	NEPAL BUREAU OF STANDARDS AND METROLOGY NEPAL PRODUCT CERTIFICATION SCHEME		STI
	DOC:STI/11/1	ISSUE 01	1 MARCH 2014

SCHEME OF TESTING AND INSPECTION FOR CERTIFICATION OF POULTRY FEEDS ACCORDING TO NS 11

1. Laboratory - A laboratory shall be maintained which shall be suitably equipped and staffed to carry out the different tests in accordance with the methods given in the Nepal Standards.

1.1 All the testing apparatus shall be periodically checked and calibrated and records of such checks/calibration maintained.

2. Test Record - All records of analysis and tests shall be kept in suitable formats approved by the NBSM.

2.1 Copies of any records that may be required by NBSM shall be made available at any time on request.

2.2 Quality Control-It is recommended that, as far as possible, Statistical Quality Control (SQC) methods may be used for controlling the quality of the products as envisaged in this Scheme.

2.3 In addition, effort should be made to gradually introduce a Quality Management System in accordance with NS ISO 9001-2008 Quality Management Systems -Requirements.


3. Standard Mark- The Certification Mark(s) as provided by NBSM along with the license shall be printed /stenciled each bag of poultry feeds, printed on the label applied to the bag as the case may be provided always that the material in each bag to which this mark is thus applied conforms to every requirements of the specification.

4. Marking - In addition, the following information should be given on each container or on the label attached to it:

- a) Name of the products and types;
- b) Trade name if any;
- c) Name and address of the manufacturer;
- d) Batch or code number;
- e) Net weight kilograms;
- f) Date of manufacture

5.0 LEVELS OF CONTROL- The Analysis and tests as indicated in Table 1 and at the levels of control specified therein, shall be carried out on the whole production of the factory and appropriate records and charts maintained in accordance with clause 2.0 above. All the production which conforms to the Nepal standards and covered under the scope of licence shall be marked with the Standard Mark.

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5.1 CONTROL UNIT – For the purpose of this scheme, the quantity of feeds of same type manufactured in one shift shall constitute a control unit.

5.2 Three samples shall be taken from each control unit at equal intervals at the time of filling the bags. These samples shall be separately tested for crude protein requirement. In case any of the three test values of crude protein be observed to be lesser than the value specified for that type of poultry feed, the mean of the three values \bar{X} and the difference between maximum and the minimum values R of the test results shall be calculated. The value for the expression $\bar{X}-0.4R$ shall be not less than specified requirement for crude protein.

5.3 The samples drawn from the control unit shall be prepared by thoroughly mixing, and tested for conformity to the specification requirements of moisture, crude fibre, acid insoluble calcium and available phosphorous as per Table 1(Poultry feeds) and Table 2 (Broiler feeds) of the specification (NS 11:2037) and appropriate records maintained.

5.4 The manufacturer shall declare the values of minerals and vitamins obtained either from the nature source or from any added source of the feed. Their quantities shall be not less than the respective values given in table 4 (for poultry feeds) and table 5 (for Broiler feeds) of NS 11:2037 and a record maintained showing the quantities of these added to each batch.

5.5 A record of antibiotics and coccidiostats added, if any, shall also be maintained.

6.0 HYGIENIC CONDITIONS – The factory shall always be maintained in good hygienic condition. All the processing equipment shall be properly cleaned and care shall be taken to prevent infestation and adventitious contamination.

7.0 In respect of all other clauses of the specification the factory will maintain appropriate controls and checks to ensure that product conforms to the various requirements of the specification


8.0 REJECTION- A separate record shall be maintained giving information relating to the rejection of units of Poultry Feeds, which do not conform to the specification and the method of their disposal. Such material, if packed in containers, shall in no case be stored together with that conforming to the specification.

9. Samples - The licensee shall supply, free of charge, the sample or samples required in accordance with the Nepal Standard (Certification Marks) Rules 2040 from his factory or go down. NBSM shall pay for the samples taken by it from the open market.

10. Replacement

10.1 Whenever a complaint is received soon after the goods with the Standard Mark have been purchased and used, and if there is adequate evidence that the goods have not been

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misused, defective goods or their components shall be replaced or repaired free of cost by the licensee in case the complaint is proved to be genuine and the warranty period (where applicable) has not expired. The final authority to judge conformity of the product to the Nepal Standard shall be with NBSM.

10.2 In the event of any damages caused by the goods bearing the Standard Mark, or claim being filed by the consumers against NBSM Standard Mark and not "conforming to" the relevant Nepal Standard, entire liability arising out of such non conforming product shall be of licensee and NBSM shall not in any way be responsible in such cases.

11. Stop Marking


11.1 The marking of the product shall be stopped under intimation to NBSM, if at any time, there is some difficulty in maintaining the conformity of the product to the specification or the testing equipment goes out of order. The marking may be resumed as soon as the defects are removed under intimation to NBSM.

11.2 The marking of the product shall be stopped immediately if directed to do so by NBSM for any reason. The marking may then be resumed only after permission by NBSM. The information regarding resumption of marking shall also be sent to NBSM.

12. Production Data

The licensee shall send to NBSM as per the enclosed proforma to be authenticated by the manufacturer by giving an affidavit / undertaking, a statement of quantity produced, marked and exported by him and the trade value thereof end of each operative year of the license.

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NS: 11:2037

Poultry Feeds (Starting, Growing and laying poultry Feeds & Broiler Starter and Finish feeds)

Table 1 LEVELS OF CONTROL

TEST DETAILS				LEVELS OF CONTROL		REMARKS
Clause	Requirements	Test Method		No. of Sample	Frequency	
		Clause	Reference			
3.1	Physical requirements					
	Forms (Powder or pellets)		Visual	one	Each Control Unit	
	Smell		sensory			
	Fungus and insect Infestation		Visual	One	-do-	
	Unusual foreign matters		-do-	One	-do-	
3.2	Mandatory Requirements					
	Moisture Percentage (Mass)	Annex "ka"	–	One	Each Control Unit	
	Crude Protein (Nitrogen x 6.25) (dry basis) percentage (Mass)	Annex "kha"	–	Three	-do-	
	Crude Fibre (dry basis) percentage (Mass)	Annex "Gha"	–	one	-do-	
	Ash Insoluble in acid(dry basis) percentage (Mass)	Annex "Knga"	–	one	-do-	
	Calcium(dry basis) percentage (Mass)	Annex "Cha"	–	one	do-	
	Available phosphorus(dry basis) percentage (Mass)	Annex "Chha"	–	one	do-	

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TEST DETAILS				LEVELS OF CONTROL		REMARKS
Clause	Requirements	Test Method		No. of Sample	Frequency	
		Clause	Reference			
3.3	Additional Requirements for poultry feeds					
	Crude fat (dry basis) percentage (Mass)	Annex "Ga"	–	One	Each Control Unit	
	Lysine (dry basis) percentage (Mass)	–	IS 7874 (Pt 1)	one	Once in 3 months	May be got tested from outside recognized labs
	Methionine (dry basis) percentage (Mass)	–	IS 7874 (Pt 1) or IS 10226 (Pt 1)	one	Once in 3 months	-do
	Metabolizable energy, (Kcal/kg)	–	IS 7874 (Pt 1) or IS 14826	one	Each Control Unit	

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