

**ECOSHAM**

## **ECOSHAM SECRETARIAT OF THE TECHNICAL HARMONISATION COMMITTEE 1 (THC01)**

**Report Number** ECOSHAM/THC1/ER/001/2017

**Report Type:** Report of Committee Enquiry on the 3 THC 01 Draft  
Harmonised Standards

**Document Title/Source:**

- (1) **D -ECOSTAND 030: 2016 - Specification for Groundnut** (Source - Codex Standard for Peanuts; CODEX STAN 200-1995)
- (2) **D-ECOSTAND 031:2016 - Code of Practice for the Prevention and Reduction of Aflatoxin Contamination in Groundnuts** (source - Code of Practice for the Prevention and Reduction of Aflatoxin Contamination in Peanuts (CAC/RCP 55-2004).)
- (3) **D- -ECOSTAND 072: 2017 - Code of Practice for Processing Cassava Products** (Source document Nigerian Industrials)

**Action Required** Receipt of Comments on drafted harmonized standard

**Opening Date** 2017-02-08

**Closing Date:** 2017-04-07

## **Report of Committee Enquiry**

(a) Draft Harmonized Standard submitted for Committee Enquiry

- (1) D -ECOSTAND 030: 2016 - Specification for Groundnut
- (2) D-ECOSTAND 031:2016 - Code of Practice for the Prevention and Reduction of Aflatoxin Contamination in Groundnuts
- (3) D- -ECOSTAND 072: 2017 - Code of Practice for Processing Cassava Products

Reaction/Technical comments were received from the following countries:

<b>S/N</b>	<b>COUNTRY</b>
<b>1</b>	<b>BURKINA FASO</b>
<b>2</b>	<b>CAPE VERDE</b>
<b>3</b>	<b>COTE D'IVOIRE</b>
<b>4</b>	<b>GAMBIA</b>
<b>5</b>	<b>GHANA</b>
<b>6</b>	<b>MALI</b>
<b>7</b>	<b>NIGERIA</b>
<b>8</b>	<b>SENEGAL</b>
<b>9</b>	<b>TOGO</b>

(b) No reaction/response received from the under listed countries

<b>10</b>	<b>LIBERIA</b>
<b>11</b>	<b>BENIN</b>
<b>12</b>	<b>NIGER</b>
<b>13</b>	<b>GUINEE</b>
<b>14</b>	<b>GUINEE BISSAU</b>
<b>15</b>	<b>SIERRA LEONE</b>

(c) The collated comments using the ECOSHAM Commenting Template



## ECOSHAM

### SECRETARIAT OF THE TECHNICAL HARMONISATION COMMITTEE 1 (THC1)

#### Collated comments and secretariat observations

Date: 9<sup>th</sup> February 2017

Document: D- ECOSTAND 030 2016  
SPECIFICATION FOR GROUNDNUT

1	2	(3)	4	5	(6)	(7)
ORG/INS <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/ Table/ Note (e.g. Table 1)	Type of comment <sup>2</sup>	Comment (justification for change)	Proposed change	Secretariat observations on each comment submitted
TOGO				No comments		
CÔTE D'IVOIRE			Ge	The formatting of the standard is not compliant	<p>For example, the references of the standards on each page do not appear</p> <p>Harmonize the title of the standard on pages 1 and 4</p> <p>The clauses for the normative references and definitions must be presented according to the rules of formatting of the ECOWAS harmonized standards</p>	
BURKINA FASO	Document title			The standard applies to several types of peanuts and the specifications are numerous.	Specifications for peanuts	

<b>SENEGAL</b>			TE	No section "Summary"	Add a summary in accordance to ECOWAS model harmonization (ECOSHAM)	
<b>SENEGAL</b>	All the document		GE	Non-harmonized police and font size	Font size and font to be harmonized according to ECOWAS format (Cambria Police and font size 12)	
<b>CÔTE D'IVOIRE</b>	Application 1.		Te	The scope does not specify the species concerned and refers to the definition 3.1. We believe that the definition is not meant to specify the species. . It should still remain generic. The species must be taken into account in the scope of the standard.  Subsequently, such an area of application is restrictive.	This Standard specifies the specifications for groundnut seed intended for human consumption or for oil extraction or for the manufacture of peanut butter.  It applies to peeled and sun-dried groundnut seeds belonging to the species <i>Arachis hypogaea</i>	
<b>MALI</b>	1 scope	Line 1 and 2	Ed	There is a slight correction to the sentence	Write " <b>such as defined</b> in Section 3.1.	
<b>SENEGAL</b>	1.Scope	Page 4/line 2	ed	In the French version ,reformulate for a better sense " section" by "chapitre"	Replace "section" by "Chapitre" in this part and in all the document.	
		Page 4/liges 2	ed	Reformulating the field of application for a better understanding of the intended use or purpose	Reformulate the scope as follows:  "This ECOWAS regional standard specifies the quality criteria for groundnuts, as defined in section 3 .1, intended for direct human consumption and further processing."	
<b>MALI</b>	2 normative References		GE	There is a CODEX standard for peanuts	Remember the " <b>CODEX STAN 200-1995 standard for peanuts</b> " standard in the normative references	
<b>BURKINA</b>	2	Te		Cite in normative references the "Code of	((li) (CAC / RCP 73-2013) Code of	

<b>FASO</b>				Practice for the Prevention and Reduction of Aflatoxin Contamination in Groundnuts"	Practice for the Reduction of Hydrocyanic Acid (HCN) in Cassava and Cassava Products						
<b>SENEGAL</b>	3. Terms and definitions	Page 4/line 1	ed	Replace the term "code of practice" with "standard" because we are in the case of a standard	Reformulate the sentence by: "For the purposes of this standard,":						
<b>NIGERIA</b>	<b>3.1</b>	Line 1	ED	For better meaning	Delete the word "are"						
<b>NIGERIA</b>	<b>3.4</b>		Te	By ISO directives, the clause on definition should not contain requirements. In addition this text contains values for specific requirements for peroxide levels in groundnuts (expressed as 5 meq active oxygen/kg max) ) and free fatty acid (expressed as 1% max)	Move the text in bracket - "(should not exceed 5 meq active oxygen/kg) and (should not exceed 1.0%" " to the clause for specific requirement. And the sentence should be corrected to read " <b>3.4 rancid kernels</b> kernels which have undergone oxidation of lipids or the production of free fatty acids resulting in the production of disagreeable flavours.						
<b>SENEGAL</b>	3.4 Rancid seeds	Page 4/ Lines 1 et 2	Te	Put the peroxide and free fatty acid index levels in parentheses in section 4.1.2 Specific criteria / Table 1 - Specific criteria for completing the list of requirements for peanuts as being important quality characteristics for the fate of peanuts	Add two lines for these two parameters as follows: <table border="1" data-bbox="1272 1008 1766 1243"> <tr> <td rowspan="2">Rancid seeds</td> <td>Peroxyd index (max)</td> <td>5meq/kg</td> </tr> <tr> <td>Free fatty acids (max)</td> <td>1.0 %</td> </tr> </table>	Rancid seeds	Peroxyd index (max)	5meq/kg	Free fatty acids (max)	1.0 %	
Rancid seeds	Peroxyd index (max)	5meq/kg									
	Free fatty acids (max)	1.0 %									
<b>NIGERIA</b>	<b>3.9</b>	Lines 1 to 2	Te	This is a requirement for the limit for discoloured pods, therefore should be moved to the clause on requirements. By ISO directives, the clause on definition should not contain requirements	Move the text "50% or more of the pod surface" to the clause on requirements.						
<b>BURKINA FASO</b>	<b>3.10</b>	Te		Add the frost damaged kernels as it may happen that ECOWAS countries import peanuts produced in countries where it freezes.	(a) those damaged by frost, the pulp becoming hard, translucent and abnormally colored						

<b>NIGERIA</b>	<b>3.11</b>	b	Te	This is a requirement for the , therefore should be moved to the clause on requirements. By ISO directives, the clause on definition should not contain requirements	Move the text “and covers more than 25% of the kernel” to the clause on requirement	
<b>NIGERIA</b>	<b>3.12</b>		TE/ED	For better understanding and meaning in the English language	Change” Split kernels have been split into halves” to read “Kernels <b>which</b> have been split into halves’.  Separate the definition in 3.12 into two different terms to read <b>3.12 Broken Kernel</b> kernels from which more than a quarter has been broken off  <b>3.13</b> split kernels Kernels which have been split into halves	
<b>MALI</b>	clause 4		Ed	The title is in English	Write ' ' <b>4 Essential composition and quality factors</b> »	
<b>CÔTE D'IVOIRE</b>	4		Ed	There is an error in the code indicated for this version of the standard	Indicate the code as (F) instead of E	
<b>SENEGAL</b>	<b>Essential Composition and Quality Factors</b>	Page 5	Ed	In the french version, tht title is not translated in french	Translate in french as follows: “4. Composition essentielle et facteurs de qualité”	
<b>NIGERIA</b>	<b>4.1.1</b>	Line 1  4.1.1 b		To give a better meaning and in line with ISO directives  To allow for uniformity in appearance  The words ‘Objectionable’ and “taste’ are better technical terms than abnormal and flavour respectively  Ground nut is an oil seed and rancidity as defined in clause 3.4 is an important	Delete “meet the following general requirements”  Include the sentence “uniform in appearance” as subclause 4.1.1 b  delete the word “abnormal” and replace it with “objectionable”, replace flavours with “taste,”, change mites to mites and include rancidity as a general requirement	

				parameter when checking for the quality of groundnut	Re write the whole clause 4.1.1 to Groundnuts shall be: (a) safe and suitable for processing for human consumption; (b) uniform in appearance (c) free from objectionable odours, taste, insects and mites				
<b>BURKINA FASO</b>	4.1.2 Table 1: "Grain defects": 1. Damaged Seeds			Add specification of grain damaged by frost	"Seeds damaged by frost, pulp becoming hard, translucent and abnormally colored": 1% m / m (max)				
	Table 1: "Grain defects": 2. Seeds with abnormal staining			The value of 3% represents the rate of all the grains showing an abnormal coloration	"Seeds presenting an abnormal coloration": 3%				
				In addition to seeds whose cotyledons have been altered in color, the following should be added: (b) seeds with an abnormal discolouration (dark brown, dark gray, dark blue or black) and covering more than 25% of seed	(b) abnormal coloration of the film, which is dark brown, dark gray, dark blue or black and covers more than 25% of the seed				
<b>CÔTE D'IVOIRE</b>	4.1.2 specific criteria		Te	To take into account the management of the product in our area	Consider integrating the idea of grade in the classification according to the specifications.  Three grades could be retained.	Côte d'Ivoire to make a proposal for this			
<b>GHANA</b>	4.1.2	Table 1	Te	Specific requirement for kernel defects pegs maximum limit for shrivelled kernels at 5%. The contribution of shrivelled and immature kernels to aflatoxin content is very significant based on research carried out in our laboratory	Maximum limit should be 2%	To be discussed at the THC1 meeting. Empirical data to be provided for this suggested limit.			
<b>SENEGAL</b>	4.1.2 Specific Requiremen	PAGE 6	Te	Add a moisture content for peanut grains destined for further processing to distinguish them from those intended for direct human consumption.	Insert a part for water content for groundnut intended for further processing as follows : <table border="1" data-bbox="1270 1523 1764 1575"> <tr> <td></td> <td></td> <td>Maximum</td> </tr> </table>			Maximum	Senegal
		Maximum							

	ts Table 1 — Specific Requirements			The water content set for peanut seeds (9% max) does not favor long storage for those intended for further processing because there is a risk of rot after a month	<table border="1"> <tr> <td></td> <td></td> <td>Limit</td> </tr> <tr> <td rowspan="3">Water content</td> <td>Groundnut in shell</td> <td>10%</td> </tr> <tr> <td>Seeds of peanuts</td> <td>9.0%</td> </tr> <tr> <td>Peanut seeds for further processing</td> <td>4-5%max</td> </tr> </table>			Limit	Water content	Groundnut in shell	10%	Seeds of peanuts	9.0%	Peanut seeds for further processing	4-5%max	
		Limit														
Water content	Groundnut in shell	10%														
	Seeds of peanuts	9.0%														
	Peanut seeds for further processing	4-5%max														
<b>GHANA</b>	5	Contaminants	Te	The Standard is silent on aflatoxins which is a major contaminant in groundnuts	Add maximum levels for aflatoxins in raw and processed products in accordance with limits specified by Codex											
<b>NIGERIA</b>	5.0			The production of ground nuts is constrained by <i>Aspergillus</i> species, which cause quantitative losses and produce highly toxic and carcinogenic chemical substances known as aflatoxins. Therefore there is need to set tolerance limits to guide the processors and exporters of groundnuts. Aflatoxin contamination is both a pre-harvest and postharvest problem This values is in line with the specification in CODEX STAN 193	Include 5.2.2 as a sub clause under clause 5 which should read “ <b>5.2.2 Aflatoxin</b> The Total Aflatoxin ((B1 + B2 + G1 + G2)) content of the Kernel shall not be more than 15µg/kg											
<b>SENEGAL</b>	5.Contaminants	Page 7	te	Add a point on the maximum aflatoxin limits Reference should be made to the Codex Standard on Toxins and Contaminants in Foods (Codex Stan 193 rev 2016)	Name the stitch as 5.3 Aflatoxin content and formulate it as follows: "Peanuts must be grown in accordance with the ECOWAS Code for the Prevention and Reduction of Aflatoxin Contamination in Groundnuts (ECOSTAND 031: 2016) and the aflatoxin levels should be respected in the following table:	<table border="1"> <tr> <td>Parameters</td> <td>Total Aflatoxins (g1+G2+B1+B2) (maximum limit)</td> </tr> </table>	Parameters	Total Aflatoxins (g1+G2+B1+B2) (maximum limit)								
Parameters	Total Aflatoxins (g1+G2+B1+B2) (maximum limit)															



					Groundnuts for a further processing	15 µg/kg		
							Insert ECOSTAND 031: 2016 in the list of normative references	
<b>BURKINA FASO</b>	5.1	Te		Add a point "5.2. Aflatoxins totals "; Since the Codex Alimentarius Commission has proposed a specification for total aflatoxins			5.3 Total Aflatoxins Groundnuts covered by the provisions of this standard shall comply with the maximum levels of total aflatoxins (AfB1 + AfB2 + AfG1 + AfG2) of the Codex General Standard for Contaminants and Toxins in Food and Feed (CODEX STAN 193-1995) (Rev. 2016)	
<b>BURKINA FASO</b>	5	Te		Delete "and shall conform to the maximum limits of the General Standard for Contaminants and Toxins in Food and Feed (CODEX STAN 193-1995)"			5.1 Heavy metals Groundnuts covered by the provisions of this standard shall be free of heavy metals in quantities likely to be hazardous to human health	
<b>NIGERIA</b>	7.1.1	Line 1		For consistency			Replace peanuts with Groundnut in the English version	
<b>NIGERIA</b>	7.1.2	Line 3		Most appropriate and for consistency			Replace flavour with taste	
<b>NIGERIA</b>	9			In line with ISO directives			Introduce clause 9 Criteria for Conformity	

1 **ORG/INS = Organisation or Institution or country**

2 **Type of comment: ge = general te = technical ed = editorial**

**NOTE** Columns 1, 2,3, 4, 5 are compulsory.

**3 USER GUIDE TO THE TEMPLATE FOR COMMENTS**

- Please indicate the clause/sub-clause to which your comment refers. If your comments refers to the whole document, please choose **General** in the column,
- Indicate the paragraph, figure, table or note to which your comment refer,
- Type of comment (This field is compulsory and must be filled in) choose the type most relevant for your comments, e.g. General, Technical or editorial



## ECOSHAM

### SECRETARIAT OF THE TECHNICAL HARMONISATION COMMITTEE 1 (THC1)

#### Collated comments and secretariat observations

Date: 9<sup>th</sup> February 2017

Document: D- ECOSTAND O72: 2017  
Code of Practice for Processing  
Cassava Products

1	2	(3)	4	5	(6)	(7)
ORG/INS <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note (e.g. Table 1)	Type of comment <sup>2</sup>	Comment (justification for change)	Proposed change	Secretariat observations on each comment submitted
CAPE VERDE	ALL DOCUMENT			carried out through General editorial corrections on the Portuguese version due to bad translation of the original copy		
NIGERIA	ALL DOCUMENT			No comments		
CÔTE D'IVOIRE	Ge			It is a standard on processing of cassava that is outside the field of THC 1	Reverse the standard to THC 2	By the Annexures 5 and 6 of the report of the meeting of ECOWAS Directors of National Standards Bodies (NSBs) on the regional harmonization of standards held on 17 – 19 December 2012, at Abuja, Nigeria, THC1 was assigned to work on Cassava. So the THC is on course see attached list of priority products

<b>BURKINA FASO</b>	Title		Te	The wording of the title of the document needs to be revisited because as we go through it, we realize that it is a code of practice for processing cassava.	Code of Practice for the Processing of Cassava	To be agreed at the THC1 meeting
<b>MALI</b>				No observations		
<b>TOGO</b>				No comments		
<b>SENEGAL</b>			Te	No section "Summary"	Add a summary in accordance to ECOWAS model harmonization (ECOSHAM)	
<b>SENEGAL</b>	All the document		GE	Non-harmonized police and font size	Font size and font to be harmonized according to ECOWAS format (Cambria Police and font size 12)	This font size and other formatting elements to be harmonised during the editorial and formatting stage.
<b>CAPE VERDE</b>	Throughout the Standard		Ge	There is a need to standardize: <ul style="list-style-type: none"> <li>• Terms such as roots and tubers that are used countless times</li> <li>• The production stages that are repeated in the different products derived from cassava.</li> </ul>	Use the term 'root' or use 'tuber'	Note - The term defined in 3.1 and 3.2 is 'root' and not 'tuber'.
<b>GHANA</b>	1	1	Ge	Line 3 there double full stop Line 4 colon	Delete one of the full stops Delete colon replace with full stop	Correction done
<b>BURKINA FASO</b>	2		Te	Cite the "Code of Practice for the Reduction of Hydrocyanic Acid (HCN) in Cassava and Cassava Products" in the normative references	((li) (CAC / RCP 73-2013) Code of Practice for the Reduction of Hydrocyanic Acid (HCN) in Cassava and Cassava Products	CAC / RCP 73-2013) is not cited in this draft code as a normative document

<b>BURKINA FASO</b>	All the diagrams of the production		Te	Replace "Transformation" with "Production"	4.2.1 Production and storage of cassava chips 4.3.1 Production and storage of gari 4.4.1 Production and storage of high-quality bread flour 4.5.1 Production and storage of ethanol	In the he English version, 'process' which is the most appropriate word was used. This error may be found in the French version and will be corrected during editorial stage
<b>CÔTE D'IVOIRE</b>	3.0		Ed	Terminology is not suitable	Write Definition	Corrected to 'Terms and Definitions' line with the ECOSHAM approved structure for Agricultural Product standards
<b>THE GAMBIA</b>	3.0 (3.17 & 3.18)		Te	Scientific names should be in italics	Used italics for scientific names	Corrected
<b>GHANA</b>	3.6	3.6	Ed	'shriveling'	Replace with Shrivelling	Corrected
<b>CÔTE D'IVOIRE</b>	3.8, 3.9, 3.13, 3.14		Te	It is not necessary to define all other parameters used in this standard.	Delete 3.8, 3.9, 3.13, 3.14	To be agreed at the THC1 meeting
<b>CÔTE D'IVOIRE</b>			Te	Define Ethanol		To be agreed at the THC1 meeting.(CÔTE D'IVOIRE to provide a proposal if agreed)
<b>GHANA</b>	3.9	3.9	Ed	'Cassava '	Replace" C"with small 'c'	Corrected
<b>GHANA</b>	3.11	3.11	Ge	...addition	...it unfit for <b>human</b> consumption	Corrected
<b>THE GAMBIA</b>	(3.11)		Ed	The definition for wholesome should include Add for human consumption	Add human consumption to the definition	Corrected
<b>GHANA</b>	3.16	3.16	Te	Delete gari	...grated dehydrated cassava roots (cake)	Ghana to clarify the proposal and the meeting to discuss and agree. <b>{Note the</b>

						definition of gari given in 3.17}
<b>GHANA</b>	3.17	3.17		Instead of tubers replace with roots		To be discussed
<b>CAPE VERDE</b>	3.18		Te	Instead of the term "for a few days" we believe it is necessary to specify a range of days or number of days of detoxification effects of cassava	"Detoxification is accomplished by immersing the tubers in water for xxxx days, before they are....."	To be discussed
<b>CÔTE D'IVOIRE</b>	4		Te	The list is not exhaustive	List the attiéké	To be discussed
<b>GHANA</b>	4.0	Bullet 3	Ed	Not garii	gari	corrected
<b>THE GAMBIA</b>	4.0		Te	Consistency for the spelling of Gari. In sub-clause 3.17 it is spelt Gari and clause 4.0 Garri	Maintain Gari for consistency	Corrected
<b>THE GAMBIA</b>	4.1.1.1		Te	In the content of the sentence, only fresh cassava was used	Fresh Sweet Cassava should be used	corrected
<b>CAPE VERDE</b>	4.1.1.5		Te	Instead of the term "a set temperature" it is necessary to specify a temperature range or the exact temperature at which the dryer	The wet chips are distributed in stainless steel trays in a tumble dryer at xxxxxx to remove moisture	
<b>THE GAMBIA</b>	4.1.2 (a)		Te	In addition to codex alimentarius standards we should add "or where applicable ECOWAS or ARSO standards" to the sentence	Add or where applicable ECOWAS or ARSO standards to the sentence	Corrected
	(c)		Te	Instead of using the word trained, qualified is more appropriate	Use the word "qualified" instead of "trained"	Both word mean the same (capable, skilled, fit, experienced, competent)
	(d)		Te	Include among the list, expiry date of the chemical	Add expiry date of the chemical	corrected
	(f)		Te	Also add the expiry date		
<b>GHANA</b>	4.1.2	4.1.2	Ed	Bullet f	Put full stop after use.	corrected
<b>THE GAMBIA</b>	4.1.3 (a)		Ed	Note that the word "of" should be "off" instead	Replace "of" with "off"	'of' is the most appropriate to use. So 'of' is retained

<b>GHANA</b>	4.1.4	4.1.4	Ed	Paragraph 4, line 3 & 4 Paragraph 5 line 2 & 3	...from the soil and contamination may result in root spoilage.  ...thrown or dropped s this....	Changing this will give an entirely different meaning. This sentence is saying that broken roots lead to <b>losses</b> and <b>contamination</b> . To be discussed  Ghana to clarify this
<b>GHANA</b>				Paragraph 6 line 1	...harvest with the digging...	corrected
<b>THE GAMBIA</b>	4.1.5 (d)		Ed	Should be “more than one week” instead of “more that one week”	Replace “that” with “than”	Corrected
<b>GHANA</b>	4.1.5	Bullet d Bullet e	Ed	Line 2 Line 2	... for more than one week should ... possible, minimum handling.	corrected
<b>THE GAMBIA</b>	4.2.1.2		Te	“to separate” is missing in the sentence	Add “to separate” to the sentence	To be discussed
<b>GHANA</b>	4.2	4.2.1.2	Ed		..wholesome cassava roots selected from immature roots and foreign materials.	Corrections done but to be discussed
<b>GHANA</b>		4.2.1.3	Te	Line 2	... remove soil.. (cassava is not grown only on sandy soils)	Ghana to clarify and to be discussed
<b>THE GAMBIA</b>	4.2.1.5		Ed	Note that the “s” is missing from the word chip in the sentence	Add “s” to chip to make plural (chips)	corrected
<b>THE GAMBIA</b>	4.2.1.7		Te	“Done” is missing in the sentence	The sentence should contain “the packaging and labelling shall be done”	
<b>GHANA</b>		4.2.1.7	Ed	Line 1	.... Shall be done in such a manner to safe guard ...	

<b>CAPE VERDE</b>	4.3.1			The gari processing flowchart is incomplete as it lacks the screening stage	Insert the screening stage in the flowchart	What is the difference between screening and Sieving/Sifting indicated in the flow chart Cape Verde to explain
<b>THE GAMBIA</b>	4.3.12		Te	“Done” is missing in the sentence	The sentence should contain “the packaging and labelling shall be done”	
<b>GHANA</b>		4.3.1.4	Ed	Line 2	Full stop after roots.	
<b>GHANA</b>		4.3.1.5	Ge	Line 2	... used polyethylene sacks.. (jute sacks are used for cassava processing)	To be discussed
<b>GHANA</b>		4.3.1.6	Te	Line 4	Change Garri to Gari	Done
<b>GHANA</b>		4.3.1.7	Ed	Line 1 Paragraph 3 line 1	Allow it to stand ... Change Garri to Gari	Done
<b>GHANA</b>		4.3.1.8	Te	Line 1 Lines 5 & 6	... remove as much water ... instead of moisture In cases where light sacks or over used sacks are to be reused,...	Corrected  To be discussed
<b>GHANA</b>		4.3.1.10	Te	Whole paragraph	Change all garri to gari	corrected
<b>GHANA</b>		4.3.12	Ge	Line 1	... shall be done in such ....	
<b>GHANA</b>		4.4.1.4	Ed	Line 4	... pieces of peel, soil and other dirt.	corrected
<b>THE GAMBIA</b>	4.4.15		Te	“are available” is missing from the sentence	Add “are available” to the sentence	Done
<b>GHANA</b>		4.4.1.6	Te	Line 1	Screw or hydraulic press...	Corrected
<b>GHANA</b>		4.4.1.10	Te	Line 1	... shall be done in such	Corrected

					....	
<b>BURKINA FASO</b>	<b>4.5.1</b>		Te	Insert in the production diagram, ' the product (ethanol)' after the distillation step		Done
<b>CÔTE D'IVOIRE</b>				Integrate a clause - 4.6 to take \accommodate the manufacturing process of the attiéké	See attached	To be discussed and agree. The text for the various steps in the processing of Attieke has to be provided
<b>THE GAMBIA</b>	4.5.1.2		Te	The statement is not very clear	Proposed sentence should read; The cassava root shall be sorted to obtain fresh mature ones without rot.	Done
<b>THE GAMBIA</b>	4.5.1.3		Ed	Peel in the sentence should be in the past tense	Peeled	Done
<b>THE GAMBIA</b>	4.5.1.4		Te	Only made mention of grating and no mention was made of grinding	Details should be provided for grinding as well	The sentence is correct as it means you could grate or grind to obtain a uniformly smooth mash.
<b>GHANA</b>		4.5.1.6	Ed	Line 3	...collected in a ...	
<b>GHANA</b>		4.5.1.7	Ge	Line 1	... shall be done in such ....	
<b>SENEGAL</b>	<b>4.5.1.7 Packaging and storage</b>	Page 16/line 2	Te	Delete "nutritional" because it does not make sense in the sentence because ethanol does not have nutritional qualities	Delete "nutritional" in the sentence	
<b>GHANA</b>		5.1	Ed	Line 1	...contaminate food	
<b>THE GAMBIA</b>	5.3		Te	"which" is missing from the sentence	The factory should be cleared ground from "which"	
<b>THE GAMBIA</b>	5.3.5		Ge	The sentence should not state the reasons	It should stop at cleanliness	



<b>SENEGAL</b>	5.3.6	Page 18/Line3	Ed	In the French version, reformulate “k”	Reformulate by “à”	Noted
<b>GHANA</b>		5.3	Ed	Line 1	... factory ground should cleaned from...	Done
<b>GHANA</b>		5.5	Ed	Line 1	... bring in raw and packaging materials ....	
<b>GHANA</b>		5.2.1.4	Ed	Line 2	... with no toxic effect and have no ....	Done
<b>THE GAMBIA</b>	7.1		Ed	The “s” in the sentence should be removed	Remove the “s”	
<b>GHANA</b>		7.1	Ed	Line 2	... should be ...	
<b>THE GAMBIA</b>	7.3		Te	<ul style="list-style-type: none"> <li>• Add a bullet point clearly indicating that food and non food items are not to be stored together</li> <li>• Also add a bullet point to show that : chemicals (lubricants, fuels, pesticides) should be properly marked and stored separately from raw materials and processed food</li> </ul>	Add the specific bullet points accordingly	<p>This is taken care of in paragraph 1, lines 1 and 2.</p> <p>This is a very important information which must be provided for the users of this Code of Practice.</p>

1 ORG/INS = Organisation or Institution or country

2 Type of comment:ge = general te = technical ed = editorial

NOTE Columns 1, 2,3, 4, 5 are compulsory.

4 USER GUIDE TO THE TEMPLATE FOR COMMENTS

- Please indicate the clause/sub-clause to which your comment refers. If your comments refers to the whole document, please choose **General** in the column,
- Indicate the paragraph, figure, table or note to which your comment refer,
- Type of comment (This field is compulsory and must be filled in) choose the type most relevant for your comments, e.g. General, Technical or editorial

**ANNEX TO THE MEETING OF ECOWAS DIRECTORS OF NATIONAL STANDARDS BODIES (NSBS) ON THE REGIONAL HARMONIZATION OF STANDARDS HELD ON 17 – 19 DECEMBER 2012, ABUJA, NIGERIA**

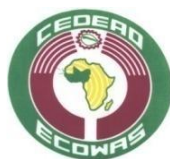
**ANNEX 5  
List of Technical Committees and their products**

<b>No</b>	<b>TC 1 Agricultural products</b>	<b>TC 2 Food products</b>	<b>TC 3 Chemicals</b>	<b>TC 4 Building and Construction Materials</b>	<b>TC 5 Electricity</b>
1	Rice	Enriched edible oils	Paints and varnishes	Cement	Electrical sockets, switches
2	Maize	Fresh fish	Toilet soaps / Soaps	Roofing - Ribbed sheets made from galvanized steel, either prelaquered or not	Cables
3	Potatoes	Frozen fish			
4	Onions	Tomato paste			
5	Fresh tomato	Sugar			
6	Cotton	Meat			
7	Mango	Smoked fish			
8	Cashew	Water			
9	Coffee	Fish (frozen fish fillets)			
10	Groundnut	Packaged natural mineral water			
11	<b><u>Cassava</u></b>	Palm oil and its fractions			
12		Mango (juice of)			
13		Shea butter			
14		Meat (meat based products)			
15		Fresh / raw milk			
16		Cashew nut			
17		Pineapple (juice of)			
18		Orange (juice of)			

**ANNEX 6**  
**Work Programme 2013 – 2015 of Technical**  
**Committees**

**TC 1 – Agricultural**  
**products**

Product	Title of the standard	Categories hierarchy (A, B, C D, E)	Sources of normative documents	Reference standards (published or under development)	Year		
					2013	2014	2015
Rice		B,D	Ghana, Benin		X		
Maize		B,D	Ghana, Benin		X		
Potatoes		B,D			X		
Onions		B,D	Ghana, Benin		X		
Fresh tomato		B,D	Ghana, Benin			X	
Cotton		B,D	Ghana, Benin			X	
Mango		B,D	Ghana, Benin			X	
Cashew		B,D	Ghana, Benin			X	
Coffee		B,D	Côte d'Ivoire				X
Groundnut		B,D	Benin				X
<b><u>Cassava</u></b>		B,D	Ghana, Benin				X



## ECOSHAM

### SECRETARIAT OF THE TECHNICAL HARMONISATION COMMITTEE 1 (THC1)

#### Collated comments and secretariat observations

Date: 9<sup>th</sup> February 2017

Document: D-ECOSTAND 031:2016

Code of Practice for the Prevention and Reduction of Aflatoxin Contamination in Groundnuts

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ORG/INS <sup>1</sup>	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph / Figure/Table/Note (e.g. Table 1)	Type of comment <sup>2</sup>	Comment (justification for change)	Proposed change	Secretariat observations on each comment submitted
CÔTE D'IVOIRE			GE	The formatting of the standard is not compliant	<p>For example, the references of the standards on each page do not appear</p> <p>Harmonize the title of the standard on pages 1 and 4</p> <p>The clauses for the normative references and definitions must be presented according to the rules of formatting of the ECOWAS harmonized standards</p>	
SENEGAL			TE	No section "Summary"	Add a summary in accordance to	

					ECOWAS model harmonization (ECOSHAM)	
<b>MALI</b>	The entire document		GE	The pages of the document are not numbered	Number all of the pages in the standard	
<b>MALI</b>	Chap1 and Chap 2		Ed	Put the two chapters in uppercase titles for uniformity with the other chapters	Write "1. FIELD of APPLICATION and 2. NORMATIVE REFERENCES.	
	Chap2 (normative REFERENCES		Ed	The Code of practice of the CODEX should be recalled	Remind <b>CAC/RCP 55-2004</b> Code of practice for the prevention and reduction of the contamination of peanuts with aflatoxin in the normative references	
<b>CÔTE D'IVOIRE</b>	4		Ed	There is an error in the code indicated for this version of the standard	Indicate the code as (F) instead of E	
<b>NIGERIA.</b>	4.17		te	Water of suitable quality.	Quality of water to be stated.	
	4.18		te	Recommended row and intra plant spacing.	This should be stated.	
	4.34		te	Allowable temperature range to be stated to prevent temperature fluctuation	Temperature range to be stated.	

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- b) Indicate the paragraph, figure, table or note to which your comment refer,
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