

COASTAL AQUACULTURE AUTHORITY

Citizen's Charter

Vision

Sustainable coastal aquaculture development by effective regulation.

Mission

To achieve sustainable coastal aquaculture development by implementing the regulatory measures contained in the Coastal Aquaculture Authority Act, Rules, Guidelines and Regulations, in association with representative coastal State Governments, Union Territories and other nodal organizations and stakeholders.

Objectives

The objective of the Authority is to regulate 'coastal aquaculture' activities in the areas notified by the Central Government as 'coastal areas' and for matters connected therewith. Coastal aquaculture means culturing, under controlled conditions in ponds, pens, enclosures or otherwise, in coastal areas, of shrimp, prawn, fish or any other aquatic life in saline or brackish water.

The Central Government specified the coastal area for the purpose of the Coastal Aquaculture Authority Act, 2005 as 'area of land within a distance of two kilometers from the High Tide Line (HTL) of seas, rivers, creeks and backwaters'.

Functions

- To make regulations for the construction and operation of aquaculture farms in coastal areas, inspection of farms to ascertain their environmental impact, registration of aquaculture farms, removal or demolition of coastal aquaculture

farms which cause pollution, fixing standards for all coastal aquaculture inputs, viz., seed, feed, growth supplements, chemicals, etc. used in coastal aquaculture.

- To ensure that the agricultural lands, salt pan lands, mangroves, wet lands, forest lands, land for village common purposes and the land meant for public purposes and national parks and sanctuaries are not converted as aquaculture farms in order to protect the livelihood of coastal community living in coastal areas;
- To survey the entire coastal area and advise the Central Government and the State/UT Governments for formulating suitable strategies for achieving eco-friendly development;
- To advise and extend support to the State/UT Governments for constructing common infrastructure line, common water in-take, discharge canals and common effluent treatment systems;
- To carryout or sponsor investigations and studies/ schemes relating to environment protection and demonstration of eco-friendly technologies;
- To collect and disseminate the data and other scientific and socio-economic information related to coastal aquaculture;
- To give publicity and train personnel regarding sustainable utilization and fair and equitable sharing of the coastal resources;
- To direct the owners of the farm to carry out modifications to minimize the impacts on coastal environment;
- To order seasonal closure for ensuring sustainability; or in the interest of maintaining environmental sustainability and protection of livelihoods in the interest of coastal environment;
- To cancel the registration where any person has obtained registration by furnishing false information or contravened any of the provisions of these rules or of the conditions mentioned in the certificate of registration;
- To deal with any issue pertaining to coastal aquaculture including those which may be referred to by the Central Government.

- To make suitable recommendations to the Government for amending the guidelines from time to time.
- To regulate the import of broodstock, quarantining, bio-secured seed production in hatcheries and bio-secured farming of SPF *Litopenaeus vannamei* in India.

Registration and Renewal of Coastal Aquaculture Farms

As per the Coastal Aquaculture Authority Act, 2005, no person shall carry on, or cause to be carried on, coastal aquaculture in coastal area or traditional coastal aquaculture in the traditional coastal aquaculture farm which lies within the Coastal Regulation Zone and is not used for coastal aquaculture unless he has registered his farm with the Authority. No coastal aquaculture shall be carried on within two hundred metres from High Tide Lines; and no coastal aquaculture shall be carried on in creeks, rivers and backwaters within the Coastal Regulation Zone declared for the time being under the Environment (Protection) Act, 1986:

A person who intends to carry on coastal aquaculture shall submit an application for registration of his farm to the District Level Committee as set up by the Authority, in **Form I (Annexure A)**, obtainable from the office of the District Level Committee or the office of the Authority or be downloaded from the website of the Authority. Every application for the registration of coastal aquaculture farm specified shall be accompanied by the fee specified in the Table given below.

TABLE

(1)	Up to 5.0 hectare (ha) water spread area	Rs. 200 per ha (or fraction of a ha), subject to a minimum of Rs. 500/-
(2)	From 5.1 to 10 ha water spread area	Rs. 1000 plus Rs. 500 per ha (or fraction of a ha) in excess of 5 ha.
(3)	From 10.1 ha water spread area	Rs. 3500 plus Rs. 1000 per ha (or fraction and above of a ha) in excess of 10 ha.

The fees for registration shall be payable in the form of Demand Draft in favour of the Member Convener of the District Level Committee set up by the Authority.

The manner of considering application for registration

(1) On receipt of an application, the District Level Committee shall verify the particulars given in the application in respect of all coastal aquaculture farms irrespective of their size; and

(a) in the case of coastal aquaculture farms up to 2.0 ha water spread area, the District Level Committee upon satisfaction of the information furnished therein shall recommend the application directly to the Authority for consideration of registration under intimation to the State Level Committee.

(b) in the case of coastal aquaculture farms above 2.0 ha water spread area, the District Level Committee shall inspect the concerned farm to ensure that the farm meets the norms specified in the guidelines with specific reference to the siting of coastal aquaculture farms and recommend such applications to the State Level Committee, which upon satisfaction shall further recommend the application to the Authority for consideration of registration.

(2) In case any defect is noticed in the application, the attention of the applicant shall be drawn in writing, requesting him/ her to rectify the defect within a specified period and in case of failure on the part of the applicant to rectify the defect within such period, the registration shall be refused.

(4) For the purpose of this rule, the compositions of District Level and State Level Committees shall be as below:-

A. District Level Committee

(a)	District Collector	Chairperson
(b)	Representative of the State/ Union Territory Revenue Department	Member
(c)	Representative of the State/ Union Territory Agriculture Department	Member
(d)	Representative of the State/ Union Territory Environment Department	Member
(e)	Representative of the State/ Union Territory Zilaparishad	Member
(f)	Assistant Director/ District Level Fisheries officer of the State/ Union Territory Fisheries Department	Member-Convener

B. State Level Committee

(a)	Secretary-in-charge of Fisheries of the State/ Union Territory Government	Chairperson
(b)	Secretary-in-charge of Revenue of the State/ Union Territory Government	Member
(c)	Secretary-in-charge of Environment of the State/ Union Territory Government	Member
(d)	Representative of the Marine Products Export Development Authority	Member
(e)	Director/ Commissioner-in-charge of Fisheries of the State/ Union Territory Government	Member-Convener

- On receipt of an application for registration of a farm, the Authority shall consider the application in the prescribed manner and after considering the application either register the farm or reject the application.
- The Authority shall, after registering a farm, issue a **Certificate of Registration** in the prescribed form Form II(**Annexure B**) to the person who has made the application for such registration.
- The registration made shall be valid for a period of five years and may be renewed from time to time for a like period

Renewal of registration

Every application for renewal of registration of a coastal aquaculture farm shall be made before two months of the expiry of such registration to the Authority in **Form III (Annexure C)** and the Authority shall renew the registration for a further period of five years.

Disposal of applications

The District and State level committees shall, as far as practicable adhere to the following timeframe with a view to ensure time-bound disposal of applications submitted for setting up or for renewal of coastal aquaculture farms, namely :-

S.No.	Activity	Time frame
1.	Detailed examination of the application, site inspection and dispatching application by the District Level Committee to the State level Committee or Coastal Aquaculture Authority, as the case may be.	Four weeks from the date of receipt of the application
2.	Consideration of applications by the State Level Committee and dispatching application with recommendations to the Coastal Aquaculture Authority.	Two weeks from the date of receipt of the application from the District Level Committee.

SPF Litopenaeus vannamei

Criteria for application to breed *L. vannamei*

(1) Hatcheries engaged or intending to be engaged in seed production having the required biosecurity facilities as specified by the Coastal Aquaculture Authority shall be eligible to apply for registration under the Coastal Aquaculture Authority Act, 2005 (24 of 2005) and the rules framed thereunder and for permission to import Specific Pathogen Free (SPF) broodstock of *L. vannamei* or SPF juveniles of *L. vannamei* (upto 10 g size) for rearing to adult broodstock and to produce and sell post larvae (PL) of *L. vannamei*. Format of application for Import of Broodstock and production of seed of SPF *L.vannamei* in Shrimp Hatchery (**Annexure D**).

(2) Approval of the hatchery for rearing *L. vannamei* will be given by Coastal Aquaculture Authority after due inspection of the hatchery facilities by a team constituted by Coastal Aquaculture Authority for this purpose.

(3) The hatchery facilities should have strict bio-security control through physical separation or isolation of the different production facilities which is a feature of good hatchery design. In existing hatcheries with no physical separation, effective isolation may also be achieved through the construction of barriers and implementation of process and product flow controls.

(4) The hatchery facilities should have a wall fence around the periphery of the premises, with adequate height to prevent the entry of animals and unauthorized

persons. This will help to reduce the risk of pathogen introduction by this route, as well as improve overall security.

Broodstock in hatchery

- (1) Only SPF broodstock cleared through the quarantine should be used in the hatchery for seed production.
- (2) Use of pond-reared broodstock is strictly prohibited.
- (3) Hatcheries involved in *L. vannamei* seed production should not use any other species within the hatchery premises.

Seed production and Sale

- (1) Nauplii should not be sold to other hatcheries. Only tested and certified post larvae should be sold.
- (2) Post larvae should be sold only to the farmers who have registered with the Coastal Aquaculture Authority specifically for the culture of *L. vannamei*. A copy of the Certificate of Registration issued by Coastal Aquaculture Authority should be retained by the hatchery operator for inspection.
- (3) Detailed record of the seed production as well as sale including the name and address of the buyer or farmer should be maintained.

Disease reporting and record maintenance

- (1) Any disease outbreak in the hatchery should be reported immediately to Coastal Aquaculture Authority.
- (2) The hatcheries should maintain a record of the imported broodstock with details of the source, quantity imported, the number of mortality, eggs produced, nauplii produced, post larvae produced, post larvae sold, name and address of the farmer to whom sold, date and number of the registration and permission certificate issued by Coastal Aquaculture Authority and should report these in their quarterly compliance reports to be submitted to Coastal Aquaculture Authority as per the format given in **Form-IV (Annexure E)**.

Inspection

Coastal Aquaculture Authority authorized personnel shall visit periodically to check the status of the broodstock, the seed production and sale.

Bank Guarantee

The approved hatcheries will deposit a bank guarantee for rupees five lakh in favour of the Coastal Aquaculture Authority to ensure compliance of the guidelines by them and in the event of any violation, the Bank Guarantee shall be invoked.

Eligibility criteria for Farms to culture *L. vannamei*

(1) Aquaculture farmers who are registered with the Authority shall submit a separate application for permission for farming *L. vannamei* (**Annexure F**).

Provided that the unregistered farmers shall submit application for registration specifying their intention to culture *L. vannamei* and the application shall be decided in accordance with the provisions of these rules.

(2) Inspection team authorized by Coastal Aquaculture Authority shall inspect the farm and based on its recommendation regarding the suitability of the facility for farming of *L. vannamei*, applications shall be considered by the Committee constituted by the Coastal Aquaculture Authority for issuing permission to farms for farming of *L. vannamei*.

(3) Farms must establish adequate bio-security measures including fencing, reservoirs, bird-scare, separate implements for each of the ponds etc. The farms should be managed by the personnel who are trained and/or experienced in management of bio-security measures.

(4) Farms irrespective of their size should have an Effluent Treatment System (ETS). Since loading of the environment with suspended solids is very high during the harvest, the ETS should be able to handle the waste water let off during harvest. Harvesting should be sequential depending on the size of the ETS. The quality of the waste water

should conform to the Standards prescribed under the Guidelines issued by Coastal Aquaculture Authority.

Biosecurity considerations

- (1) It is advisable not to culture SPF *L. vannamei* if the neighbouring farms are culturing native species, which are non-SPF, since *vannamei* is susceptible for all the viral pathogens reported in *Penaeus monodon* in India.
- (2) Farms approved for *L. vannamei* culture shall not be permitted for simultaneous farming of any other crustacean species in the same farm.
- (3) For shifting culture from one species to another, adequate dry out period shall be maintained during pond preparation in accordance with the norms issued by the Authority for this purpose from time to time.

Record Maintenance at farms

- (1) The farmers should maintain a detailed record of name and address of the hatchery from where they produced the seed, quantity produced, number and date of the valid registration of the hatchery.
- (2) The farmers should record the quantity of shrimp produced, sold, and the name and address of the processor to whom sold and this should be reported to the Coastal Aquaculture Authority through quarterly compliance reports as per the proforma given in **Form V(Annexure G)**

Destruction of unauthorized stock

If any unauthorized seed production or culture of *L. vannamei* is noticed during the inspection of farms or hatcheries by the Inspection team of the Authority, the Inspection team may destroy such stock by such method as it thinks fit.

FORM I
(see rule 9)

COASTAL AQUACULTURE AUTHORITY

MINISTRY OF AGRICULTURE

Application for Registration of Coastal Aquaculture Farm

1. Name of the applicant(s)/ registered company/ establishment (in BLOCK LETTERS with permanent address) :
2. Address for Communication (in BLOCK LETTERS) :
3. Whether the application is for:
 - (a) Registration of aquaculture farm already operating in coastal area : Yes/ No
 - (b) Registration of new aquaculture farm to be constructed : Yes/ No
4. Details of land for which registration is applied for :
 - (a) State :
 - (b) District :
 - (c) Taluk/ Mandal :
 - (d) Revenue village :
 - (e) Survey Number :
 - (f) Ownership right (whether freehold or lease hold) :
 - (g) Total Farm Area (in hectare) :
 - (h) Water Spread Area (in hectare) :
5. If the whole or a part of the above land falls under any one of the following categories, please furnish details :

Category	Village	Survey Numbers	Extent (in ha)
(a) Agricultural Land			
(b) Forest land			
(c) Lands for village common purpose			
(d) Land meant for Public purpose			
(e) Wet lands			

- (f) Mangroves
 - (g) Salt pan
6. Indicate the distance of unit site from
- (a) High tide line :
 - (b) Nearest drinking water source :
 - (c) Agricultural land :
 - (d) Mangrove :
 - (e) Marine protected area :
 - (f) Adjacent aquaculture farm :
 - (g) Human settlements (Indicate the population of the settlement) :
 - (h) National parks :
 - (i) Sanctuaries :
 - (j) Reserve forests :
 - (k) Breeding spawning grounds and other aquatic life :
 - (l) Beaches :
 - (m) Coral reefs :
 - (n) Heritage area :
7. Water source for the Aquaculture Unit
- (a) Sea : Yes/ No
 - (b) Creek/estuary/ canal/ back water : Yes/ No
 - (c) If the water source is as mentioned in (b) above, indicate the name of the source
8. Date of commencement of operations of existing aquaculture farm :
9. * Furnish Project Report giving details with sketch (to scale) of design and layout of the aquaculture farm in operation/ proposed along with operational details, water intake and wastewater treatment facility :
10. * Whether Environment Impact Assessment (EIA)/ Environment Management Plan (EMP) were carried out on the environment of the aquaculture farm with reference to other land uses in its neighborhood and based on operational details of the unit as furnished in the Project Report, please state specifically, whether

- (a) the aquaculture activity has the effect of causing water logging of adjacent areas or polluting the drinking water sources. :
 - (b) by use of supplementary feeds/ medicines/ drugs, etc. will consequently increase sedimentation which will be harmful to the environment. :
 - (c) such activity would cause siltation, turbidity with detrimental implication on local fauna and flora :
11. *If, Environment Impact Assessment (EIA) has been done, please attach the report :
 12. * If Environment Management Plan (EMP) has been drawn up, please furnish details :
 13. *If effluent treatment system (ETS) has been in operation/ proposed, please furnish layout, design and technical details :
 14. Details of remittance of processing fee :

Declaration

I/ We _____ son(s)/daughter(s) / wife of _____ residing at _____ hereby declare that the information furnished above is true to the best of my/our knowledge and belief. I am/ we are fully aware that if it is found that the information furnished by me/us is false or there is any kind of deviation/ violation of the conditions on which certificate of registration may be issued by the Authority, the Certificate of Registration issued may be either suspended or cancelled.

Signature of the applicant(s)

Date:

Place:

* Applicable for farms with water spread area of more than 2 (two) hectares.

FORM II
(see rule 11)

COASTAL AQUACULTURE AUTHORITY
MINISTRY OF AGRICULTURE

CERTIFICATE OF REGISTRATION OF COASTAL AQUACULTURE FARM

Under section 13 of Coastal Aquaculture Authority Act, 2005 and rule 11 of Coastal Aquaculture Authority Rules, 2005.

Reg. No. _____

Dated: _____

The coastal aquaculture farm of Shri/ Smt/ M/s _____ son/daughter/wife of
_____ residing at _____
_____ is registered by the Coastal Aquaculture
Authority vide No. _____ dated _____.

DETAILS OF UNIT AND TECHNOLOGY TO BE FOLLOWED

1. LOCATION OF THE FARM

State	District	Taluk/ Mandal	Revenue Village
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- 2. Survey Numbers** :
1. Area of the farm (in hectare) :
- a) Total farm area :
- b) Total water spread area :
2. Species to be cultured :
3. Stocking density :
4. No of crops/ year :

Place: _____

Date: _____

Signature of the Officer
issuing the Certificate

(Seal of the Authority)

Conditions for Registration of Coastal Aquaculture Farm

1. This Certificate of Registration is granted subject to the provisions of the Coastal Aquaculture Authority Act, 2005, the Coastal Aquaculture Authority Rules, 2005 and the Coastal Aquaculture Authority Regulations, 2005 and the Guidelines issued thereunder.
2. This Certificate of Registration is not transferable.
3. Any change in the layout, design, area and stocking density (or) other matter should be got approved by the Authority.
4. The environmental requirements should conform to the Guidelines and the regulations issued in this behalf by the Coastal Aquaculture Authority from time to time.
5. The owner of the coastal aquaculture farm shall also comply with such other instructions/ conditions as may be from time to time issued by the Authority.

FORM III
(see rule 12)

COASTAL AQUACULTURE AUTHORITY
MINISTRY OF AGRICULTURE

APPLICATION FOR RENEWAL OF REGISTRATION BY COASTAL AQUACULTURE
AUTHORITY FOR UNDERTAKING SHRIMP AQUACULTURE

1. Name(s) of the Applicant(s) :
registered company/ establishment
(in BLOCK LETTERS)
2. Address for Communication :
(in BLOCK LETTERS)
3. Details of location/ land of the farm
for which approval had been issued :
 - (a) Total Area and Water Spread Area :
 - (b) Survey No. of the Farm/ Pond :
 - (c) Village :
 - (d) Taluk :
 - (e) District :
 - (f) Average Stocking Density followed :
(in number/ m²)
 - (g) Average Production obtained :
(Kg/ ha/ crop)
 - (h) Technology followed :
 - (i) No. and date of the Registration :
issued by the Authority (Photo
copy of the approval issued by
the Authority has to be enclosed)
4. Details of remittance of Processing fee :

DECLARATION

I/We _____ .Son(s)/ Daughter(s)/ Wife of
_____ residing at _____

hereby declare that information furnished above is true to the best of my/ our knowledge and belief. The shrimp culture operations carried out by me/ us had not neither polluted the environment nor damaged the ecology of the adjacent area. I am/ we are fully aware that if it is found that the information furnished by me/ us is false and there is any kind of deviation/ violation of the conditions on which registration was granted by the Authority, the authorisation/ renewal granted to me/ us may be either suspended or cancelled.

Signature of applicant(s)

Date :

Place:

COASTAL AQUACULTURE AUTHORITY

Ministry of Agriculture

Government of India

Shastri Bhavan Annexe, 26, Haddows Road, Chennai-600006

Application for Import of Broodstock and production of seed of SPF *L.vannamei* in Shrimp Hatchery

1.	Name & Address of the Applicant(s) / registered company / establishment in full (in BLOCK LETTERS with permanent address) with Telephone, Fax & E-mail	
2.	Status of the Hatchery (Government/Society/Public Ltd./Private/Proprietary/Partnership)	
3.	Location of the Hatchery (Complete postal address with Village, District, State)	
4.	Whether owned or leased	
5.	If on lease, specify the lease period and also attach copy of the lease deed.	
6.	Species produced at present in the hatchery	
7.	Installed capacity and utilization	
8.	Anticipated date of import and number of broodstock proposed to be imported (male and female), average weight and size (length)	
9.	Has the hatchery from where import is proposed is declared free of any diseases (specify)	
10.	Is pre-shipment quarantine done from exporting country; if so, type of quarantine and certification	
11.	Route, packaging and shipment details	
12.	Statement of anticipated annual production indicating production of nauplii; survival rate; and PL	
13.	Has the hatchery been flooded during the past 5 years; Has the hatchery been fenced ?	

14.	Whether the hatchery has been registered with MPEDA and approved by CAA and the date of expiry of the Registration (indicate Registration Number and date)	
15.	What are the Bio-security arrangements available in the Hatchery	
16.	Give details of the Effluent Treatment System in the Hatchery complex	
17.	List of machinery and facilities available in the hatchery (to be filled in as per the proforma at Appendix-1 attached to this application)	
18.	No. of qualified technical personnel employed, their names and qualifications.	

Place :
Date :

Signature of the Applicant
Name : _____
Address: _____

Note: A layout of the hatchery and necessary approvals of local bodies such as the Village Panchayat etc. should be submitted along with this application.

COASTAL AQUACULTURE AUTHORITY
(Ministry of Agriculture, Government of India)
Shastri Bhavan Annexe, 26, Haddows Road, Chennai-600006

Proforma for furnishing details of infrastructure available at the shrimp hatchery

Belonging to at

Physical facilities	Capacity
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A. Seawater intake system

Seawater required/day:

No. and capacity of the pump:

Filtration system and number of pressure sand filter installed:

UV sterilization:

No. of storage tanks:

Capacity of each storage tank:

No. of chlorination tanks and capacity:

No. of sedimentation tanks and capacity:

B. Freshwater intake system

Pumps :

HDPE/cement overhead tank:

C. Maturation / spawning

No. of maturation tanks:

Capacity of each tank:

No. of spawning/hatching tanks:

Capacity of each tank:

D. Larval Rearing

No. of larval rearing tanks:

(i) early larval rearing:

(ii) post-larval rearing:

(iii) Post-larval rearing tanks in open area (optional):

E. Live feed Algal culture Lab

Indoor algal culture tanks (FRP):

Outdoor tanks:

No. of artemia hatching tanks:

Capacity of each tank:

:2:

F. Feed / storage facility for broodstock & PL :

G. Common facilities

Generators :
Air blower/compressor:
Staff quarters:
Office buildings:

H. Hatchery Laboratory

Lab equipments:
PCR and its related accessories:
Balance:
Glassware:
Airconditioning:
Deep freezer:
Other items:
(reagents available for testing
Pathogens of *L.vannamei*)
Incinerator:

Whether any antibiotics are used in the hatchery?
If so, the details of such usage.

Signature:

Name : _____

Place :
Date :

Address of the Hatchery owner : _____

Recommendation:

On physical verification, the Inspection Panel constituted by CAA is satisfied/not satisfied with the facilities available in the hatchery and the procedures adopted therein to qualify for import and breeding and seed production of SPF *L.vannamei* broodstock.

Panel Members (Name & Address)

Signature with Date

**THE COASTAL AQUACULTURE AUTHORITY
(Ministry of Agriculture, Government of India)**

**Declaration to be furnished by the owner of the hatchery along with the application
(to be signed on Rs.50/- non-judicial stamp paper)**

- 1.0 I/We, aged, son(s) of and owner(s) of the million per annum installed capacity shrimp seed hatchery at (location) in (District) of (State) hereby declare that I/We have read and understood the Norms for approval of Shrimp Hatcheries for biosecurity and seed production of SPF *L.vannamei* and agree to abide by the conditions laid down in the Norms.
- 2.0 I/We declare that I/We have already set up/provided the physical facilities specified in Appendix 1 of the Norms and that I/We shall continue to provide such facilities, failing which the registration granted to me may be cancelled.
- 3.0 I/We hereby declare that I/We am/are following and shall continue to follow the Guidelines specified in Coastal Aquaculture Authority Rules, 2005 and the specific guidelines and safeguards required for Hatcheries raising/producing SPF *vannamei*.
- 4.0 I/We undertake to produce in my/our hatchery only seeds following the specifications laid down, failing which I/We agree to the cancellation of the approval.
- 5.0 I/We also undertake to carry out improvements, additions, alterations or up-gradation suggested by CAA, failing which I/We understand that the CAA can cancel the approval.
- 6.0 I/We also agree to abide by any instruction that may be issued by the CAA from time to time regarding the operation of the hatchery, failing which I/We understand that the CAA can cancel the approval.
- 7.0 I/We also agree to the inspection of the hatchery by any designated officer(s) of CAA at any time, with prior intimation.
- 8.0 I/We also agree to provide the production records, laboratory analysis sheets etc. to the Inspection Team and shall submit regular reports to the CAA.
- 9.0 I/We also agree to submit to CAA, any returns regarding production of seeds and supply to farmers and the running of the hatchery and maintenance of any record as may be specified by CAA from time to time.
- 10.0 I/We also agree to issue a quality certificate to accompany the consignments of seed shipped from my establishment (self-certification) regarding the SPF status of the seed.

- 11.0 I/We also agree to settle disputes if any on the quality of the seeds with farmers with due diligence.
- 12.0 I/We agree to deposit a bank guarantee for a sum of Rs.5.00 lakhs in case of approval given to me/us for the import of SPF broodstock of *L.vannamei* as indicated in the Guidelines.
- 13.0 I/We agree to sell the seed only to the farmers registered with the CAA (on production of a copy of the Registration Certificate issued by CAA) and permitted (copy of the permission letter issued by CAA) to culture SPF *L.vannamei*.

Place:
Date :

Signature with address and seal

Form IV

[see guidelines {Annexure-II, Part-I, 8(2)}]

Format for Quarterly Compliance Report from Hatcheries

The report should contain the following information:

1. Name and Address
2. Date and number of certificate of registration and permission to import
3. Number of broodstock imported, males and females
4. Transport mortality
5. Quarantine mortality
6. Total number of spawning
7. Total number of eggs produced
8. Total number of nauplii produced
9. Total number of post larvae produced
10. Report on general aquatic health monitoring and any unusual mortality
11. Total number of post larvae sold to the farmers
12. Details of the farmers to whom sold (should include information on the name, address, Registration number) and copy of the permission letter for culturing *L. vannamei* issued by Coastal Aquaculture Authority.

Place:

Date:

Signature

Name of the Authorized Signatory

COASTAL AQUACULTURE AUTHORITY

Ministry of Agriculture

Government of India

Shastri Bhavan Annexe, 26, Haddows Road, Chennai-600006

Application for permission to culture SPF *L.vannamei*

(To be accompanied by a processing fee at the rate of **Rs.500/- per hectare of water spread area** in the form of Demand Draft drawn from any nationalised bank in favour of 'Coastal Aquaculture Authority' payable at Chennai)

1.	Name of the applicant(s) / registered company / establishment (in BLOCK LETTERS with permanent address)	
2.	Address for communication including PIN CODE (in BLOCK LETTERS)	
3.	Registration Number of farm* as per the certificate issued by Coastal Aquaculture Authority and full address of the location of the farm (attach photocopy of the registration certificate issued by the Coastal Aquaculture Authority)	
4.	If already operating, furnish details of present / last culture i.e., species cultured, date of stocking ; date of harvesting ; present status of farm.	
5.	Details of the farm :	
	i) Total farm area (in ha.)	
	ii) Water spread area (in ha.)	
	iii) Brief location of the farm	
	iv) Source of water supply (whether sea based; or creek /estuary / canal / backwater based)	

**Applicants who have not yet registered their farms with the CAA should indicate the date of submission of their application for registration to the DLC/SLC.*

6.	Area proposed to be brought under <i>vannamei</i> culture in the next one year period – whether single crop or more	
7.	Whether there is any tie up with hatcheries supplying <i>vannamei</i> (indicate probable supplier of seed and distance and system proposed to transport seed).	
8.	Proposed stocking density of seed.	
9.	Total requirement of seed per crop.	
10.	Indicate the source of feed and feed management proposed.	
11.	Contingency plan to tackle any disease problem (including facilities available for disease diagnosis)	
12.	Antibiotics or probiotics, if any, proposed to be used.	
13.	Are you proposing to install aerators; if yes, number and capacity; if not, what is the mechanism proposed, to maintain oxygen level in the ponds.	
14.	Indicate existing / proposed water exchange system (zero water exchange may be indicated) in the farm	
15.	Provisions for fencing bird scare, arrangements for upkeep of implements for daily use.	
16.	Duration of culture (each crop) and the average size of shrimp proposed to be harvested.	

17.	Whether any adjoining farms are culturing <i>P.monodon</i> or any other species.	
18.	Whether the farm has ETS; if so, give details indicating as to how the waste water is proposed to be discharged.	
19.	If the farm is in a cluster, whether Common Effluent Treatment System (ETS) is provided; if so, the details.	
20.	Whether the applicant has his own processing facility or regular tie-up with any registered processing units.	
21.	What is the marketing arrangement available now / proposed in future.	
22.	Training received for <i>L.vannamei</i> culture, if any.	
23.	Arrangements for record maintenance for management purposes. (Details regarding seed source and quantity, feed source and quantity of feed used, quantity harvested per crop, harvest and sale of shrimp)	
24.	Details of Demand Draft	Amount : DD No. & Date : Bank :

Place :
Date :

Signature of the Applicant
Name : _____
Address: _____

Form V

[see guidelines {Annexure-II, Part-II, 5(2)}]

Quarterly Compliance Report from Farms

The report should contain the following information:

1. Name and Address
2. Date and number of Certificate of Registration issued by Coastal Aquaculture Authority
3. Date and number of permission letter from Coastal Aquaculture Authority for culturing *L. vannamei*
4. Number of post larvae purchased
5. Name and address of the hatchery
6. Number and date of the certificate of registration of the hatchery
7. Letter from the hatchery indicating the number of post larvae sold to the farmer
8. Total number stocked
9. Total weight harvested
10. Average size at harvest
11. Days of culture
12. Details of sequential harvesting (depending on the size of the ETS) carried out
13. Dates on which Inspection committee visited and collected samples.

Team 9

Place:

Date:

Signature

Name of the Authorized Signatory