



United States Department of Agriculture  
FFAS-FSA-DACO-KCCO

**USDA COMMODITY REQUIREMENTS DOCUMENT (CRD)**  
**ALL PURPOSE WHEAT FLOUR/BREAD FLOUR (WFBF7)**  
**FOR USE IN**  
**INTERNATIONAL FOOD ASSISTANCE PROGRAMS**

Effective Date: June 28, 2016

# ALL PURPOSE WHEAT FLOUR/BREAD FLOUR (WFBF7)

## Table of Contents

<b>CONTACT INFORMATION</b> .....	2
<b>COMMODITY SPECIFICATIONS</b> .....	3
1.1 COMMODITIES .....	3
1.2 QUALITY ASSURANCE .....	5
1.3 QUALITY DISCOUNTS .....	6
<b>CONTAINER AND PACKAGING REQUIREMENTS</b> .....	6
2.1 CONTAINERS AND MATERIALS .....	6
2.2 50-KILOGRAM WOVEN POLYPROPYLENE BAGS .....	7
2.3 SEWING OF BAG SEAMS .....	7
<b>PERFORMANCE TEST PROCEDURES</b> .....	8
2.5 TEST FREQUENCY .....	9
<b>MARKING REQUIREMENTS</b> .....	9
3.1 MARKINGS .....	9
3.2 MARKING DESCRIPTIONS .....	10
3.3 EMPTY BAG DIMENSIONS .....	12
3.4 CONTAINERS WITH INCORRECT MARKINGS .....	12
<b>List of Abbreviations</b> .....	19

## **CONTACT INFORMATION**

**Kansas City Commodity Office**

**Telephone: 816-926-6707 (During Normal Business Hours)**

**Fax: 816-823-1640**

**USDA Website:**

<http://www.usda.gov/wps/portal/usda/usdahome>

**Mailing Address:**

UNITED STATES DEPARTMENT OF AGRICULTURE

Attention: KCCO/IPD

MAILSTOP 8738

2312 East Bannister Road

Kansas City, MO 64131-3011

**First Time User Assistance**

**Web-Based Supply Chain Management (WBSCM)**

**Helpdesk Level 1-Technical Issues**

Phone: 877-WBSCM-4U or 877-927-2648 (During Normal Business Hours)

[UG-MOKANSASC2-FSAWBSCMServiceRequest@kcc.usda.gov](mailto:UG-MOKANSASC2-FSAWBSCMServiceRequest@kcc.usda.gov)

**FSA Level 2 – Business Issues**

**Phone: 816-823-4249 (During Normal Business Hours)**

[FSAWBSCMServiceRequest@kcc.usda.gov](mailto:FSAWBSCMServiceRequest@kcc.usda.gov)

**Registered Users Only:**

Service Desk email address is [WBSCM.servicedesk@caci.com](mailto:WBSCM.servicedesk@caci.com).

On the Log-in prompt enter your email address for both the *User ID* and *Password* (all lower case for password) fields, and then change your password when prompted.

If you have any questions, please contact the WBSCM Service Desk at:

**Phone:** 877-WBSCM-4U or 877-927-2648 or **Email:** [WBSCM.servicedesk@caci.com](mailto:WBSCM.servicedesk@caci.com)

## COMMODITY SPECIFICATIONS

### 1.1 COMMODITIES

- A. Wheat shall be tested for Vomitoxin in accordance with procedures approved by Federal Grain Inspection Service (FGIS) and any wheat testing higher than two p.p.m. shall not be used in production of the commodity. The final product shall not contain more than 1 p.p.m. of Vomitoxin.
- B. Bread flour shall be milled from classes of hard red spring, hard red winter, or hard white wheat as defined in the “Official United States Standards for Grain,” which are available at: <https://www.gipsa.usda.gov/fgis/standards/810wheat.pdf>
- C. All Purpose Flour shall be milled from wheat of the classes hard red spring, hard red winter, or soft red winter or hard white or soft white wheat, or any combination thereof, as defined in the “[Official United States Standards for Grain.](#)”
- D. Wheat Flour shall be:
  - (1) All Purpose flour or bread flour
  - (2) Fortified in accordance with the table below with Vitamin A, Vitamins B1, B2, B3, B6, B9 (folic acid), B12, Vitamin D3, Iron and Zinc. The Vitamin A content shall be more than 1662 IU per pound and the iron content shall be more than 18.2 mg per pound of flour. The contractor will obtain a certificate of analysis from their micronutrient supplier that indicates the level and chemical form for each micronutrient in the premix.

Nutrient	Recommended Level mg/100g	Recommended Level mg/lb	Fortificant Form
Vitamin A	0.11 (366 IU)	0.50 (1662 IU)	Vitamin A Palmitate 250 (spray dried)
Vitamin B1 (thiamin)	0.4	1.82	Thiamin Mononitrate
Vitamin B2 (riboflavin)	0.4	1.82	Riboflavin
Vitamin B3 (niacin)	4	18.16	Niacinamide
Vitamin B6	0.4	1.82	Pyridoxine hydrochloride
Vitamin B9 (folic acid)	0.154	0.70	Folic Acid
Vitamin B12	0.011	0.05	Vitamin B12 0.1% (water soluble)
Vitamin D3	0.002	0.009	Vitamin D3 100,000 IU/g
Iron (EDTA)	4	18.2	NaFeEDTA
Zinc	2.4	10.9	Zinc Oxide

(3) Bleached

(4) Entoleted

(5) In conformance with the chemical and physical requirements set forth in the table below:

Item	All Purpose Flour		Bread Flour	
	Min.	Max. <sup>1</sup>	Min.	Max. <sup>1</sup>
Thiamin, mg/lb	<b>1.8</b>	---	<b>1.8</b>	---
Riboflavin, mg/lb	1.8	---	1.8	---
Niacin, mg/lb	<b>18.0</b>	---	<b>18.0</b>	---
<b>Vitamin B6</b>	<b>1.8</b>	---	<b>1.8</b>	---
Folic Acid, mg/lb	0.7	---	0.7	---
<b>Vitamin B12</b>	<b>0.05</b>	---	<b>0.05</b>	---
<b>Vitamin D3</b>	<b>0.009</b>	---	<b>0.009</b>	---
Iron, mg/lb	<b>18.2</b>	---	<b>18.2</b>	---
<b>Zinc</b>	<b>10.9</b>	---	<b>10.9</b>	---
Protein (NX5.7), % <sup>2</sup>	9.0	---	11.3	---
Moisture, %	---	14.0	---	14.0
<b>Ash<sup>2</sup></b>	---	<b>.53</b>	---	<b>.53</b>
<b>Vitamin A palmitate, mg/lb (IU/lb)<sup>3</sup></b>	<b>0.5 (1662 IU)</b>	---	<b>0.5 (1662 IU)</b>	---
Falling Number 2	175	350	200	300
<b>Vomitoxin</b>		<b>1 p.p.m.</b>		<b>1 p.p.m</b>

E. Stability Tests (Flavor and vitamin A stability)

- (1) When used for fortifying wheat flour at the target level of 1662 IU per pound of vitamin A (366 IU per 100 grams), the premix preparation containing all the micronutrients to be added shall contribute no off- flavoring or odor to the dry mix, or to the cooked products prepared from the fortified flour. Iron may be added only as Sodium Iron EDTA.
- (2) The Vitamin A shall have been tested by the vitamin manufacturer and premix manufacturer to assure stability of the vitamin A.

<sup>1</sup> The requirements of this section will be deemed to have been met if reasonable overages of the vitamins and minerals, within the limits of good manufacturing practice are present.

<sup>2</sup> These limiting values are on a 14.0 percent moisture basis.

<sup>3</sup> Vitamin A palmitate (stabilized) shall be added in encapsulated form containing 250,000 IU Vitamin A palmitate/g. Particle size shall comply with the requirement that at least 98 percent will pass through a U.S. Standard No. 50 sieve, at least 90 percent through a U.S. Standard No. 60 sieve and at least 45 percent through a U.S. Standard No. 100 sieve. The product shall be not less than 95 percent of the all-trans isomer as determined by the USP assay procedure. Flour shall not be sifted through a cloth after vitamin supplementation which would remove Vitamin A palmitate. The Vitamin A palmitate shall have storage stability such that not more than 20 percent of its original activity will be lost when stored for 21 days at 45° C in a sealed container **at a target level of 11,000 IU per pound in wheat flour** having a moisture content in the range of 13.5 to 14.5 percent.

The flour shall be fortified with the micronutrient premix preparation to be tested to the target level of 1662 IU per pound of vitamin A. The fortified flour will be stored in 8-ounce, round glass bottles approximately 2-1/4 inches by 5 inches tall provided with plastic screw caps having polyvinyl liners with pulp packing. Between 110 and 120 gm of fortified flour are placed in each bottle leaving about one inch head space, the lids are tightened, and the upper portion of the bottle and the complete lid are coated with paraffin by inverting and dipping in a bath of melted wax to prevent moisture loss.

- (3) Bottles are stored at 45° C for 21 days and assayed for Vitamin A, using a minimum sample size of 25 grams of each determination. Loss is determined by assaying in duplicated three bottles of flour before and after storage.
- (4) Analysis of concentrates and of original and stored blends will be carried out by the following method: Carr-Price Blue Color Method, Methods of Vitamin Assay, Association of Vitamin Chemists, Inc., and Interscience Publishers, Inc., New York (1951).
- (5) A given lot of Vitamin A does not require retesting unless its potency as determined by the USP XVII analytical procedure has fallen below the manufacturer's label claim for the product.

## 1.2 QUALITY ASSURANCE

- A. The contractor shall perform the product testing and quality analysis to ensure that the product meets the commodity specifications. The results shall be evidenced by a Certificate of Analysis (COA). Copies of the original COA must be submitted as part of the invoice package.
- B. As a minimum, the contractor will test each production lot for Vitamin A and Iron (as long as the COA from the micronutrient pre-blend supplier indicates the appropriate amount of each nutrient is present in the pre- blend); protein; moisture; falling number; and vomitoxin.
- C. The government reserves the right to perform verification testing for all requirements specified in 1.1.D. but will routinely test for only Vitamin A; Iron; protein; moisture; falling number; and vomitoxin. If quality discounts are provided in the contract, and the product to be delivered by the contractor falls within the quality discount table, those factors shall be identified by an asterisk on the copies of the COA.
- D. Contractors shall notify the Government immediately of lots that fail to meet contract requirements.
- E. Unless otherwise specified, test methods for the finished product, and any ingredients therein, shall be those of the AOAC INTERNATIONAL, the American Association of Cereal Chemists (AACC), or the American Oil Chemists' Society (AOCS), as applicable and in effect on the date of issuance of the solicitation, or in accordance with methods that give equivalent results.

**1.3 QUALITY DISCOUNTS**

If the product to be delivered by the contractor does not meet the quality specifications set forth herein, but falls within the discounts listed, the product may be delivered, but the purchase price will be reduced in accordance with the schedule of discounts listed in the table below for each 100 pounds of commodity delivered.

**All Purpose Wheat Flour**

<b>Deficient Protein</b>		<b>Excess Moisture</b>	
8.9% or 8.8%	\$0.10	14.1% or 14.2%	\$0.10
8.7% or 8.6%	\$0.20	14.3% or 14.4%	\$0.20
8.5%	\$0.35	14.5% or 14.6%	\$0.35
<b>Deficient Falling Number Range</b>		<b>Excess Falling Number Range</b>	
Off 1 thru 8 units	\$0.05	Off 1 thru 20 units	\$0.05
Off 9 thru 16 units	\$0.10	Off 21 thru 40 units	\$0.10
Off 17 thru 25 units	\$0.20	Off 41 thru 60 units	\$0.20

**Bread Flour**

<b>Deficient Protein</b>		<b>Excess Moisture</b>	
11.2% or 11.1%	\$0.10	14.1% or 14.2%	\$0.10
11.0% or 10.9%	\$0.20	14.3% or 14.4%	\$0.20
10.8%	\$0.35	14.5% or 14.6%	\$0.35
<b>Deficient Falling Number Range</b>		<b>Excess Falling Number Range</b>	
Off 1 thru 16 units	\$0.05	Off 1 thru 20 units	\$0.05
Off 17 thru 33 units	\$0.10	Off 21 thru 40 units	\$0.10
Off 34 thru 50 units	\$0.20	Off 41 thru 60 units	\$0.20

**PART 2 CONTAINER AND PACKAGING REQUIREMENTS**

**2.1 CONTAINERS AND MATERIALS**

- A. All containers and packaging shall be constructed to meet the requirements of the Food and Drug Administration (FDA) for safe contact with the packaged product. The contractor shall obtain and maintain documentation from the container or packaging material manufacturer to verify that the containers and packaging materials used in this contract were in compliance with the Government’s regulatory requirements for safe contact with food products as required in the Master Solicitation for Commodity Procurements (MSCP), Part 3, Section A, Number 3.
- B. Questions concerning the containers and materials should be directed to:  
 USDA/FSA/DACO  
 Room 5755 – South Bldg, STOP 0551  
 1400 Independence Avenue SW  
 Washington, DC 20250-0551 ATTN: Packaging
- C. If the contractor purchases packaging and container ingredients from a foreign country and/or the package and container is manufactured in a foreign country, the package and container SHALL NOT display country of origin labeling. Phrases similar to but not inclusive of, “Made in [Name of Foreign Country.]” or “Product of [Name of Foreign Country.]” are strictly prohibited.

D. In addition, all containers and packaging materials shall be constructed to comply with the sum concentration levels of lead, cadmium, mercury, and hexavalent chromium addressed by the Coalition of Northeast Governors (CONEG) model legislation. The sum of the concentration levels of lead, cadmium, mercury and/or hexavalent chromium present in any package or packaging component shall not exceed 100 parts per million. Concentration levels shall be determined using American Standard of Testing Materials test methods, as revised, or U.S. Environmental Protection Agency test methods for evaluating solid waste, S-W 846, as revised.

## 2.2 50-KILOGRAM WOVEN POLYPROPYLENE BAGS

Woven polypropylene fabric and circular-woven style bags

- A. The color of the fabric shall be white, unless otherwise specified. At the contractor's discretion, it may use fabric containing marker yarns as a means of identifying the manufacturer of the fabric.
- B. The polymer in the fabric shall be 100 percent virgin polypropylene with no recycled material. Rework product will be limited to excess material produced during the initial extrusion process and will be limited to the amount produced during normal continuous operation. A system to identify and document this process must be in place for review by the Government's audit personnel.
- C. The fabric in an unstressed state shall permit a minimum air flow of 3 cubic feet per minute per square foot and a maximum of 30 cubic feet per minute per square foot, when tested in accordance with ASTM Test Method D737, as amended.
- D. The fabric shall be finished by coating or other suitable method to prevent slippage. Individual test results shall be 28 degrees or greater, when tested in accordance with TAPPI Test Method T-503-OM-84. The fabric shall accept and retain printing ink that will not rub or flake off to a degree where legibility is impaired.
- E. The fabric shall be capable of resisting ultraviolet deterioration for a minimum of 200 hours of exposure in a weather meter, when tested in accordance with Test Method 5804-Federal Standard 191, as amended. The fabric shall retain 70 percent of its original minimum tensile strength in each direction, after 200 hours exposure, when tested in accordance with Test Method ASTM D 5034 (Grab Test), as amended.
- F. Bags may be flat tube or gusseted.
- G. Bags may be extrusion coated. Extrusion coated bags shall have the proper number, size and location of micro perforations to achieve the air permeability rate required for product stability and fumigation, as well as filling efficiency.

## 2.3 SEWING OF BAG SEAMS

- A. All bag seams shall be sewn in a manner which prevents the product from leaking through the seams during handling, storage, and distribution.
- B. The color of the sewing thread shall be natural or white. The tensile strength of the sewn seams shall not be less than the tensile strength of the fabric in the body of the bag.



- C. The top and bottom of the bag shall be heat cut or otherwise finished to prevent fraying or unraveling of the fabric during distribution. The bottom seam shall be constructed in accordance with Federal Standard 751a, SSn-1 Single Turnover, as amended. A minimum of 4 stitches per inch is required.

**2.4 PERFORMANCE TEST PROCEDURES**

- A. All bags shall be capable of withstanding the following performance test for impact resistance.
  - (1). Ten filled and sealed bags shall each survive a single drop test on the butt and side on a shock machine that produces for each test a velocity change of 195 inches per second using a shock duration of .002 seconds without loss of product.
  - (2). Testing shall be conducted under standard temperature (73.4 o F plus or minus 1.8 o F) and relative humidity (50% plus or minus 2%) conditions.
  - (3). Filled bags shall be placed in the conditioned atmosphere for sufficient time before the tests are conducted for the bag materials to come to equilibrium.
  - (4). Bags submitted under this performance specification shall conform to all other applicable material, construction, and performance specifications.

**B. Test Laboratories**

The contractor may use any independent or private laboratory that is capable of conducting the performance test for impact resistance described in Section 2.4. However, the Government is aware of only the following domestically located independent or private laboratories that have such capability:

Michigan State University School of Packaging East Lansing, MI 48824-1223 (517) 355-9580 <a href="http://packaging.msu.edu/">http://packaging.msu.edu/</a>	Lansmont Corporation 1287 Reamwood Sunnyvale, CA 94089 (408) 734-9724 Lansmont Corporation 6539 Westland Way, Suite 24 Lansing, MI 48917 (888) 526-7666
Rutgers University Packaging Science and Engineering Dept. P.O. Box 909 Piscataway, NJ 08854 (201) 932-3679	Ten-E Packaging Services, Inc. 1666 County Road 74 Newport, MN 55055 (651) 459-0671 <a href="http://www.ten-e.com">www.ten-e.com</a>

## 2.5 TEST FREQUENCY

- A. All testing specified shall be performed and documented.
- B. The air permeability and ultraviolet resistance tests shall, as a minimum, be performed annually and when a change in the formulation/design of the fabric is being made.
- C. The performance test for impact resistance shall be performed when a change in the formulation/design of the fabric is being made.
- D. The slide angle test shall, as a minimum, be performed in-house for every 10,000 lineal meters of fabric production. Testing performed in-house is not required to be performed under the specified temperature and humidity requirements. In addition, the slide angle test shall, as a minimum, be performed annually by an outside testing facility and when a change in the formulation/design of the fabric is being made. This testing shall be performed in accordance with all contract requirements, including the specified temperature and humidity.
- E. All supporting test and quality control documentation shall be retained and made available for review by the Government for a minimum of three years after final payment under the contract.

## MARKING REQUIREMENTS

### 3.1 MARKINGS

- A. The bag shall be marked in the color specified in the markings exhibits. Any markings not shown on the exhibits shall be printed in blue. When printed on the bag, the colors blue and red shall match the Pantone Matching System (PMS) chart numbers 294 and 200, respectively, to the extent practicable.
- B. All dimensions are approximate. Unless otherwise specified, all characters shall be in normal block print.
- C. The US Flag shall be 7 inches high and 12 3/4 inches in total width on the front and back of the applicable bag, see exhibits.
- D. The letters USA shall be Gill Sans or Gill Sans MT in bold with 70% scaling and -70 tracking or equivalent to match the style as shown in the exhibits. The letters USA shall be 6 1/2 inches high and 12 1/2 inches in total width. The three stripes adjacent USA shall be 1 1/4 inches high and printed as close to the edges of the bag as possible, not to exceed 1 1/2 inches from any edge.
- E. The USAID vertical identity, including the logo, brand name, and tagline, shall be printed in the same style as shown in the marking exhibits, sized approximately 7 1/2 inches high and 9 3/8 inches in total width. The USAID logo shall be 4 1/4 inches in diameter. The USAID brand name shall be 2 inches in height. The tagline "FROM THE AMERICAN PEOPLE" shall be 1/2 inch in height.
- F. The USAID vertical identity is available to download at <http://transition.usaid.gov/branding/downloadsprint.html>.
- G. The USDA logo shall be 5 1/2 inches high and 7 3/4 inches in total width, see exhibits.
- H. The commodity name shall be 1 1/2 inch print. Immediately below the commodity name on the front and back panels insert additional commodity description in 5/8 inch print, if applicable. See Exhibit A for appropriate commodity name/additional commodity description that shall be printed on each bag.

- I. The net weight, contract number and the statement "NOT TO BE SOLD OR EXCHANGED" shall be 3/4 inch print. The bag dimensions and Standard Marking Requirement (SMR) or Language Marking Requirement (LMR) number shall be 1/2 inch print. The contract number, net weight, and SMR or LMR number shall be at the bottom of the bag, centered. See exhibits.
- J. The symbol indicating "USE NO HOOKS" shall be 2 3/4 inches in height. See exhibits.
- K. The letters or symbols used in the language markings for LMR-1, LMR-3, LMR- 4, LMR-5, LMR-7, and LMR-8 should be sized approximately 1 5/8 inches, see exhibits. The language marking for LMR-2 and LMR-6 should be sized to fit as shown in the exhibits.
- L. Lot numbers, production codes or any other means of identification required to meet traceability requirements shall be as small as possible, yet legible.

### 3.2 MARKING DESCRIPTIONS

The Government shall furnish required markings within two business days after the date of the contract. The procurement of containers should be deferred for at least two business days after the date of the contract.

The following standard marking requirements may be requested under the contract:

#### Standard Marking Requirement #1 (SMR-1)

##### **USAID – Distribution**

Front: US Flag, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, "SMR- 1," and use no hooks symbol. See exhibit SMR-1, front.

Back: Identical to front. See exhibit SMR-1, back.

#### Standard Marking Requirement #2 (SMR-2)

##### **FAS - Distribution**

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, "SMR-2", and use no hooks symbol. See exhibit SMR-2, front.

Back: Identical. See exhibit SMR-2, back.

#### Standard Marking Requirement #3 (SMR-3)

##### **USAID – Monetization**

Front: US Flag, the commodity name, USAID logo, contract number, net weight, dimensions, "SMR-3," and use no hooks symbol. See exhibit SMR-3, front.

Back: Identical to front. See exhibit SMR-3, back.

#### Standard Marking Requirement #4 (SMR-4)

##### **FAS or USAID - Monetization**

Front: USA with stripes, the commodity name, contract number, net weight, dimensions, "SMR-4," and use no hooks symbol. See exhibit SMR-4, front. Back: Identical. See exhibit SMR-4, back.

Language Marking Requirement #1 (LMR-1)

**USAID – Distribution for North Korea**

Front: US Flag, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, and "LMR-1" and use no hooks symbol. See exhibit LMR-1, front.

Back: US Flag, the commodity name, North Korean language panel, and "LMR- 1" only. See exhibit LMR-1, back.

Language Marking Requirement #2 (LMR-2)

**USAID – Distribution for Afghanistan, with Pashtu and Dari**

Front: US Flag, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, and "LMR-2" and use no hooks symbol. See exhibit LMR-2, front.

Back: US Flag, the commodity name, Pashtu and Dari language panel, and "LMR-2" only. See exhibit LMR-2, back.

Language Marking Requirement #4 (LMR-4)

**USAID – Distribution for Iraq with Arabic**

Front: US Flag, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, and "LMR-4" and use no hooks symbol. See exhibit LMR-4, front.

Back: US Flag, the commodity name, Arabic language panel, and "LMR-4" only. See exhibit LMR-4, back.

Language Marking Requirement #5 (LMR-5)

**FAS – Distribution for North Korea**

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-5" and use no hooks symbol. See exhibit LMR-5, front.

Back: USA with stripes, the commodity name, North Korean language panel, and "LMR-5" only. See exhibit LMR-5, back.

Language Marking Requirement #6 (LMR-6)

**FAS – Distribution for Afghanistan, with Pashtu and Dari**

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-6" and use no hooks symbol. See exhibit LMR-6, front.

Back: USA with stripes, the commodity name, Pashtu and Dari language panel, and "LMR-6" only. See exhibit LMR-6, back.

Language Marking Requirement #7 (LMR-7)

**FAS – Distribution for South Africa Region** Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-7" and use no hooks symbol. See exhibit LMR-7, front.

Back: USA with stripes, the commodity name, English language panel, and "LMR-7" only. See exhibit LMR-7, back.

Language Marking Requirement #8 (LMR-8)

**FAS – Distribution for Iraq with Arabic**

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-8" and use no hooks symbol. See exhibit LMR-8, front

Back: USA with stripes, the commodity name, Arabic language panel, and "LMR-8" only. See exhibit LMR-8, back.

**3.3 EMPTY BAG DIMENSIONS**

- A. All bags shall be marked with the empty dimensions as follows:

Gusseted Bags	Face Width X Gusseted Width X Finished Length
Flat Tube Bags	Face Width X Finished Length

- B. The dimensions shall be printed at the bottom of the bag, centered, see exhibits.  
C. The finished size of the circular woven polypropylene bags will be determined by the contractor, unless otherwise specified by the contracting officer.

**3.4 CONTAINERS WITH INCORRECT MARKINGS**

- A. Any labels, bags, cans, can lids, cases, or any other type of packaging (hereinafter referred to as "containers") displaying incorrect markings may be used under a Government contract provided that the incorrect markings are obliterated and correct markings are applied in a permanent manner with approval of the contracting officer.
- B. The appearance of containers in commercial or other channels either filled or unfilled bearing markings identifying the containers as part of a Government contract may cause the Government expense in determining whether commodities have been diverted from authorized use and in answering inquiries. The contractor shall take all necessary action to prevent the appearance in commercial or other channels of containers and container materials bearing any markings required under a Government contract, including those held by the contractor or others; e.g., overruns, misprints, etc. The contractor shall ensure that any container from a Government contract that appears in commercial or other channels shall have all markings required under this contract permanently obliterated.

Exhibit A

A. List of Commodity Names Printed on 50 Kilogram Woven Polypropylene Bags

Commodity Requirements	Commodity Name	Commodity Requirements	Commodity Name
Bulgur / Soy- Fortified Bulgur (BWSF)	BULGUR	Dry Edible Beans (DEB)	BLACK BEANS
	SOY-FORTIFIED BULGUR		BLACK EYE BEANS
Buckwheat (BWP)	BUCKWHEAT GROATS		DARK RED KIDNEY BEANS
	BUCKWHEAT GRITS		LIGHT RED KIDNEY BEANS
	BUCKWHEAT FLOUR		GARBANZO BEANS
Bagged Grain (KCBG)	WHEAT HARD RED WINTER		GREAT NORTHERN BEANS
	WHEAT SOFT WHITE		PEA BEANS
	WHEAT HARD RED SPRING		PINK BEANS
	WHEAT NORTHERN SPRING		PINTO BEANS
	SORGHUM		SMALL RED BEANS
	YELLOW CORN		SMALL WHITE BEANS
	YELLOW CORN		
	YELLOW SOYBEANS		
Milled Rice (MR)	MILLED RICE LONG GRAIN		Peas and Lentils (PL)
	MILLED RICE MEDIUM GRAIN	SPLIT GREEN PEAS	
	MILLED RICE SHORT GRAIN	SPLIT YELLOW PEAS	
	MILLED RICE PARBOILED	SMOOTH GREEN DRY PEAS	
		SMOOTH YELLOW DRY PEAS	
Wheat Flour/ Bread Flour (WFBF)	FLOUR ALL PURPOSE		
	BREAD FLOUR		
50 KG Polypropylene Bags (KCPBAGS)	WHEAT		
	CORN		
	SORGHUM		
	SOYBEANS		
	SOYBEAN MEAL		



**COMMODITY NAME**  
**NOT TO BE SOLD OR EXCHANGED**



**USAID**  
FROM THE AMERICAN PEOPLE



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

SMR - I



**COMMODITY NAME**  
**NOT TO BE SOLD OR EXCHANGED**



**USAID**  
FROM THE AMERICAN PEOPLE



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

SMR - I



**COMMODITY NAME**



**USAID**  
FROM THE AMERICAN PEOPLE



CONTRACT ABCD01234

NET WEIGHT: 50 kg. | 110.23 lb.

23 x 39

SMR - 3



**COMMODITY NAME**



**USAID**  
FROM THE AMERICAN PEOPLE



CONTRACT ABCD01234

NET WEIGHT: 50 kg. | 110.23 lb.

23 x 39

SMR - 3





**COMMODITY NAME**  
**NOT TO BE SOLD OR EXCHANGED**



**USAID**  
FROM THE AMERICAN PEOPLE



CONTRACT ABCD01234

NETWEIGHT: 50 kg | 10.23 lb.

23 x 39

LMR - I



**COMMODITY NAME**



**USAID**  
미국 시민으로부터



LMR - I



**COMMODITY NAME**  
**NOT TO BE SOLD OR EXCHANGED**



**USAID**  
FROM THE AMERICAN PEOPLE



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

LMR - 2



**COMMODITY NAME**



**USAID**

از طرف مردم امریکا  
د امریکا دولس لخوا



LMR - 2



**COMMODITY NAME**  
**NOT TO BE SOLD OR EXCHANGED**



**USAID**  
FROM THE AMERICAN PEOPLE



CONTRACT ABCD01234

NETWEIGHT: 50 kg / 110.23 lb.

23 x 39

LMR - 4



**COMMODITY NAME**



**USAID**  
من الشعب الأمريكي



LMR - 4

## Attachment 1

### LIST OF ABBREVIATIONS

Below is an Abbreviations Key to the numerous specialized acronyms and abbreviations used in this reference material.

AACC	American Association of Cereal Chemists
AOAC	Association of Official Agricultural Chemists
AOCS	American Oil Chemists' Society
ASTM	American Society for Testing and Materials
CRD	Commodity Requirements Document
COA	Certificates of Analysis
CONEG	Coalition of Northeast Governors
DACO	Deputy Administrator for Commodity Operations
EDTA	Ethylenediaminetetraacetic Acid
FDA	Food and Drug Administration
FFAS	Farm and Foreign Agriculture Service
FGIS	Federal Grain Inspection Service
FSA	Farm Service Agency
GM	Grams
GMP	Good Manufacturing Practice
IPD	International Procurement Division
IU	International Unit
KCCO	Kansas City Commodity Office
LMR	Language Marking Requirement
MG	Milligrams
MSCP	Master Solicitation for Commodity Procurements
MT	Metric Ton
PMS	Pantone Matching System
PPB	Parts Per Billion
SMR	Standard Marking Requirement
TAPPI	Technical Association of the Pulp and Paper Industry
USAID	United States Agency for International Development
USDA	United States Department of Agriculture
USP	United States Pharmacopeia
WBSCM	Web-Based Supply Chain Management

This page intentionally left blank.