

2nd version

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Scheme for certification of processed food products containing red chillies as an ingredient



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Scheme for certification of processed food products containing red chillies as an ingredient

- 1 **Introduction:** - As presence of Sudan I-IV and aflatoxin in chillies and products containing chillies is becoming a major concern for food safety regulators in international market, it has been made mandatory (vide Spices Board circular no. MD/CH1/01/03 dated 7th March 2005) that all exports of food products containing red chillies shall be undertaken only if the consignment is certified to be free from Sudan I-IV and does not have aflatoxin more than the specified limits. The certification will be done by EIC, which is the official of certification body of Govt. of India under the Export (Quality Control & Inspection) Act, 1963. The scheme to check compliance of consignments of products containing chillies as one of the ingredient vis-a-vis specifications laid down is given in the document.
- 2 **Scope:** - The scheme covers inspection of consignment containing food products, which are having chillies as one of the ingredient. For the purpose of this scheme, the food products have been divided in the following four categories:
 - (a) Processed fruits and vegetables products like pickles, chutney, ketchups etc.
 - (b) Snack including extruded snacks like Bhujias, Starch based products like papad etc.
 - (c) Ready made masala mix
- 3 **Procedure**
 - 3.1 Application for inspection
 - 3.1.1 The exporter seeking approval shall submit their application for inspection in the format given at [Annex-I](#), in duplicate to the concerned EIA.
 - 3.1.2 Application shall be accompanied with a copy of the export contract and technical specification specified by the importing country or buyer if any other parameter is also required to be covered under certification.
 - 3.1.3 The application shall be accompanied with inspection fee as applicable in the form of demand draft drawn in favour of EIA concerned.
 - 3.1.4 The application shall be given not less than two days before the inspection is to be carried out if the premises is situated at the same station as office of EIA; and not less than 5 days before the inspection is to be carried out for premises which are not situated at the same station, where the EIA is located.
 - 3.2 **Inspection**
 - 3.2.1 The inspection shall be carried out by the concerned EIA either at the port of shipment or at the premises of the packer or any other premises where the consignment is offered by the exporter subject to adequate facilities for the inspection including drawing, preparation and sealing of the samples being provided by the exporter.

- 3.2.2 The EIA official authorised shall verify the lot to satisfy that the same is conforming as per declaration with respect to number, variety, and marking etc.
- 3.2.3 The consignment would be stack sealed if it is not containerised immediately after samples are drawn. Further, the containers shall be stuffed and sealed in the presence of inspecting officers of EIA.
- 3.2.4 In case, the consignment is containerised, the same shall be sealed and it shall also be recorded in the certificate of inspection. Further, the agency shall have the right to reassess the quality of the consignment at any place of storage, in transit or at the port before the actual shipment.
- 3.2.5 On completion of sampling the inspection officer shall prepare a field inspection report as format given at [Annex-II](#)

3.3 Sampling

- 3.3.1 For the purpose of testing of consignment, sample in duplicate shall be drawn from each lot offered for inspection by the designated EIA official based on sampling procedure given at [Annex-III](#).
- 3.3.2 The samples drawn must be sealed in presence of exporter so as that unauthorized opening is detectable. Both sample shall be given an identification tag carrying the following information
- Date of sampling
 - Lots size with batch –number
 - Sample weight
 - Name and designation of the sampling officer
- 3.3.3 One sample shall be given to the exporter under proper acknowledgment, while the second sample shall be sent to EIA laboratory/ EIC approved laboratory for testing as per the specifications prescribed. The exporter’s sample will be analysed only in case of dispute.

3.4 Testing

- 3.4.1 Lab sample shall be brought by EIA official and handed over to EIA laboratory/ EIC approved laboratory with due acknowledgement from the lab or couriered.
- 3.4.2 Lab samples shall be tested for parameters prescribed below as per the method of analysis referred in [Annex IV](#).

S No.	Parameters	Processed products intended for direct human consumption	Products to used as an ingredients	Spices mix
1	Aflatoxin (ug/kg)			
	B ₁	2	-	5
	B ₁ +B ₂ +G ₁ +G ₂	4	15 ppb	10
2	Sudan Red I-IV	Not detected	Not detected	Not detected

3.5 Certificate of Inspection

- 3.5.1 In case the sample conforms to the prescribed specification, EIA shall issue certificate of inspection as per the format prescribed at [Annex-V](#). The certificate of inspection will be valid for 60 days from the date of inspection by EIA.
- 3.5.2 If the sample drawn is found not conforming to the prescribed specification, the consignment will be rejected for export and the rejection report will be issued.
- 3.5.3 Certificate of inspection shall be valid for the period of 60 days from the date of issue.
- 3.5.4** In case material covered by the certificate is not shipped within sixty days from the date of inspection, the consignment shall have to be reinspected after charging necessary inspection fee, before a fresh certificate of inspection is issued.
- 3.5.5** In transit certificate of inspection may also be issued in case where the consignment is shipped prior to availability of test report subject to exporter undertaking that the consignment shall be called back in case it doesn't conform to the specification laid down

4.0 Inspection Fee

Fee at the rate of 0.4% of freight on Board (FOB) value subject to a minimum of Rs.500/- per consignment shall be paid to the concerned EIA in advance by the exporter in the form of demand draft/cheque drawn in favour of EIA concerned.

5.0 Marking & Packing

The product shall be packed in hygienically clean suitable containers. Each container shall be legibly and indelibly marked with the following information, namely:-

- Name and address of processor or manufacturer.
- Name and address of the exporter
- Name of the material and grade designation.
- Batch or Lot number.
- Year, month and date of processing or manufacturing.
- Gross mass and net mass.
- Product of India.
- Shipping mark.

Book No.EXPORT INSPECTION AGENCY-

Serial No.

FIELD INSPECTION REPROT

- 1 Name of the Exporter :
- 2 Name of the Processor :
- 3 Intimation No. and Date :
- 4 Description of Goods :
- 5 Basis of Inspection :
- 6 Date, Place and Time of Inspection :
- 7 Description of Consignments Inspected :
 - (a) Quantity :
 - (b) No. of Package :
 - (c) FOB Value :
 - (d) Grade and Variety :
 - (e) Mode of Packing :
 - (f) Lot No. :
- 8 Number and Sl. Nos. of the Packages from which the composite sample has been drawn :
- 9 Details of Shipping :
- 10 Marks on the Packages :
- 11 Physical condition of the Consignment :
- 12 Sanitary conditions of the premises where the consignment has been offered for inspection :
- 13 Details of identification tag on the final sample drawn for laboratory analysis :
- 14 Mode of Sealing the Lot :
- 15 No. of Seals/Stickers damaged :

Export worthy/Non Export worthy

Signature:.....
Name:.....
Designation:.....
Date:.....

SAMPLING OF PRODUCTS CONTAINING CHILLIES AS ONE OF THE INGREDIENTS

1. GENERAL REQUIREMENTS

- 1.0 In drawing, preparing, storing and handling samples, the following precautions and directions shall be observed.
- 1.1 Samples shall be taken in a protected place not exposed to damp air, dust or soot.
- 1.2 The sampling instrument shall be clean and dry when used.
- 1.3 Precautions shall be taken to protect the samples, the material being sampled, the sampling instrument and the containers for samples from adventitious contamination.
- 1.4 The samples shall be placed in clean and dry containers. The sample containers shall be of such size, that they are almost completely filled by the sample.
- 1.5 Each container shall be sealed air-tight after filling and marked with full details of sampling, code number and other important particulars of the consignment.
- 1.6 Samples shall be stored in such a manner that the temperature of the material does not vary unduly from the normal temperature.

2. DEFINITIONS

For the purpose of this standard, the following definitions shall apply.

2.1 Consignment

The quantity of product dispatched or received at one time and covered by a particular contract or shipping document. It may be composed of one or more lots.

2.2. Lot

A stated quantity of the material in a consignment presumed to be of uniform characteristics and offered for inspection at one time.

2.5 Laboratory Sample

The quantity of product obtained from combining the incremental samples taken from a lot for analysis. The quantity of material in incremental sample shall be four times the quantity required for carrying out all the tests

3.0 SCALE OF SAMPLING

3.1 Lot

All the containers in a single consignment belonging of the same grade of material shall constitute a lot. If the consignment is declared to consist of different grades of material, the containers belonging to the same grade shall be grouped together and the groups of containers of the same grade in a consignment shall constitute separate lots. In case of frozen to eat curried vegetable products which has large range of items, each range of time shall be treated as a lot and therefore, individual sample shall be drawn from each lot and thereafter, each same shall be subjected to testing for Sudan Red.

- 3.1.1 Samples shall be tested from each lot for ascertaining its conformity to the requirements of this specification.
- 3.1.2 The number of containers to be selected from each lot shall depend on the size of the lot and shall be done in accordance with Table 1,2,3,4 as applicable.

Table 1: Number of containers to be selected for processed fruits and vegetables

Number of cans/Bottles in the lot	Number of packing cases/ Bottles to be opened*	Number of cans/ Bottles to be selected for taking incremental sample
UP to 200	3	6
201 “ 300	4	8
301” 500	5	10
501”800	6	12
801”1300	7	14
1301” 3200	8	16
3201 and above	10	20

*- From each of packing cases selected, 2 cans/ Bottles shall be drawn so as to get the total number of cans shown in col 3 above

Table 2 : Scale of sampling for Snack including extruded snacks like Bhujias, Starch based products like papad etc.

Number of packs in the lot	Number of packs to be sampled for taking incremental sample
Up to 150	2
151 to 500	3
501 " 1000	4
1001 " 3000	5
3000 " 10 000	7
10 001 and above	10

Table 4 : Scale of sampling for spice mix like samber mix etc.

Number of Containers in a Lot	Sample Size for taking incremental sample
Up to 50	5
51 to 100	8
101 to 300	13
301 to 500	20
501 to 1000	32

- 2.3 The containers shall be selected at random from the lot.
- 2.4 The gross weight and net weight of each selected packages shall be recorded and ensured that the same is as the declaration on the packages and intimation

4. TEST SAMPLES

4.1 Preparation of Test Samples

- Combine all incremental samples collected in equal quantities from a lot using suitable sampling instrument from different parts (top, middle, bottom, etc) of the container till about 1 kg of the material is drawn. In the case of thermally processed curried vegetables, ready to eat vegetables (canned / bottled / flexible packaged/ aseptically packaged) the contents of each package selected as incremental sample shall be emptied and representative sample shall be picked out to make a composite sample of 1 kg.;
- Divide it into two equal parts. Each part so obtained shall constitute an individual sample representing the container and shall be transferred immediately to thoroughly cleaned, dry containers, sealed air-tight, and marked with particulars given under 3.3.2;
- Two individual samples so obtained from each container shall be made into sets in such a way that each set has a sample representing each selected container. One of these shall be marked for the exporter/processor, another for the EIA.

SPECIFICATIONS

S No.	Product	Parameter	Method	Detection limit
1	Processed fruits and vegetables products like pickles, chutney, ketchups etc.	Aflatoxin	HPLC/ELISA Kit	4 - 50 ppb
		Sudan Red I-IV	HPLC-DAD/	1-10 ppm
			LC MS MS	0.1-1 ppm
2	Snack including extruded snacks like Bhujias, Starch based products like papad etc.	Aflatoxin	HPLC/ELISA Kit	4-50 ppb
		Sudan Red I-IV	HPLC-DAD/	1-10 ppm
			LC MS MS	0.1-1 ppm
3	Ready made masala mix	Aflatoxin	HPLC/ELISA Kit	4-50 ppb
		Sudan Red I-IV	HPLC-DAD/	1-10 ppm
			LC MS MS	0.1-1 ppm

Annex-I**APPLICATION FOR INSPECTION**

Exporter's Name Address		1	Invoice No. & Date	10	Exporter's Ref.	11
Manufacturer's Name & Address		2	Buyer's Order No. & Date		12	
			To		13	
Details of the Manufacturer's Seal, if any		3	The		(Name & Address of the Inspection Authority)	
Inspection required on		4	Weekly Holiday	5	Address where consignment is to be inspected	
Vessel/Flight No.		6	Port of Loading		7	
Probable Date of Landing		8	Date of Sealing/Flight		9	
Mark & Nos. As declared		15	No. & Kind of Pkgs.	16	Description of Goods (*)	17
					Quantity	18
					FOB Value (in Rs.)	19
Technical requirements including specifications/approved samples with its characteristics as stipulated in the export contract.						20
Other Relevant Information						21
Declarations: Certified that the goods mentioned above have been manufactured/produced to satisfy the conditions applicable to them under the Scheme for certification of processed food products containing chillies as an ingredient and that consignment conforms to the specification Certified that the goods have been offered previously for inspection vide intimation no. Dated and the defects as pointed out earlier have been duly rectified.						22
Certified that no additional technical or quality requirements other than mentioned above have been stipulated by the overseas buyer.					Signature & Date	

(*) Description should include grade, size and brand, if any.

CERTIFICATION OF INSPECTION

Exporter's Name Address 1		Invoice No. & Date 6		
		Buyer's Order No. & Date 7		
Manufacturer's Name & Address 2		EXPORT INSPECTION AGENCY- Chennai/ Delhi /Kolkata/Kochi/ /Mumbai (Ministry of Commerce) Government of India Address of the concerned EIA.		
Details of the Manufacturer's Seal, if any 3				
Detail of Seal of Inspection authority, if any 4				
Specification Reference 5		Certificate No. 9		
Mark & Nos. 10	No. & Kind of Pkgs. 11	Description of Goods (*) 12	Quality 13	FOB Value (in Rs.) 14
Remarks, if any 10		Stamp for FOB Revision 15		
CERTIFICATION UNDER CONSIGNMENT WISE INSPECTION SYSTEM 16 It is hereby declared that the consignment as per details given above has been inspected as required under the Scheme for certification of processed food products containing chillies as an ingredient. <div style="text-align: right; margin-top: 10px;"> SEAL OF THE ISSUING AUTHORITY </div> It satisfies the conditions as applicable to it and is certified export worthy. Date of inspection <div style="text-align: right; margin-top: 20px;"> Signature Name Designation Date </div>				

(*) Description should include grade, size and brand, if any.

INTIMATION FOR INSPECTION

To

Export Inspection Agency,
.....
.....

Dear Sir,

Please carry out the inspection of consignment, particulars of which are given below for the issuance of Inspection Certificate for Export as required under the Export (Quality Control & Inspection) Act, 1963.

1. Name & Address of the Exporter	Ref. No.Date..... Inspection System: CWI Inspection Fee.....	
2. Name & Address of the Manufacturer	Cheque/Draft/Po Nos.....dated..... Deposit A/c. No..... Inspection required on.....	
3. Name of the Commodity	4. Buyer's order/contract No. & Date	
5. Description of goods including grade size, code and brand name, if any	6. Shipping Marks	7. FOB Value
		8. No. & Kind of Packages (if containerized)
9. Quantity	10. Basis of Inspection (Specifications)	
11. Details of Seals/Labels etc.	12. Exact address where the goods are lying for inspection	
13. Port of shipment	14. Weekly Holiday	15. Any other relevant information.

It is hereby certified that:

- (a) The consignment mentioned above was offered previously for inspection vide Intimation No.....dated..... Defects pointed out have been duly rectified.
- (b) No additional technical or quality requirements other than that mentioned in Box 10 has been stipulated by the overseas buyers.

Seal with full address of the firm.
Delete whichever is not applicable.

Signature:
Name & Designation:
(In Capitals)

ORIGINAL INSPECTION CERTIFICATE FOR EXPORT

Valid for Shipment Upto and including	Certificate No.	
1. Name and address of the exporter	Grams: SHIPMENTQUALITY Telex: EXPORT INSPECTION AGENCY- (Ministry of Commerce) Government of India	
2. Name and address of the manufacturer		
3. Name of the Commodity	4. Buyer's Order/Contract Number & Date	
5. Description of Goods including Size, code and brand name, if any	6. Quantity (as declared by the exporter)	7. Number and kind of packages
8. Shipping Marks	9. FOB Value	10. Details of Seal/Labels
11. Basis of Inspection	15. This is to certify that the commodities as per details given herein have been duly inspected under the Export (Quality Control and Inspection) Act, 1963, in accordance with the standard specifications and requirements of the Act. for Export Inspection Agency-..... Signature Name Designation Place Date (Seal)	
12. Date of Inspection		
13. Port of Shipment		
14. Remarks		