensure that no contamination occurs of any surface water or ground water. The area should not be prone to flooding or erosion.
8. The location of the deep burial site will be authorized by the prescribed authority.
9. The concerned official shall maintain a record of all pits for deep burial.

SOP FOR DISINFECTION

1. The staff undertaking the disinfection work should be fit, healthy and should not work alone.
2. The concerned staff must ensure that all traces of material used in cleaning/pre disinfection process are flushed away with water. The cleaning process must be adequate and there must be no presence of residual cleaning liquid.
3. The user must read the label instructions including dilution instructions to ensure safety, accuracy and effectiveness.
4. The disinfectant should be applied to every surface starting at the highest point and working downwards. All doors, windows, equipments and utensils should also be cleaned.
5. The disinfectant must be left on surfaces as long as possible/as indicated in the instructions. The area must then be thoroughly rinsed and left vacant for as long as possible before allowing the animals.
6. The sheds should not be disinfected or fumigated in the presence of animals and if required must be done during down time.
7. The foot bath and wheel bath area must be cleaned and filled every alternate day, do ensure that soil, manure, bedding material should not come into the foot bath.
8. The common disinfectant which can be used for disinfection and fumigation are 5.25 % Sodium Hypochlorite (3%), Virkons (as per the label), Sodium Hydroxide (2%), Formalin (5-10%) etc. The label must be read carefully before using the disinfectant under consultation of the Officer Incharge.

SOP FOR INCINERATOR

1. The designated staff will inspect the Incinerator with the help of electrician before allowing the Incinerator to Run.
2. All the systems including water, diesel and electrical must be checked thoroughly.
3. The supporting staff must be educated as per the DOs and DONTs displayed in the Incinerator room.
4. Waste/left over transport bags must be arranged in advance.
5. The disposal site must be identified in advance.
6. Arrangement of disinfectant must be done in advance so that the room and disposal site must be disinfected after Incineration.
7. The waste and other material should be incinerated in the presence of Technical staff and the quantity should be optimal.
8. After incineration all ash must be removed in the designated bags for burial in the designated area.
9. After incineration complete area including incineration room and disposal site must be properly cleaned, disinfected and fumigated as per the direction of Officer incharge.
10. The detail of the incineration must be kept in concerned file/register.

SOP FOR POST MORTEM

1. The designated staff will inspect the PM room with the help of electrician before post mortem.
2. All system like water, electrical and lights must be checked thoroughly.
3. Waste/left over transport bags/carriers must be arranged in advance.
4. The disposal site and method must be identified in advance.
5. Arrangement of disinfectant must be done in advance so that the room and disposal site must be disinfected after post mortem.
6. The carcass, waste and other material should be incinerated as per the SOP for incineration in the presence of Technical staff. In case of Burial, SOP for burial should be followed.
7. After incineration, all ash must be removed in the designated bags for burial in the designated area.
8. After post mortem and incineration, complete area including incineration room, PM room and disposal site must be properly cleaned, disinfected and fumigated as per the direction of Officer Incharge.
9. The details of the post mortem must be kept in concerned file/register.

SOP FOR LIVESTOCK ENTRY

1. The designated staff/case staff should maintain proper liaison with the importer and the airlines regarding the actual arrival of the livestock at the port of entry and accordingly arrange all necessary documents under intimation of officer Incharge.
2. The animal sheds, vehicle wash, foot baths, change room, unloading platform, attender rooms should be inspected well in advance and any lacking in respect of cleaning, disinfection, maintenance etc. must be informed to the officer incharge immediately so that necessary action can be taken.
3. The animal shed, attender rooms, feed area/rooms, change rooms, laboratory block, bathrooms, toilets, approach roads, platform etc. must be properly cleaned and disinfected before the arrival of the animal.
4. The animal sheds and related area including systems must be properly cleaned, disinfected and fumigated as per the direction of Officer incharge before the arrival of the animal.
5. All water and electrical systems including fans and lights must be checked thoroughly.
6. Doors, windows and drainage system must be kept clean, disinfected and any damage must be repaired immediately.
7. The attender of concerned animal must be trained as per the SOPs/rules and regulations of Quarantine including the information regarding exercise area for animal, feed, fodder, bedding storage site and waste disposal system.
8. The attenders must have proper identification and authorization from the owner and identity passes must be issued.

9. Entry exit protocol for vehicle and personnel must be followed strictly.
10. The attenders should be introduced with security staff and quarantine officials and telephone numbers must be exchanged for emergency situation.

SOP FOR LIVESTOCK EXIT

1. The concerned staff must complete the file and ensure that all charges, test results are available.
2. The concerned staff must obtain the permission of Officer Incharge before starting the procedure for exit of animals.
3. The animals should be brought carefully with the help of attenders to the unloading area and loaded carefully in the vehicle. The attenders must accompany the animals during journey.
4. It should be ensured that the vehicle floor is having proper bedding, alongwith proper arrangement of water and feed during journey.
5. The concerned staff must ensure that the respective animal sheds and attender rooms are properly cleaned before the departure of the animal.
6. The concerned staff must ensure that all belongings of the animals and attenders are removed by the Importer/authorized person from the premises.
7. The vehicle carrying the livestock must be checked by the concerned staff and security person finally at the exit point along with the confirmation of Final Quarantine clearance.

SOP FOR VISITORS/ QUARANTINE REGULATIONS

- **Visitor's Entry Time:**

From 11.00 AM to 4.00 PM

NO ENTRY ON HOLIDAYS

Concerned staff and security person must ensure the following-

- Entry only after following the Dress Code and Quarantine Regulations.
- Only valid pass holders are allowed.
- Eatables are not allowed in the Quarantine Zone.
- Other than pass holders – Entry with the permission from Regional/Quarantine Officer.
- Entry is not the right of the pass holder/visitor, proper justification is required.
- Smoking/Tobacco is strictly prohibited in the AQCS Campus.
- Animal Attendant must follow the dress code.
- Feeding, riding or playing with the animals is prohibited.
- Veterinarian and Para Vet (direct handlers) – Entry/Exit only after taking shower and change of dress.
- Animal owner, Veterinarian and Para vet must not visit any animal farm or contact any animal at least 24 hrs before and after the visit.
- Person suffering /showing signs and symptoms of any disease (including common cold) will not be allowed to enter the Quarantine Zone.