Annexure- 1

APPLICATION FOR REGISTRATION/ RENEWALS OF AN ORNAMENTAL FISH BREEDER FARM/ EXPORT ESTABLISHMENT/ IMPORT & QUARANTINE ESTABLISHMENT / COLLECTING & SUPPLING CENTER FOR YEAR.....

(ANIMAL DISEASE ACT NO 59 OF 1992)

1. Name of the Applicant/ Owner of the Farm / Aquarium OR establishment;
   .....

2. Address
   .....
   .....
   .....
   Contact No: .....
   E-mail:.....
   National Identity Card No :.....

3. Name of the Farm/Aquarium OR establishment .....
   3.1. Address:
   .....
   .....
   Tel:.....
   Fax:.....
   E-mail:.....
   3.2. Type of the operation (Underline all types that applicable): Ornamental fish breeder farm/ Export establishment/ Export & quarantine establishment/ Collection & supplying center

   3.3. GPS Location : .....
   3.4. District: .....
   3.5. Divisional Secretariat area:.....
   3.6. VIO's Range:.....
   3.7. Direction to the farm/Aquarium OR establishment :.....
   .....
   .....
4. Business Registration No : .....
5. NAQDA Registration No:.....
   5.1 DAPH Registration No:.....

6. Availability of water resources:
   6.1 Fresh water.....
   6.2 Marine water.....

7. Size of the Establishment / Farm/ Aquarium (acreage): .....

I declare that to the best of my knowledge and belief all the above information is true and correct

....

Signature of the Applicant Date

(This application should be submitted to Director/ Veterinary Regulatory Affairs Division, Department of Animal Production and Health, P.O. Box:13, Gatambe, Peradeniya.)

Inspection checklist for Ornamental Fish farm registration
Department of Animal production & Health

	Date.				
1	**Description**		**Yes**	**No**	**Remarks**
	Name of the farm				
	Address				
	Phone number	Email.		Web	
	Established	In operation (Years/Months)			
	Owners name	Experience			
	Size of the farm				
	Mud ponds	Cement tanks			
	Location	VS range			
	Ownership	Owned	Rental		Lease
	Environmental License				
	a. Issued Institute				
	b. Issued date	Number		Expiry date	
	c. Availability for inspection				
	Registration in EDB (Number)				
	Farm statues				
	a. Fish Exporter / Importer				
	Breeder	Grower			
	b. Fish Suppler				
	Breeder	Grower			
	Staff (Total)	(Permeate)	(casual)		
	Staff (Male)	(Female)			
	Staff (Skilled)	(Non Skilled)			
	Laboratory facilities				
	a. Lab test available				
	b. Lab technician				
	c. Laboratory equipment's available				
2	**Biosecurity**				
	a. The farm establishment is surrounded by a 'security fence' to prevent unauthorized visitors and other species of animals.				
	b. Functional foot bath / any other suitable device available at the entrance.				
	c. ~~Changing of disinfectant in the tire dip at least once a day~~				
	Tire dip ~~disinfectant~~	~~concentration~~			
	d. ~~Depth of water level of the tire dip should be 6 inches. (6)~~				
3	**Farm records**				
	a. Records of the establishments readily available for inspection				
	b. Health record				
	c. Production record				

	d. Log book (for gov officers)			
4	**Routing Heath reports**			
	a. Samples submitted to DAP&H (VRI, VIC's, NARA) and Fish routinely checked for fish parasites and other diseases			
	b. Record availably			
	c. How often			
	d. Significant observation in reports			
5	**Internal hygiene**			
	a. The layout diagram of the fish holding facility available for inspection			
	b. Each unit of operation is named, displayed and physically separated			
	c. Each variety of fish species rear in separate tanks			
	d. Different units are separately managed			
	e. A separate set of equipment (nets, siphons, *etc.*) is available for each unit.			
	f. Dedicated skilled laborers are available for each unit.			
	g. Properly sealed disposal pit/ incinerator available for discarding the dead fish			
	h. Fish holding tanks covered with black shade net. The sides are covered with bird nets.			
	i. Tanks are capable of draining out completely. Siphoning is done daily.			
6	**Quarantine facility**			
	a. Quarantine area for newly introduced fish			
	b. Farmed fish and by-back fish must not be mixed			
	c. Quarantine area for sick fish			
	d. Separate unit for Brood stock			
	e. Separate conditioning area			
	f. Separate packing area			
7	**Water management**			
	a. Water is available in enough quantity throughout the year			
	b. Water source (Well /River /Tap)			
	a. Proper water filtration available			
	b. Proper water Treatment system			
	c. Routing water testing methods			
	d. Water quality record – Farm level routing			
	e. Water quality records - Microbiology (institute) How often			

	f. Water chemistry records (institute) How often			
	g. Common observation in water chemistry Records.			
8	**Environmental safety**			
	a. Drainage facilities are available to drain waste water away and prevent the run-off of contaminated water to natural waterbodies & environment			
	b. Wastewater pit for sedimentation			
	c. Pit for chlorination and aeration			
	d. Dosage of the chlorine or any other disinfectant			
	e. Accepted solid garbage disposal system available for other waste			
	a. Enough sanitary facilities available for workers and established away from the fish rearing area			
9	**Feed management**			
	Dry fish usage **Self mixed** **Formulated**			
	a. Self-mixed - feed composition reports			
	Institute			
	b. Formulated - feed brand			
	c. Registered brand in Sri Lanka.			
	Imported company			
	d. Dry feed storage place (cool, secured place, protected from vectors)			
	e. Feed records			
	Live feed usage			
	a. Live feed sources			
	b. Storage			
	c. Live feed brands			
	Registered in Sri Lanka			
10	**Probiotic usage**			
	a. Brand			
	b. Registered in Sri Lanka			
	c. Imported company			
	d. Composition			
11	**Species cultured** single Multiple			
	Name of the fish species			
	a. Cultured in mud ponds			

	b. Cement tanks
	c. Glass tanks
	d. Glass bottles
12	Antibiotic usage & doses
	a. Registered product or not
13	Other chemicals usage & doses
	b. Registered product or not
14	Any resent diseases / month /year a. b. c. d.
15	Recommendations of DAPH team ..... Signature of the Client ..... Officer in charge
16	Samples taken during the visit
17	Laboratory result

Guidelines to obtain International Veterinary Health certification (IVHC) for the export of live fish from Sri Lanka

A. Empowered under the Animal Diseases Act, No 59 of 1992 for the control and prevention of contagious diseases in animals, for the control of the import and export of animals, animal products, and veterinary drugs and veterinary biological products.
Under the Animal Diseases Act, No 59 of 1992, the interpretation of fish includes all varieties of fish, crab, prawn, lobster, turtle, marine as well as freshwater, whether cooked, canned, dried, salted, or smoked.

B. A person/organization who wishes to export ornamental fish from Sri Lanka should adhere to the procedures stipulated by DAPH. The owner of the establishments should agree to follow the **biosecurity guidelines**, bi-annual inspection/auditing, sampling, disease testing, surveillance, and monitoring programs of DAPH.

1. Requirements imposed by the Department of Animal Production & Health (DAPH)

1.1 The Ornamental fish export establishment (exporter, collector, supplier, farm, etc.) must be registered under the Department of Animal Production & Health.

1.1.1 The following documents should be submitted at the DAPH to register as an exporter.

1. Letter of request
2. Application (Annexure 1)
3. Copy of Business registration certificate
4. Copy of NAQDA registration certificate
5. Copy of EDB registration (not mandatory)
6. Copy of Environmental authority approval (not mandatory)
7. Sketch diagram of the location of the Aquarium and farm layout
8. Declaration of export fish species and varieties, their origins, and expected exporting countries
9. Any other registration acquired by any governmental organization

1.1.2. *The exporter shall inform DAPH if any alteration occurs.*

1.1.3 After the submission of satisfactory documents, the establishment must be inspected by authorized officers from DAPH, and if satisfied by the authorized officers, a registration number will be issued.

1.2 Export establishments must have a quarantine area approved by the DAPH

1.2.1 All stakeholders must adhere to the biosecurity guidelines recommended by the department

1.2.2 The exporter must inform the anticipated date of quarantine to the authorized officer of DAPH. An Authorized officer shall inspect the quarantine fish for any disease signs. Any

consignment that has not been inspected by an Authorized officer, will not be issued an IVHC.

1.3 Biannual disease surveillance by DAPH

1.3.1 Each export establishment shall undergo a biannual disease surveillance conducted by an Authorized officer of DAPH.

- Fish will be checked for external clinical signs by the visiting Veterinary Surgeon.
- Treatments given for parasites should be recorded and the records will be inspected.

1.3.2 Samples of fish and water will be tested at Veterinary Investigation Centers/ Veterinary Research Institute.

1.3.3 Fish sampling will be done in compliance with the OIE *Aquatic Manual*.

1.3.4 If the export establishment contains fish from more than one source, fish from all water sources will be sampled proportionally.

1.3.5 Tests

- All sampled fish will be examined for internal and external parasites and bacterial diseases.
- Carp and goldfish will be tested for koi herpes virus and spring viremia of carp.
- Marine fish will be tested for VNNV and RSIV(Optional).
- In addition, DAPH officials will conduct tests for specific diseases requested from importing countries
- Packing water (freshwater/marine water) will be tested for pathogenic *Salmonella* spp. and *Vibrio* spp.

1.3.6 Fees for testing

- Fee for testing will be charged according to Department Circulars.

2. Issuing International Veterinary Health Certificate from DAPH

2.1 International Veterinary Health Certificates will be issued per consignment to exporters who satisfactorily fulfil DAPH guidelines

2.2 Fees for issuing International Health Certificate will be charged according to the DAPH circular

2.3 Exporters wish to export fish from Certified Establishments should be provide an original invoice to DAPH prior to receiving IVHC

2.4 In the International Health Certificate, the Exporter's and the source addresses will be mentioned.

Annexure - IV

Guidelines for Biannual Surveillance/Inspection of Export-Oriented Ornamental Fish Establishments

A. Export-oriented fish establishments shall be inspected by respective Veterinary Investigation Officers biannually.

1. **Veterinary Investigation Officers shall maintain a record of each exporter of the respective range.**
   a) The record of each exporter shall include the name of the exporter and exporting company, address, registration number given by the Department of Animal Production and Health (DAPH), a list of fish sources (suppliers/ own buying-back farms, out-growers/ etc.), fish species, due date of biannual farm inspection, report of biannual inspection report received from Director/Animal Health and list of exporting countries.
   b) Details of the fish sources should include the name of the farmer and/or farm, address, location (GPS), fish species, and the capacity of the farm.

2. **Biannual inspection at the export-oriented facility**

2.1 At the biannual inspection, the Veterinary Investigation Officers shall check whether the exporter has a quarantine area approved by the Department of Animal Production and Health).
   a) Species of fish to be exported should be available in the quarantine section.
   b) Treatments for internal and external parasites the records of the medication, dose, date/duration, and frequency should be recorded for each fish species.
   c) Fish should be free from clinical signs of infections.

2.2 The Veterinary Investigation Officer should inspect the farm and fill out the checklist at the farm.

2.3 The declaration of exporting fish types and their sources should be obtained from the exporter every six (06) months.

2.4 Sampling

2.4.1 At the biannual inspection, samples of live fish and packing water shall be collected to be tested at the Veterinary Investigation Centers/ Veterinary Research Institute.

2.4.2 If the export establishment contains fish from more than one source, fish from all collected sources should be sampled proportionally.

   a) Freshwater fish for parasites – 5 fish/species or variety should be collected. The DAPH officer is able to decide the number of species/varieties to be

sampled depending on the number of species/varieties of each exporter. Each fish species/variety should be collected in separate bags.

b) Carp and goldfish for PCR – 4 fish/ species should be collected.
c) Marine fish – 4 fish/species should be collected. Marine fish should be packed individually.

2.4.3 Sampling for megalocytivirus testing

a) If fish are exported as individual varieties, 60 fish from each variety.
b) If fish are exported as assorted, 60 fish from the assorted group.

2.4.4 Packing water - approximately 1L of packing water sample can be collected to a small packing bag

2.5 Tests

a) All sampled fish should be examined for internal and external parasites and bacterial diseases at the Veterinary Investigation Center.
b) Carp and goldfish should be tested for koi herpes virus and spring viremia of carp virus by PCR.
c) Marine fish should be tested for viral nervous necrosis virus (VNN) and red seabream iridovirus (RSIV) by PCR.
d) The specific tests should be conducted for specific diseases requested by importing countries.
e) Packing water (freshwater/marine water) should be tested for pathogenic *Salmonella* spp. and *Vibrio* spp.

2.6 Fees for testing

a) Fee for testing should be charged according to Department Circulars.

3. Special inspection for Australian shipments:

3.1 The Veterinary Investigation Officer should inspect the quarantine facility two times: visit 1 – first week of quarantine and visit 2 - within 7 days before export. The Animal Quarantine Officer should visit the quarantine facility within 7 days before export.

3.2 The DAPH officer should take photos of the facility with fish of the consignment as proof in each visit.

3.3 All fish in the consignment should be held at an approved quarantine facility for 14 days before export.

3.4 Fish in the consignment should not be held in water, which is common with koi carp or farmed food fish.

3.5 Quarantine facility inspection during quarantine period

3.5.1 At the visit 1 - first week of quarantine

3.5.1.1 The susceptible fish species should be checked for megalocytivirus, such as gouramis, bettas, paradise fish, cichlids, and poecilids, tested negative for megalocytivirus or originated from a megalocytivirus-free farm.

3.5.1.2 The fish which were not tested for megalocytivirus should be sampled and tested as soon as possible and reports must be made available as early as possible.

3.5.1.3 Sampling should be done according to 2.4.3

3.5.2 ***At the visit 2 - within 7 days before export***

3.5.2.1 Veterinary Investigation Officer and Animal Quarantine Officer should visit the quarantine facility to certify the proper mandatory quarantine of exporting fish.

3.5.2.2 Fish show no clinical sign of an infectious disease or pests.

3.5.2.3 The fish are properly treated for parasites. The type, method, and concentration of parasiticide should be noted and available for inspection.

3.6 The Veterinary Investigation Officer should inspect and confirm whether the quarantine facility follows adequate quarantine safeguards to maintain the health status of export fish and to prevent direct or indirect contamination by other fish species, water, equipment, or other means.

Annexure - V

Checklist for Biannual Inspection of Ornamental Fish Export Facilities
Department of Animal Production & Health

Date of inspection ;- **VIC:**

	Description	**Yes**	**No**	**Remarks**
1	Name of the farm			
	Address			
	Phone number Email.			
	Owners name			
	Size of the farm			
	Mud ponds Yes / No , If Yes Number : Cement tanks Yes / No , If Yes Number :			
	Location (GPS) VS range			
	Ownership Owned Rental Lease			
	DAPH registration Number Validity Period			
	Environmental License			
	a. Issued Institute			
	b. Issued date Number Expiry date			
	Registration in EDB (Number)			
	Farm statues Fresh Water Marine Water Both Fresh and marine Water			
	a. Fish Exporter (mention countries of export)			
	Breeder Grower			
	b. Fish Suppler (to where)			
	Breeder Grower			
	Source of fish - from suppliers (specify spp and farms) / Registration number : own buying-back farms (details) out-growers (specify spp and farms)			
	Laboratory facilities			
	a. Available laboratory equipments			
	b. Availability of lab technician			

1

2	**Biosecurity**			
	a. The farm establishment is surrounded by a 'security fence' to prevent unauthorized visitors and other species of animals.			
	b. Functional foot bath / any other suitable device available at the entrance to the fish rearing area.			
	c. Changing of disinfectant in the foot bath at least once a day			
	Foot bath disinfectant concentration			
	d. Depth of disinfectant level of the foot bath is 3 inches.			
3	**Availability of records in Farm**			
	a. Health Record			
	b. Production records			
	c. Logbook (for gov officers)			
	d. Fish purchasing records			
4	**Routing health reports**			
	a. Date of previous biannual inspection – b. Samples submitted to VRI / VIC / Both c. Reference of results (Date and VRI/VIC Reg. number)	Due date of next biannual inspection-		
	d. Report available for inspection Date of report -			
	e. Significant observation in reports			
5	**Internal hygiene**			
	a. The layout diagram of the fish holding facility available for inspection			
	b. Each unit of operation is named, displayed and physically separated			
	c. Each variety of fish species rear in separate tanks			
	d. Different units are separately managed			
	e. A separate set of equipment (nets, siphons, *etc.*) is available for each unit.			
	f. Skilled laborers are dedicated for each unit.			
	g. Properly sealed disposal pit/ incinerator available for discarding the dead fish			
	h. Fish holding tanks covered with black shade net. The sides are covered with bird nets or black shade nets.			
	i. Tanks are capable of draining out completely.			
6	**Quarantine facility**			
	a. Quarantine area for newly introducing fish			
	b. Farmed fish and by-back fish must not be mixed			
	c. Quarantine area or separate treatment tank for sick fish			
	d. Separate unit for Brood stock			
	e. Separate conditioning area			
	f. Separate packing area			
7	**Water management**			
	a. Water source (Well /River /Tap/ Sea Water)			
	b. Water is available in enough quantity throughout the year			
	c. Type of filtration method available?			
	d. Type of water Treatment system available?			
	e. Routing water testing methods available			
	f. Water quality records – Farm level routing			

	g. Water quality records - Microbiology (institute) Date of last report:			
	h. Common observation in water Microbiology Records.			
	i. If any Water chemistry records (institute) Date of last report:			
	j. Common observation in water chemistry Records.			
8	**Environmental safety**			
	a. Drainage facilities are available to drain waste water away and prevent the run-off of contaminated water to natural water bodies & environment			
	b. Wastewater pit for sedimentation			
	c. Pit for chlorination and aeration			
	d. Dosage of the chlorine or any other disinfectant use for waste water disinfection			
	e. Accepted solid garbage disposal system available for other waste (except dead fish)			
	f. Enough sanitary facilities available for workers and established away from the fish rearing area			
9	**Feed management**			
	Dry fish feed usage **Self mixed** **Formulated**			
	a. Self-mixed - feed composition reports			
	Institute			
	b. Formulated - feed brand			
	c. Imported Country			
	Imported company			
	d. Dry feed storage place (cool, secured place, protected from vectors)			
	e. Feed records			
	Live feed usage			
	a. Live feed sources			
	b. Storage			
	c. Live feed brands			
	d. Imported country & imported company			
10	**Probiotic usage**			
	a. Brand			
	b. Imported company			
	c. Composition			
11	**Species cultured or presently at the farm with approximate numbers of them.**			
	Name of the fish species (Fish list attached / not) present in the farm Fish species collected from the farmer? for each biannual inspection			
	Species Number			
	a. Cultured in mud ponds			
	b. Cement tanks			

	c. Glass tanks
	d. Glass bottles
12	**Species presently not at the farm but expect to be exported.** (The exporter should agree to provide the relevant sample once received)
13	Antibiotic usage & doses
14	Other chemicals usage & doses
15	Any recent diseases/months/year a. b. c.
16	Recommendations of the previous inspection are fulfilled: yes / no If not, comments/reasons
17	Recommendations by the current inspection officer/s of DAPH

18	Any other comments

Signature of the Client

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Officer in charge

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Annexure VI

Sampling procedure of fish and water for testing during biannual inspection

No	Testing parameters	Fish	Number/ volume
	Fish		
1	*Internal & external parasites & bacterial diseases	All fish species	5-6 fish/ species
2	*Koi Herpes Virus, Spring viremia of carp virus	Carp and gold fish	5-6 fish/ species
3	**Spring viremia of carp virus	Danio spp.	5-6 fish/ species
4	***Megalocytivirus	Susceptible fresh water fish species	60 fish/ *variety/waterbody
5	Viral nervous necrosis, Red seabream irridovirus **	Marine water fish	4 fish/ species (2 species will be sampled)
6	*Pathogenic salmonella spp., *Vibrio* spp.	Packing water fresh/marine water	1 L

*if the fish of several varieties of same species share same water body, 60 fish from species can be sampled. If each variety originates from different water bodies, 60 fish from each verity should be sampled.

Annexure - VII

Checklist for Biannual Inspection of Ornamental Fish Export Facilities
Department of Animal Production & Health

Sampling details (Samples taken at the biannual inspection) VIC: Date:

Type of sample – live Freshwater fish/Marine fish/ Other spp.(Specify)															
Name of species or Variety (present in the farm)	Number of fish in the aquarium from that Species or Variety	Number of fish / samples taken from that Species or Variety	Name of species expect to be exported (but not present in the farm)	Tests to be done											
				Parasitology	Submitted to		Bacteriology	Submitted to		PCR (Freshwater fish)			Other	PCR (Marine fish)	
					VRI	VIC		VRI	VIC	KHV	SVC	Megalocyti virus		VNN	RSIV
1.															
2.															
3.															
4.															
5.															
6.															
7.															
8.															
9.															
10.															
Packing water 1. Freshwater 2. Marine															

Signature of the Client

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Officer in charge

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