



# Extraordinary Issue Published by the Authority

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### Government of the Peoples Republic of Bangladesh Ministry of Fisheries and Livestock

### **Notification**

Dated: 27 Badra 1418 BE / 11 September 2011 AD

S.R.O. No. 285-Act/2011.—In Exercise of powers conferred by section 22 of the Fish Feed and Animal Feed Act, 2010 (Act 2 of 2010), the Government is hereby pleased to make the following rules, viz:—

- **1. Short Title**. These rules may be called the Fish Feed Rules, 2011.
- **2. Definition**. In these rules, unless there is anything repugnant in the subject or context—
  - (a) "Act" means the Fish Feed and Animal Feed Act, 2010 (Act 2 of 2010);
  - (b) "Feed Standard" means the amounts of nutrient content in the fish feed required for nutrition and normal growth of fish, such as, protein, fat, carbohydrate, vitamin, minerals, moisture, ash, fibre etc, as mentioned in the schedule 6 under section 10 of the act and the standard fixed time to time by the Director General of the Department of Fisheries;
  - (c) "Technical personnel" means any employee engaged production, processing, warehouse and storage of fish feed;
  - (d) "Feed item" means different ingredients, mixture of ingredients, feed binder, feed additives and feed preservatives used in fish feed as mentioned in schedule 3(a), 3(b) and 3(c) of these Rules, and feed ingredients determined time to time by the Director General of the Department of Fisheries;
  - (e) "Schedule" means any schedule of these Rules;
  - (f) "Form" means any form annexed with these Rules;
  - (g) "Feed preservatives" means any ingredient used in fish feed, which may protect the nutritive values and external characteristics of the feed stuffs for a longer time;

- (h) "Feed additives" mean the elements mentioned in the schedule 4 of these Rules, mixed in fish feed, which may be nutritious or may not, but make fish feed attractive and increase its acceptability;
- (i) "Feed Binder" means the ingredients used in fish feed as mentioned in schedule-5 of these rules which bound the feed ingredients together for a particular period of time, so that the ingredients do not disintegrate quickly;
- (j) "Fee" means the fixed fee mentioned in rule 5 payable in accordance with the section 8 of the act;
- (k) "Licensing Authority" means the Authority as defined in the section 5 of the act.
- **3.** Application procedure for license and the forms. (1) Any person desires to have license, shall apply to the licensing authority through Form-1, or Form-2, or Form-3, complying with the conditions along with the documents and facts as mentioned in Rule 4.
- (2) The empowered officer can inspect the concerned factory, establishment, location as to verify the documents and facts, submitted with the application in accordance with sub-rule (1) or can ask for any relevant information in order to consider the application for license.
- (3) On verification, if the application found satisfactory in respect of documents and facts attached with it, the licensing authority will inform the applicant in writing to deposit the license fee as mentioned in rule 5 in the prescribed head of account.
- (4) After being informed in accordance with sub-rule (3) if the license fee as mentioned in rule 5 is paid by the applicant, the licensing authority will issue the license to the applicant through form 4.
- (5) On verification of the application, received in accordance with sub-rule (1), if it is found to the licensing authority that the applicant failed to comply with the conditions for license as per rule 4, in that case the licensing authority will disapprove the application and will inform the applicant through form 5 in accordance with sub-section (2) of section 4 of the Act.
- **4. Conditions for License**. In accordance with section 6 of the act, the applicant has to fulfill the conditions, set against 3 (three) different categories mentioned here in after:-
  - (a) **Category–1:** Conditions for license of production, processing, storage and marketing of fish feed:-
    - (1) Up to date Income Tax Certificate;
    - (2) Vat Registration Certificate;
    - (3) Technical manpower [rule-2 (c),];
    - (4) Adequate facilities as mentioned in schedule 1 and 2;
    - (5) Information and data on annual production, processing and storage capacity of fish feed;

- (6) Compliance with the prerequisites mentioned in schedule 3(a), 3(b) and 3(c) to determine the maximum uses limit and nutrient content of the ingredients to be used in fish feed;
- (b) Category-2: Conditions for import and export of fish feed
  - (1) Import and export license;
  - (2) Vat Registration Certificate;
  - (3) Up to date Income Tax Payment Certificate;
  - (4) Up to date trade license;
  - (5) Facilities mentioned in schedule 2;
  - (6) Standard and adequate warehouse for storage of fish feed;
  - (7) Quality certification of goods from BSTI;
  - (8) Certificate from Department of Environment in case of import.
- (c) Category-3: Sale of fish feed
  - (1) Full address of the selling place;
  - (2) Up to date trade license;
  - (3) Designated shop suitable to protect pollution in a bazaar, hat or port
  - (4) There shall be suitable establishment for storage of fish feed.
- **5. Fee for License, renewal and appeal**. Under the provisions of the act and rules license fee, renewal fee and appeal fee shall be payable at the rates as mentioned in the table below.

Table

Sl No.	Category	License Fee (Taka)	Renewal Fee (Taka)	Appeal Fee (Taka)
1	2	4	5	6
01	Production, processing and storage of fish feed (Category-1)	10,000	5,000	6,000
02	Import, export and storage of fish feed ingredients (Category-2)	10,000	5,000	6,000
03	Fish feed wholesale (Category-3a)	1,000	500	1,000
04	Fish feed retail sale (Category-3b)	500	300	500

- **6. Standard for using additives, binder and ingredients used in fish feed**. To maintain the quality formulated fish feed should comply with section 10 of the act, and schedule 4 for additives, schedule 5 for binder and schedule 6 for predetermined standards. Fish feed should be prepared maintaining the set standards.
- **7. Harmful Chemical substances.** The harmful chemical substances, use of which are prohibited in fish feed are listed in Schedule 7 and 7(a) in accordance with the provision of the Section 14 of the Act.

- **8.** Methods for determination of standard/nutritional value of the fish feed.— (1) The licensing authority or the Officer empowered so can draw sample and test standards of that sample in the prescribed laboratory in accordance with the procedure laid down in Rule 9.
- (2) The quality or nutritive value of commercial fish feed can be determined by the methods mentioned below, viz.
  - (a) **Protein:** Kjeldhal method or any method recognized scientifically.
  - (b) Oil: Solvent extraction (acetone/ether extraction) method or any method recognized scientifically.
  - (c) **Moisture:** Oven drying method at 105°-110°C temperature or any method recognized scientifically.
  - (d) **Ash:** Furnace burning method for a period of 6 (six) hours at 600°C temperature or any method recognized scientifically.
  - (e) **Fiber:** Solvent Extraction, and Acid & Alkali Method or any method recognized scientifically.
  - (f) Carbohydrate: The value that remains after deduction of the values of protein, oil, moisture, ash, water, and fiber as determined in percentage shall be calculated as carbohydrate.
- **9. Procedure for testing of fish feed standard.** To ascertain the quality in any stage of commercial production and marketing of imported or domestically produced fish feed the following protocols has to follow in accordance with sub-section (3) of section 11 of the Act, viz.
  - (a) The licensing authority or the empowered officer and the producer, importer, representatives of the factory, warehouse, transport van, proprietor/ director/ secretary/ manager/ officer/ employees/ representative shall pack, seal and sign on the packet of the jointly collected sample.
    - Provided that, in case of refusal of anybody to sign, the collected sample should be packed and sealed in presence of two witnesses.
  - (b) The licensing authority or the Officer empowered so will send the collected sample to prescribed Quality Control Laboratory within seven working days for testing.
  - (c) The Quality Control Laboratory shall send the test report to the licensing authority within 30 (thirty) days from the date of receipt of the sample.
  - (d) The licensing authority or the officer empowered so will send the sample to other prescribed laboratory, if any Quality Control Laboratory expresses inability to submit the test report or results within a period of 30 (thirty) days.
  - (e) If any fish feed producer raises question in respect of the test result, and request for testing the collected sample to any other prescribed Quality Control Laboratory,

- the licensing authority or empowered officer can send another sample of the said fish feed to any other prescribed Quality Control Laboratory for re-testing.
- (f) In case of two different test results/reports from two laboratories for a fish feed, the licensing authority or empowered officer can send the sample of that fish feed to a 3<sup>rd</sup> prescribed Quality Control Laboratory for re-testing.
- (g) In case of testing samples of a fish feed from 3 (three) laboratories, the licensing authority will consider the nutritive value of the said fish feed on the basis of the results of those two laboratories which are similar or close to.
- (h) In the case of clause (b) the licensing authority, and in case of clause (e) and (f) the proprietor or representative of the feed manufacturing establishment shall pay the test fee.
- **10. Forfeiture**.— In accordance of the section 16 of the act, the licensing authority can forfeit through form 6, in a whole or any portion of the fish feed, stored ingredients and machineries, if the fish feed is evident as harmful or adulterate.

(See rule 4)

### Facilities for establishment of fish feed production and processing factory, Manufacturing of feed, processing, manpower etc:

- a. In order to establish and operate fish feed production and processing (category-1) factory, for manufacturing of fish feed, processing, storage, labratory, mixing, packing, etc. there should be following facilities:
  - (1) Factory building;
  - (2) Machinaries for processing Fish feed;
  - (3) Fish feed weighing and packing house;
  - (4) Quality warehouse or godown for fish feed;
  - (5) Communication facilities, water, electricity, gas supply;
  - (6) Laboratory and adequate technical manpower;
  - (7) Quality control management and hygenic environment;
  - (8) Waste mangement unit and sewerage facilities;
  - (9) Boundary wall.
- b. Equipments/machinaries for establishment and operation of fish feed production and processing factory (category-1):
  - (1) Feed ingredient receiving unit;
  - (2) Processing unit;
  - (3) Mixing unit;
  - (4) Boiler, air compressor, control panel;
  - (5) Pilleting unit;
  - (6) Fish feed weighing equipments; and
  - (7) Packing and leveling, traceability documentation unit etc.
- c. Information about skill and technical manpower for establishment and operation of fish feed production and processing factory (category-1)

(See rule-4)

# Required physical and quality facilities for proper fish feed preservation, storage, packing etc for the purpose of import and export fish feed (category-2):

- 1. In case of import of prepared fish feed, or fish feed ingredients stipulated standards of fish feed, proper preservation and quality control facilities is to be esured.
- 2. Warehouse /godown with adequate capacity.
- 3. Fish feed weighing and packing equipment/facilities

### Schedule-3(a)

(See rule-2 and 4)

### Maximum limit of using animal based feed ingredients in fish or shrimp feed

Sl. No.	Feed ingredient	Crude protein (%)	Maximum limit (%)
1.	Fish meal	60 -65	50
2.	Fish silage	45-70	30
3.	Poultry by-product meal	50-60	20
4.	Poultry offal meal	60-65	30
5.	Blood meal	70-90	10
6.	Bone meal	10-30	5
7.	Meat meal	50-70	30
8.	Meat and bone meal	40-50	25
9.	Silk worm pupae	45-60	20
10.	Shrimp meal	45-70	25
11.	Shrimp meal (head and tail)	20-30	8

### Schedule-3(b)

(See rule-2 and 4)

# Maximum limit of using of plant based feed ingredients in fish or shrimp feed

Sl. No.	Feed ingredient	Crude protein (%)	Maximum limit (%)
	Oil seed and fruits oil		
1.	Soyabean (raw)	24-26	10
2.	Soybean meal (Solvent extracted or mechanically extracted)	40-45	<30% of feed protein or <75% of feed protein with added methionine
3.	Cotton seed cake (oil extracted)	30-40	15
4.	Nut cake	30-50	25

Sl. No.	Feed ingredient	Crude protein (%)	Maximum limit (%)
5.	Sunflower seed cake	30-40	25
6.	Linseed cake	30-40	25
7.	Mustered oil cake	30-35	20
8.	Rapeseed cake	30-40	20
	Cereal crops		
1.	Rice bran (auto)	10-14	75
2.	Broken wheat (flour)	12-14	20
3.	Wheat bran (polish)	12-16	50
	Legumes		<i></i>
	Epil-epil leaves meal	25-28	20
	Aquatic weed		
	Dried Azola meal	20-25	25
	Dried duck weed	18-20	25

## Schedule-3(c)

(See rule-2 and 4)

# Nutritional values of traditional/marketable quality ingredients used in fish feed

### a) Fish meal

,		
Nutrient content		
Moisture	: 14% maximum	
Protein	: 40% minimum	
Fat/oil	: 7% maximum	
Ash	: 20% maximum	
Calcium	: 6% maximum	
Phosphorus	: 2% minimum	

# c) Meat meal

Nutrient content		
Moisture	: 12% maximum	
Protein	: 50% minimum	
Fat/oil	: 8% minimum	
Ash	: 20% maximum	
Fiber	: 5% maximum	
Calcium	: 5% maximum	
Phosphorus	: 2% minimum	

e) Rapeseed cake

Nutrient content		
Moisture	: 12% maximum	
Protein	: 32% minimum	
Fat/oil	: 1% minimum	
Ash	: 12% maximum	
Fiber	: 12% maximum	

### b) Meat and bone meal

Nutrient content		
Moisture	: 12% maximum	
Protein	: 40% minimum	
Fat/oil	: 7% minimum	
Ash	: 30% maximum	
Fiber	: 10% maximum	
Calcium	: 11% maximum	
Phosphorus	: 4% minimum	

### d) Mustered oil cake

Nutrient content		
Moisture	: 12% maximum	
Protein	: 28% minimum	
Fat/oil	: 7% minimum	
Ash	: 10% maximum	
Fiber	: 12% maximum	

f) Rice bran (auto)

Nutrient content		
Moisture	: 12% maximum	
Protein	: 11% minimum	
Fat/oil	: 12% minimum	
Ash	: 20% maximum	
Fiber	: 15% maximum	

g) Ordinary rice bran

Nutrient content		
Moisture	: 12% maximum	
Protein	: 8% minimum	
Fat/oil	: 8% minimum	
Ash	: 20% maximum	
Fiber	: 15% maximum	

### h) Oil extracted rice bran

Nutrient content		
Moisture	: 10% maximum	
Protein	: 14% minimum	
Fat/oil	: 0.5% minimum	
Ash	: 20% maximum	
Fiber	: 20% maximum	

### i) Wheat bran

Nutrient content			
Moisture	: 14% maximum		
Protein	: 12% minimum		
Fat/oil	: 5% minimum		
Ash	: 15% maximum		
Fiber	: 10% maximum		

### j) Soybean meal

Nutrient content			
Moisture	: 14% maximum	١.	
Protein	: 40% minimum		
Fat/oil	: 1% minimum		
Ash	: 15% maximum		
Fiber	: 10% maximum		

### **Schedule-4**

(See rule-2 and 6)

### List of suitable feed additives in fish feed

- 1. Calcium citrate
- 2. Ascorbic acid
- 3. Citric Acid
- 4. Sorbic acid
- 5. Potassium sorbate
- 6. Calcium sorbate
- 7. Tetrapotassium diphosphate
- 8. Monopotassium orthophosphate
- 9. Benzoic acid
- 10. Sodium benzoate
- 11. Potassium benzoate
- 12. Calcium benzoate
- 13. Sulphur dioxide
- 14. Sodium sulphite
- 15. Sodium sorbate
- 16. Sodium ascorbate
- 17. Sodium hydrozen sulphite
- 18. Potassium ascorbate
- 19. Sodium citrate
- 20. Monosodium orthophosphate
- 21. Tetra sodium diphosphate
- 22. Penta sodium triphosphate

- 23. Sodium metabisulphite
- 24. Potassium metabisulphite
- 25. Calcium sulphite
- 26. Calcium hydrogen sulphite
- 27. Potossium hydrogen sulphite
- 28. Sodium triphosphate
- 29. Sodium poly phosphate
- 30. Potassium polyphosphate
- 31. Pentapotassium triphosphate
- 32. Potassium sulphate
- 33. Potassium citrate
- 34. Potasium triphosphate
- 35. Sodium-calcium polyphosphate
- 36. Calcium polyphosphate
- 37. Sorbitol
- 38. Mannitol
- 39. Isomalt
- 40. Maltitol
- 41. Lactitol
- 42. Xilitol

(See rule-2 and 6)

### List of suitable feed binder for use in fish feed

- 1. Feed grade tricalcium phosphate
- 2. Feed grade monocalcium phosphate
- 3. Gelatin
- 4. Corn gluten meal
- 5. Spray-dried urea-formaldehyde resin in powder form
- 6. Food-grade banana powder
- 7. Food-grade cassava powder
- 8. Feed-grade banana powder (pellet binder), and
- 9. Industrial-grade banana powder

(See rule-2, 6, 8)

# a. Standard of manufactured feed for Carps (% dry basis)

Nutrient	Level	Name of feed				
		Nursery	Starter (1-2)	Starter-3	Grower	Finisher
Moisture	maximum	12.0	12.0	12.0	12.0	12.0
Protein	minimum	28.0	26.0	24.0	22.0	21.0
Fat/oil	minimum	7.0	6.0	6.0	5.0	4.0
Carbohydrate	maximum	30.0	32.0	35.0	40.0	41.0
Fiber	maximum	6.0	8.0	8.0	9.0	10.0
Ash	maximum	17.0	18.0	19.0	21.0	22.0
Calcium	maximum	2.20	2.00	1.90	1.80	1.70
Phosphorus	minimum	0.80	0.70	0.70	0.60	0.50

# b. Standard of Cat fish (Pangas, shing, magur like fish) feed (% dry basis)

Nutrient	Level	Name of feed				
		Nursery	Starter (1-2)	Starter-3	Grower	Finisher
Moisture	maximum	12.0	12.0	12.0	12.0	12.0
Protein	minimum	32.0	30.0	28.0	25.0	24.0
Fat/oil	minimum	8.0	7.0	7.0	6.0	5.0
Carbohydrate	maximum	26.0	30.0	33.0	37.0	38.0
Fiber	maximum	5.0	6.0	7.0	8.0	9.0
Ash	maximum	18.0	20.0	21.0	23.0	24.0
Calcium	maximum	2.2	2.1	1.9	1.9	1.8
Phosphorus	minimum	0.9	0.8	0.7	0.7	0.6

# c. Standard of manufactured feed for Perch (Koi fish) (% dry basis)

Nutrient	Level	Name of feed				
		Nursery	Starter (1-2)	Starter-3	Grower	Finisher
Moisture	maximum	12.0	12.0	12.0	12.0	12.0
Protein	minimum	35.0	33.0	33.0	32.0	32.0
Fat/oil	minimum	8.0	8.0	7.0	6.0	6.0
Carbohydrate	maximum	24.0	28.0	28.0	34.0	35.0
Fiber	maximum	4.0	5.0	6.0	6.0	6.0
Ash	maximum	16.0	18.0	18.0	20.0	21.0
Calcium	maximum	2.1	2.0	2.0	1.8	1.7
Phosphorus	minimum	0.7	0.6	0.6	0.5	0.4

# d. Standard of manufactured feed for tilapia (% dry basis)

Nutrient	Level	Name of feed				
		Nursery	Starter (1-2)	Starter-3	Grower	Finisher
Moisture	maximum	12.0	12.0	12.0	12.0	12.0
Protein	minimum	30.0	28.0	27.0	25.0	24.0
Fat/oil	minimum	6.0	6.0	5.0	5.0	5.0
Carbohydrate	maximum	28.0	30.0	32.0	38.0	40.0
Fiber	maximum	5.0	7.0	7.0	8.0	9.0
Ash	maximum	16.0	18.0	18.0	20.0	22.0
Calcium	maximum	2.3	2.1	2.0	1.9	1.8
Phosphorus	minimum	0.8	0.7	0.6	0.5	0.4

# e. Standard of manufactured feed for Prawn (% dry basis)

Nutrient	Level	Name of feed				
		Nursery	Starter (1-2)	Starter-3	Grower	Finisher
Moisture	maximum	12.0	12.0	12.0	12.0	12.0
Protein	minimum	32.0	31.0	30.0	29.0	28.0
Fat/oil	minimum	7.0	6.0	6.0	5.0	5.0
Carbohydrate	maximum	25.0	28.0	29.0	35.0	36.0
Fiber	maximum	4.0	5.0	6.0	7.0	7.0
Ash	maximum	17.0	19.0	20.0	21.0	22.0
Calcium	maximum	3.2	3.0	2.8	2.6	2.5
Phosphorus	minimum	1.5	1.4	1.3	1.2	1.0

# f. Standard of manufactured feed for Shrimp (% dry basis)

Nutrient	Level	Name of feed				
	**************************************	Nursery	Starter (1-2)	Starter-3	Grower	Finisher
Moisture	maximum	12.0	12.0	12.0	12.0	12.0
Protein	minimum	40.0	36.0	34.0	32.0	32.0
Fat/oil	minimum	5.0	5.0	4.0	4.0	4.0
Carbohydrate	maximum	22.0	24.0	26.0	29.0	30.0
Fiber	maximum	5.0	5.0	5.0	6.0	6.0
Ash	maximum	16.0	18.0	18.0	19.0	20.0
Calcium	maximum	3.0	2.7	2.5	2.1	2.0
Phosphorus	minimum	1.6	1.5	1.4	1.3	1.2

(See rule-7)

### List of harmful chemical subtances in fish feed

### Group A:

- 1. Anabolizan (hormones) and prohibited substances:
  - (a) All stilbens, substances produced from stilbens, their salts and esters
  - (b) Steroids, anabolic steroids
- 2. Antibiotics and pharmacologically active substances:
  - (a) Chloramphenicol
  - (b) Chloroform
  - (c) Chlorpromazine
  - (d) Colchicine
  - (e) Dapsone
  - (f) Dimefridiazole
  - (g) Metronidazole
  - (h) Nitrofurans, including metabilitesf
  - (i) Ronidazole

### Group B:

- 1. Active pharmacological substances (Antibacterial substances)
  - (a) Sulphonamides, All substances belonging to the sulphonamide group
  - (b) Diamino prymidine derivates: Trimethoprim, Amoxicylin, Ampiciline, Benzylpenicillin, Cloxacillin, Dicloxacillin, Oxacillin
  - (c) Quinolones: Flumequine, Sarafloxacin
  - (d) Tetracyclines: Chlortetracycline, Oxytetracycline, Tetracycline, Chlortetracycline, Oxytetracycline,
- **2. Organophosphorus compound:** Azamethiphos, Diazinon, Acephate, Fenitrothion, Malathion, Quinalphos.
- **3. Environmental contaminants:** Organochlorines. DDT, Aldrin, Endrin, Dieldrin, Heptachlor, Endosulphan, PCBs.
- 4. Chemical substances: Lead, Mercury, Cadmium, Chromium, Arsenic,
- **5. Micotoxin:** Aflatoxin (Group B1,B2,G1,G2)
- 6. Anthelmintics: Flubendazole
- 7. Dayes
  - (a) Malachite green
  - (b) Leucomalachite green
  - (c) Crystal violet
  - (d) Leucocrystal violet

### Schedule 7 (a)

(See rule-10)

# List of antibacterial substances and chemicals with their acceptable limits of which residues in fish feed should be tested:

### 1. Group A1: Stilbens and their Salt and Steroids

Nan	ne of Substance	Acceptable Limit
i)	Di-ethyle stelebesterol	00 ppb

### 2. Group A3: Steroids and Anabolic Steroids

Name of Substance		Acceptable Limit
i)	Testosteron	00 ppb
ii)	19 Nor-Testosteron	00 ppb
iii)	17- Estrogen	00 ppb

### 3. Group A6: Prohibited Antibiotics (Pharmacologically Active Substances)

Nan	ne of Substance	Acceptable Limit
i)	Chloramphenicol	00 ppb
ii)	Furazolidon Metabolites (AOZ)	00 ppb
iii)	Furaltadon Metabolie (AMOZ)	00 ppb
iv)	Nitrofurantoin Metabolite (AHD)	00 ppb
v)	Nitrofurazone Metabolite (SEM)	00 ppb

### 4. Group B1: Antibacterial Substances

Nan	ne of Substance	Acceptable Limit
i)	Tetracycline	100 ppb
ii)	Oxytetracycline	100 ppb
iii)	Chlortetracycline	100 ppb

### 5. Group B2: Anthelmintics

Name of Substance	Acceptable Limit
i) Flubendazole	05 ppb
ii) Mebendazole	05 ppb

### 6. Group B3a: Organochlorine Pesticides

Name of Substance		Acceptable Limit
i)	Aldrin	0.005 ppm
ii)	DDT	1.000 ppm
iii)	Heptachlor	0.005 ppm
iv)	Di-eldrine	0.005 ppm
v)	Endrin	0.010 ppm

## 7. **Group B3c: Chemical Elements**

Nam	e of Substance	Acceptable Limit
i)	Led	0.50 ppm (Shrimp)
		0.30 ppm (Fish)
ii)	Cadmium	0.50 ppm (Shrimp)
		0.05 ppm (Fish)
iii)	Mercury	0.50 ppm (Shrimp and Fish)
iv)	Chromium	0.10 ppm (Shrimp and Fish)
v)	Arsenic	1.00 ppm (Shrimp and Fish)
vi)	Copper	5.00 ppm (Shrimp and Fish)
vii)	Zinc	50.00 ppm (Shrimp and Fish)

### 8. Group B3d: Mycotoxins

Name of Substance		Acceptable Limit
i)	Aflatoxins (group B1)	2.00 ppb
ii)	Aflatoxins (B1, B2, G1, G2)	4.00 ppb

## 9. Group B3e: Dyes

Nan	ne of Substance	Acceptable Limit
i)	Malachite Green	00 ppb
ii)	Leuco-malachite Green	00 ppb
iii)	Crystal Violet	00 ppb
iv)	Leuco-crystal Violet	00 ppb

# "Form-1"

(See rule-3)

Two attested copies of passport size photograph of proprietor

### Application for license for production and processing of fish feed and storage establishment

1. Name of proprietor	:	
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Father's name : Mother's name : Detailed address :

2. Name and address of establishment (a) Head Office:

(b) Factory

- 3. Brief description of fish feed produced:
- 4. Production capacity of the proposed factory:
- 5. Storage capacity of fish feed:
- Infrastructural facilities of factory: (Building, communication, water, electricity, gas, sewerage and waste disposal facilities)
- 7. Description of machineries and equipment:
- 8. Information about manpower (a) General:
  - (b) Technical:
- 9. Income tax certificate (up to date):
- 10. Attested copies of trade license:
- 11. Receipt of application fee (Original copy):
- 12. Other information (If any):

I declare that the information stated above is correct. I further declare that I shall maintain the nutritional standard in prepared fish feed as mentioned in Fish Feed and Animal Feed Act, 2010, and Fish Feed Rules, 2011 and shall be bound to fully comply with all the rules and regulations.

Signature of Proprietor Date: (Seal)

"Form- 2"

(See rule-3)

Two attested copies of passport size photograph of proprietor

# Application for license of import of fish feed and feed ingredients/exporting firm

further declare that I shall be as mentioned in Fish Feed and
Signature of Proprietor Date: (Seal)

# "Form- 3"

(See rule-3)

## Application for license for selling fish feed

Two attested copies of passport size photograph of proprietor

1.	Name of proprietor:
	Father's name:
	Mother's name:
	Detailed address:
2.	Name and address of firm:
3.	Brief description of fish feed to be sold:
4.	Infrastructural facilities of the establishment:
5.	Attested copies of trade license:
6.	Receipt of application fee (original copy):
7.	Other information (If any):
	I declare that the information stated above is correct. I further declare that I shall be bound to fully comply with all the rules and regulations contained in Fish Feed and Animal Feed Act, 2010, and Fish Feed Rules, 2011.

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Signature of Proprietor

Date: (Seal)

# "Form- 4"

[See rule-3] Government of the People's Republic of Bangladesh		copies of passport size photograph of proprietor		
Mama na			Doto	
Memo no:			Date:	
License for	r production and processir	ng/import	t and export/storage and sale	of fish Feed
1. License	No.	:	Date of issue:	
2. Name of	f person/establishment	:		
• •	person/establishment private/joint limited compar	: ny)		
4. Informat	tion of person/proprietor	:		
(a)	Name and designation	:		
(b)	Father's name	:		
(c)	Mother's name	: <		
(d)	Present address			
(e)	permanent address	>:		
5. Category	y of license	:		
6. Annual f of sales:	fish feed production and pro	ocessing c	apacity/quantity of import-exp	port/quantity
7. Duration	of license	: Fron	n To	

Name of authorized officer Date:

Designation and signature

(Seal)

Two attested

of

# Renewal:

Duration of renewal			Date of renewal	Name, designation and signature of authorized officer
From	То	Renewed		
		Renewed		

# "Form- 5"

(See rule-3)

Two attested copies of passport size photograph of proprietor

Government of the People's Republic of Bangladesh	
Memo no. Date	
Subject: Rejection of application for license of fish feed production and fish feed import and export/ fish feed storage and sale.	processing/
1. Name and address of applicant/establishment:	
2. Date of application:	
3. Type of license applied for:	
4. Reasons of rejection of application for license:	
(a)	
(b)	
(c)	
Date: Signature of authoriz	zed officer
(Seal)	

"Form- (	5"
(See rule-1	0)

Government of the People's Republic of Bangladesh	
Memo no.	Date:
Subject: Forfeiture of adulterate fish feed and the production.	e materials and equipment used in
1. Name and address of producer/establishment:	
2. Name and address of proprietor (a) Head Office:	
(b) Factory:	
3. License number of producing establishment and issu	ue date:
4. Brief description of fish feed produced:	
5. Date of collection of adulterate fish feed sample:	
6. Testing laboratories (a) Name and address:	
(b) Date of testing:	
7. Description of adulterated ingredients found in fish	feed:
8. Information of adulterated batch of fish feed:	
(a) Lot number and date:	
(b) Total production in lot:	
(c) Quantity of present stock of feed:	
9. Description and quantity of fish feed liable to forfeit	ture:
10. Description of fish feed production related machine	eries/equipment liable to forfeiture:
11. Date of forfeiture:	
Date:	Signature of authorized officer
	(Seal)
	By order of the President
	Dr. Moazzem Hossain Deputy Secretary