

NOTIFICATION OF MINISTRY OF COMMERCE

Subject: Annulment of Notification of Ministry of Commerce, Subject: Prescribing White Rice as a Standardised Commodity and Standards of White Rice B.E. 2555

B.E. 2559

Whereas it is expedient to annul Notification of Ministry of Commerce, Subject: Prescribing White rice as a standardised commodity and Standards of White rice B.E. 2555 to suit the economic condition and rice trade situation,

By virtue of the power in the provision under Article 4, first paragraph (1) and (2) of the Export Commodity Standards Act B.E. 2503 as amended by the Export Commodity Standards Act (second edition) B.E. 2522, the Minister of Commerce, with the advice of the Committee of Commodity Standards, hereby issues the notification as follows:

Clause 1 This notification is called “Notification of Ministry of Commerce, Subject: Annulment of Notification of Ministry of Commerce, Subject: Prescribing White rice as a standardised commodity B.E. 2555, B.E. 2559”.

Clause 2 This notification shall come into force after the lapse of 60 days as from the date of its publication in the Government Gazette.

Clause 3 To annul Notification of Ministry of Commerce, Subject: Prescribing White rice as a standardised commodity and Standards of White rice B.E. 2555, dated 18 December 2555.

Notified as on 30 September 2559

(Mrs. Apiradi Tantraporn)
Minister of Commerce

NOTIFICATION OF MINISTRY OF COMMERCE**Subject: Standards of Rice****B.E. 2559**

Whereas it is expedient to revise the Standards of Rice for the sake of appropriateness to the condition of rice production and trade situation,

By virtue of the power in the provision under Article 4, first paragraph (2) of the Export Commodity Standards Act B.E. 2503 as amended by the Export Commodity Standards Act (second edition) B.E. 2522, the Minister of Commerce, with the advice of the Committee of Commodity Standards, hereby issues the notification as follows:

Clause 1 This notification is called “Notification of Ministry of Commerce, Subject: Standards of Rice B.E. 2559”.

Clause 2 This notification shall come into force after the lapse of 60 days as from the date of its publication in the Government Gazette.

Clause 3 To annul Notification of Ministry of Commerce, Subject: Standards of Rice B.E. 2540 dated 31 March B.E. 2540.

Clause 4 To prescribe the standards of rice according to the details appended to this notification.

Notified as on 30 September 2559

(Mrs. Apiradi Tantraporn)
Minister of Commerce

STANDARDS OF RICE
Appended to Notification of Ministry of Commerce
Subject: Standards of Rice B.E. 2559

Section 1: Definitions

Clause 1 The meaning of the terminology in this Standards is as follows:

- (1) **Standards of Rice** means the minimum specifications for rice of each type and grade for domestic and international trade.
- (2) **Rice** means non-glutinous and glutinous rice (*Oryza sativa* L.) in whatever form.
- (3) **Paddy** means rice that is not yet dehusked.
- (4) **Cargo rice, Loonzain rice, Brown rice, Husked rice** means rice that is dehusked only.
- (5) **White rice** means rice that is obtained by removing bran from Cargo non-glutinous rice.
- (6) **White glutinous rice** means rice that is obtained by removing bran from Cargo glutinous rice.
- (7) **Parboiled rice** means non-glutinous rice that has passed through the parboiling process and has its bran removed.
- (8) **Rice classification** means rice kernels of various lengths as specified which are the mixture of rice kernels of each class in accordance with the specified proportion.
- (9) **Classes of rice kernels** means classes of rice kernels which are classified in accordance with the length of the whole kernel.
- (10) **Parts of rice kernels** means each part of the whole kernel that is divided lengthwise into 10 equal parts.
- (11) **Whole kernels** means rice kernels that are in whole condition without any broken part and including the kernels that have the length as from 9 parts onward.
- (12) **Head rice** means fragments whose lengths are more than those of broken but not reaching the length of the whole kernel. This includes split kernels that retain the area as from 80% of the whole kernel.
- (13) **Broken** means fragments that have the length as from 2.5 parts but not reaching the length of Head rice. This includes split kernels that retain the area less than 80% of the whole kernel.
- (14) **Small broken C1** means small fragments that pass through round hole metal sieve No.7.

(15) **Undermilled kernels** means milled rice kernels that have the milling degree below that specified for each grade of rice.

(16) **Red kernels** means rice kernels that have red bran covering the kernels wholly or partly.

(17) **Yellow kernels** means rice kernels that obviously turn yellow colour wholly or partly. In case of parboiled rice, Yellow kernels are kernels that are obviously dark yellow either partly or wholly.

(18) **Black kernels** means parboiled rice kernels that are black wholly including kernels that are dark brown wholly.

(19) **Partly black kernels** means parboiled rice kernels that have black or dark brown area on the kernels as from 2.5 parts onward but not reaching the whole kernels.

(20) **Peck kernels** means parboiled rice kernels that have obviously black or dark brown area on the kernels not reaching 2.5 parts.

(21) **Chalky kernels** means non-glutinous rice kernels that are opaque like chalk and have the area as from 50% onward of the area of the kernels.

(22) **Damaged kernels** means kernels that are obviously damaged as can be seen by the naked eyes due to moisture, heat, fungi, insects or other.

(23) **Undeveloped kernels** means kernels that do not develop normally as should be, and are flat.

(24) **Immature kernels** means rice kernels that are light green, obtained from immature paddy.

(25) **Other seeds** means seeds of other plants than rice kernels.

(26) **Foreign matter** means other matter than rice. This includes rice husk and bran detached from rice kernels.

(27) **Milling degree** means the degree to which the rice is milled.

(28) **Sieve No. 7** means round hole metal sieve that is 0.79 mm. (0.031 inch) thick and with hole diameter 1.75 mm. (0.069 inch).

(29) The unit “**per cent**” means percentage by weight except for per cent of grain classification which is percentage by quantity.

Section 2: Classes of rice kernels and Milling degree

Clause 2 Classes of rice kernels are divided into 4 classes as follows:

- (1) **Long grain Class 1** means whole kernel having the length exceeding 7.0 mm.
- (2) **Long grain Class 2** means whole kernel having the length exceeding 6.6 mm. upto 7.0 mm.
- (3) **Long grain Class 3** means whole kernel having the length exceeding 6.2 mm. upto 6.6 mm.
- (4) **Short grain** means whole kernel having the length not exceeding 6.2 mm.

Clause 3 Milling degree is divided into 4 degrees as follows:

- (1) **Extra well milled** means the removal of bran almost entirely to the extent that the rice kernel has an especially beautiful appearance.
- (2) **Well milled** means the removal of bran almost entirely to the extent that the rice kernel has a beautiful appearance.
- (3) **Reasonably well milled** is the removal of a large amount of bran to the extent that the rice kernel has a reasonably beautiful appearance.
- (4) **Ordinarily milled** means the removal of some portions of bran only.

Section 3: Types and Grades of rice

Clause 4 Types of rice are divided into 4 types as follows:

- (1) White rice
- (2) Cargo rice
- (3) White glutinous rice
- (4) Parboiled rice

Clause 5 Grades of White rice are divided into 12 grades as follows:

- (1) White rice 100% Grade A
- (2) White rice 100% Grade B
- (3) White rice 100% Grade C
- (4) White rice 5%
- (5) White rice 10%
- (6) White rice 15%
- (7) White rice 25% Super
- (8) White rice 25%
- (9) White rice 35%
- (10) White rice 45%
- (11) White broken rice A1 Extra Super
- (12) White broken rice A1 Super

Clause 6 Grades of Cargo rice are divided into 6 grades as follows:

- (1) Cargo rice 100% Grade A
- (2) Cargo rice 100% Grade B
- (3) Cargo rice 100% Grade C
- (4) Cargo rice 5%
- (5) Cargo rice 10%
- (6) Cargo rice 15%

Clause 7 Grades of White glutinous rice are divided into 3 grades as follows:

- (1) White glutinous rice 10%
- (2) White glutinous rice 25%
- (3) White glutinous broken rice A1

Clause 8 Grades of Parboiled rice are divided into 9 grades as follows:

- (1) Parboiled rice 100% Sorted
- (2) Parboiled rice 100%
- (3) Parboiled rice 5% Sorted
- (4) Parboiled rice 5%
- (5) Parboiled rice 10% Sorted
- (6) Parboiled rice 10%
- (7) Parboiled rice 15%
- (8) Parboiled rice 25%
- (9) Parboiled broken rice A1

Section 4: Standards of White Rice

Clause 9 The standards of White rice are specified as follows:

(1) White rice 100% Grade A

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 not less than 70%, the rest shall be Long grain Class 2.
- Of all these there may be Long grain Class 3 not exceeding 5.0%

Grain composition comprises:

- Whole kernels not less than 60.0 %
- Broken having the length as from 5.0 parts onward but not reaching 8.0 parts not exceeding 4.0 %. Of this there may be broken having the length not reaching 5.0 parts and not passing through Sieve No. 7 not exceeding 0.1%, and Small white broken C1 not exceeding 0.1%
- The rest shall be Head rice having the length as from 8.0 parts onward.

Rice and matters that may be present:

- Red and or Undermilled kernels not exceeding 0.5%
- Yellow kernels not exceeding 0.1%
- Chalky kernels not exceeding 3.0 %
- Damaged kernels not exceeding 0.2%
- Glutinous rice not exceeding 1.5 %
- Paddy not exceeding 3 grains per 1 kg. of rice
- Undeveloped, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.1%

Milling degree: Extra well milled

(2) White rice 100% Grade B

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 not less than 40.0 %, the rest shall be Long grain Class 2 and or Class 3.
- Of all these there may be Short grain not exceeding 5.0 %

Grain composition comprises:

- Whole kernels not less than 60.0 %
- Broken having the length as from 5.0 parts onward but not reaching 8.0 parts not exceeding 4.5%. Of this there may be broken having the length not reaching 5.0 parts and not passing through Sieve No. 7 not exceeding 0.5 %, and Small white broken C1 not exceeding 0.1%

- The rest shall be Head rice having the length as from 8.0 parts onward.

Rice and matters that may be present:

- Red and or Undermilled kernels not exceeding 0.5%
- Yellow kernels not exceeding 0.2 %
- Chalky kernels not exceeding 6.0 %
- Damaged kernels not exceeding 0.25 %
- Glutinous rice not exceeding 1.5 %
- Paddy not exceeding 5 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.2 %

Milling degree: Extra well milled

(3) White rice 100 Grade C

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 not less than 30.0%, the rest shall be Long grain Class 2 and or Class 3.
- Of all these there may be Short grain not exceeding 5%

Grain composition comprises:

- Whole kernels not less than 60.0%
- Broken having the length as from 5.0 parts onward but not reaching 8.0 parts not exceeding 5.0%. Of this there may be broken having the length not reaching 5.0 parts and not passing through Sieve No. 7 not exceeding 0.5%, and Small white broken C1 not exceeding 0.1%
- The rest shall be Head rice having the length as from 8.0 parts onward.

Rice and matters that may be present:

- Red and or Undermilled kernels not exceeding 0.5%
- Yellow kernels not exceeding 0.2%
- Chalky kernels not exceeding 6.0%
- Damaged kernels not exceeding 0.25%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 5 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.2%

Milling degree: Extra well milled

(4) White rice 5%

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 not less than 20.0%, the rest shall be Long grain Class 2 and or Class 3.
- Of all these there may be Short grain not exceeding 10.0%

Grain composition comprises:

- Whole kernels not less than 60.0%
- Broken having the length as from 3.5 parts onward but not reaching 7.5 parts not exceeding 7.0%. Of this there may be broken having the length not reaching 3.5 parts and not passing through Sieve No. 7 not exceeding 0.5%, and Small white broken C1 not exceeding 0.1%
- The rest shall be Head rice having the length as from 7.5 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 2.0%
- Yellow kernels not exceeding 0.5%
- Chalky kernels not exceeding 6.0%
- Damaged kernels not exceeding 0.25%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 8 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.3%

Milling degree: Well milled

(5) White rice 10%

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 not less than 10.0%, the rest shall be Long grain Class 2 and or Class 3.
- Of all these there may be Short grain not exceeding 15.0%

Grain composition comprises:

- Whole kernels not less than 55.0%
- Broken having the length as from 3.5 parts onward but not reaching 7.0 parts not exceeding 12.0%. Of this there may be broken having the length not reaching 3.5 parts and not passing through Sieve No.7 not exceeding 0.7%, and Small white broken C1 not exceeding 0.3%
- The rest shall be Head rice having the length as from 7.0 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 2.0%
- Yellow kernels not exceeding 1.0%
- Chalky kernels not exceeding 7.0%
- Damaged kernels not exceeding 0.5%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 13 grains per 1 kg. of rice

- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.4%

Milling degree: Well milled

(6) White rice 15%

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 not less than 5.0%, the rest shall be Long grain Class 2 and or Class 3.
- Of all these there may be Short grain not exceeding 30.0%

Grain composition comprises:

- Whole kernels not less than 55.0%
- Broken having the length as from 3.0 parts onward but not reaching 6.5 parts not exceeding 17.0%. Of this there may be broken having the length not reaching 3.0 parts and not passing through Sieve No. 7 not exceeding 2.0%, and Small white broken C1 not exceeding 0.5%
- The rest shall be Head rice having the length as from 6.5 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 5.0%
- Yellow kernels not exceeding 1.0%
- Chalky kernels not exceeding 7.0%
- Damaged kernels not exceeding 1.0%
- Glutinous rice not exceeding 2.0%
- Paddy not exceeding 13 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.4%

Milling degree: Reasonably well milled

(7) White rice 25% Super

shall have Grain Classification, Grain Composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1, Class 2 and Class 3 either singly or combined.
- Of all these there may be Short grain not exceeding 50.0%

Grain composition comprises:

- Whole kernels not less than 40.0%
- Broken having the length not reaching 5.0 parts and not passing through sieve No. 7 not exceeding 28.0%. Of this there may be Small white broken C1 not exceeding 1.0%
- The rest shall be Head rice having the length as from 5.0 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 5.0%
- Yellow kernels not exceeding 1.0%
- Chalky kernels not exceeding 7.0%
- Damaged kernels not exceeding 1.0%
- Glutinous rice not exceeding 2.0%
- Paddy not exceeding 15 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 1.0%

Milling degree: Reasonably well milled**(8) White rice 25%**

shall have Grain Classification, Grain Composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1, Class 2 and Class 3 either singly or combined.
- Of all these there may be Short grain not exceeding 50.0%

Grain composition comprises:

- Whole kernels not less than 40.0%
- Broken having the length not reaching 5.0 parts and not passing through Sieve No. 7 not exceeding 28.0%. Of this there may be Small white broken C1 not exceeding 2.0%
- The rest shall be Head rice having the length as from 5.0 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 7.0%
- Yellow kernels not exceeding 1.0%
- Chalky kernels not exceeding 8.0%
- Damaged kernels not exceeding 2.0%
- Glutinous rice not exceeding 2.0%
- Paddy not exceeding 20 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 2.0%

Milling degree: Ordinarily milled but not better than Reasonably well milled**(9) White rice 35%**

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1, Class 2 and Class 3 either singly or combined.
- Of all these there may be Short grain not exceeding 50.0%

Grain composition comprises:

- Whole kernels not less than 32.0%
- Broken having the length not reaching 5.0 parts and not passing through Sieve No. 7 not exceeding 40.0%. Of this there may be Small white broken C1 not exceeding 2.0%
- The rest shall be Head rice having the length as from 5.0 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 7.0%
- Yellow kernels not exceeding 1.0%
- Chalky kernels not exceeding 10.0%
- Damaged kernels not exceeding 2.0%
- Glutinous rice not exceeding 2.0%
- Paddy not exceeding 20 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 2.0%

Milling degree: Ordinarily milled but not better than Reasonably well milled

(10) White rice 45%

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1, Class 2 and Class 3 either singly or combined.
- Of all these there may be Short grain not exceeding 50.0%

Grain composition comprises :

- Whole kernels not less than 28.0%
- Broken having the length not reaching 5.0 parts and not passing through Sieve No. 7 not exceeding 50.0%. Of this there may be Small white broken C1 not exceeding 3.0%
- The rest shall be Head rice having the length as from 5.0 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 7.0%
- Yellow kernels not exceeding 1.0%
- Chalky kernels not exceeding 10.0%
- Damaged kernels not exceeding 2.0%
- Glutinous rice not exceeding 2.0%
- Paddy not exceeding 20 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 2.0%

Milling degree: Ordinarily milled but not better than Reasonably well milled

(11) White broken rice A1 Extra Super

is obtained from the milling of White rice 100% and shall have Grain composition as follows:

Grain composition comprises :

- Broken having the length not reaching 5.0 parts and not passing through Sieve No. 7 not exceeding 10.0%
- The rest shall be broken having the length as from 5.0 parts onward.
- Of all these there may be Whole kernels not exceeding 15.0%, and Small white broken C1 not exceeding 1.0%

Rice and matters that may be present:

- Glutinous rice not exceeding 1.5%, of this there may be Small glutinous broken C1 not exceeding 0.5%
- Foreign matter not exceeding 0.5%

(12) White broken rice A1 Super

is obtained from the milling of White rice 100%, White rice 5% and White rice 10%, and shall have Grain composition as follows:

Grain composition comprises :

- Broken having the length not reaching 6.5 parts and not passing through sieve No.7 for the entire quantity. Of this there may be broken having the length as from 6.5 parts onward and Whole kernels combined not exceeding 15.0%, and Small white broken C1 not exceeding 5.0%

Rice and matters that may be present:

- White glutinous rice not exceeding 1.5%, of this there may be Small glutinous broken C1 not exceeding 0.5%
- Foreign matter not exceeding 0.5%

Section 5: Standards for Cargo Rice

Clause 10 The standards for Cargo rice are specified as follows:

(1) Cargo rice 100% Grade A

shall have Grain classification and Grain composition as follows:

Grain classification comprises:

- Long grain Class 1 not less than 70%, the rest shall be Long grain Class 2 and or Class 3.
- Of all these there may be Short grain not exceeding 5.0%

Grain composition comprises:

- Whole kernels not less than 80.0%
- Broken having the length as from 5.0 parts onward but not reaching 8.0 parts not exceeding 4.0%
- The rest shall be Head rice having the length as from 8.0 parts onward.

Rice and matters that may be present:

- Red kernels not exceeding 1.0%
- Yellow kernels not exceeding 0.5%
- Chalky kernels not exceeding 3.0%
- Damaged kernels not exceeding 0.5%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 0.5%
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 3.0%

(2) Cargo rice 100 % Grade B

shall have Grain classification and Grain composition as follows:

Grain classification comprises:

- Long grain Class 1 not less than 55.0%, the rest shall be Long grain Class 2 and or Class 3.
- Of all these there may be Short grain not exceeding 6.0%

Grain composition comprises:

- Whole kernels not less than 80.0%
- Broken having the length as from 5.0 parts onward but not reaching 8.0 parts not exceeding 4.5%
- The rest shall be Head rice having the length as from 8.0 parts onward.

Rice and matters that may be present:

- Red kernels not exceeding 1.5%
- Yellow kernels not exceeding 0.75%
- Chalky kernels not exceeding 6.0%
- Damaged kernels not exceeding 0.75%

- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 1.0%
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 5.0 %

(3) Cargo Rice 100% Grade C

shall have Grain classification and Grain composition as follows:

Grain classification comprises:

- Long grain Class 1 not less than 40.0%, the rest shall be Long grain Class 2 and or Class 3.
- Of all these there may be Short grain not exceeding 7.0%

Grain composition comprises :

- Whole kernels not less than 80.0%
- Broken having the length as from 5.0 parts onward but not reaching 8.0 parts not exceeding 5.0%
- The rest shall be Head rice having the length as from 8.0 parts onward.

Rice and matters that may be present:

- Red kernels not exceeding 2.0%
- Yellow kernels not exceeding 0.75%
- Chalky kernels not exceeding 6.0%
- Damaged kernels not exceeding 0.75%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 1.0%
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 5.0%

(4) Cargo rice 5%

shall have Grain classification and Grain composition as follows:

Grain classification comprises:

- Long grain Class 1 not less than 30.0%, the rest shall be Long grain Class 2 and/or Class 3.
- Of all these there may be Short grains not exceeding 10.0%

Grain composition comprises:

- Whole kernels not less than 75.0%
- Broken having the length as from 3.5 parts onward but not reaching 7.5 parts not exceeding 7.0%
- The rest shall be Head rice having the length as from 7.5 parts onward.

Rice and matters that may be present:

- Red kernels not exceeding 2.0%
- Yellow kernels not exceeding 1.0%
- Chalky kernels not exceeding 6.0%

- Damaged kernels not exceeding 1.0%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 1.0%
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 6.0%

(5) **Cargo rice 10%**

shall have Grain classification and Grain composition as follows:

Grain classification comprises:

- Long grain Class 1 not less than 20.0%, the rest shall be Long grain Class 2 and or Class 3.
- Of all these there may be Short grain not exceeding 15.0%

Grain composition comprises:

- Whole kernels not less than 70.0%
- Broken having the length as from 3.5 parts onward but not reaching 7.0 parts not exceeding 12.0%
- The rest shall be Head rice having the length as from 7.0 parts onward.

Rice and matter that may be present:

- Red kernels not exceeding 2.0%
- Yellow kernels not exceeding 1.0%
- Chalky kernels not exceeding 7.0%
- Damaged kernels not exceeding 1.0%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 2.0%
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 7.0%

(6) **Cargo rice 15%**

shall have Grain classification and Grain composition as follows:

Grain classification comprises:

- Long grain Class 1 not less than 10.0%, the rest shall be Long grain Class 2 and or Class 3.
- Of all these there may be Short grain not exceeding 35.0%

Grain composition comprises:

- Whole kernels not less than 65.0%
- Broken having the length as from 3.0 parts onward but not reaching 6.5 parts not exceeding 17.0%
- The rest shall be Head rice having the length as from 6.5 parts onward.

Rice and matter that may be present:

- Red kernels not exceeding 5.0%

- Yellow kernels not exceeding 1.0%
- Chalky kernels not exceeding 7.0%
- Damaged kernels not exceeding 1.5%
- Glutinous rice not exceeding 2.5%
- Paddy not exceeding 2.0%
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 8.0%

Section 6: Standards for White Glutinous Rice

Clause 11 The standards for White glutinous rice are specified as follows:

- (1) **White glutinous rice 10%**
shall have Grain composition and Milling degree as follows:

Grain composition comprises:

- Whole kernels not less than 55.0%
- Broken having the length as from 3.5 parts onward but not reaching 7.0 parts not exceeding 12.0%. Of this there may be broken having the length not reaching 3.5 parts and not passing through Sieve no. 7 not exceeding 0.7%, and Small white glutinous broken C1 not exceeding 0.3%
- The rest shall be Head rice having the length as from 7.0 parts onward.

Rice and matter that may be present:

- White rice (not including Glutinous rice not yet transformed) not exceeding 15.0%
- Red kernels and or Undermilled kernels not exceeding 2.0%
- Yellow kernels not exceeding 1.5%
- Damaged kernels not exceeding 0.5%
- Paddy not exceeding 10 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.5%

Milling degree: Well milled

- (2) **White glutinous rice 25%**
shall have Grain composition and Milling degree as follows:

Grain composition comprises:

- Whole kernels not less than 40.0%
- Broken having the length not reaching 5.0 parts and not passing through Sieve No. 7 not exceeding 28.0%. Of this there may be Small white glutinous broken C1 not exceeding 2.0%
- The rest shall be Head rice having the length as from 5.0 parts onward.

Rice and matter that may be present:

- White rice (not including Glutinous rice not yet transformed) not exceeding 15.0%
- Red kernels and or Undermilled kernels not exceeding 6.0%
- Yellow kernels not exceeding 4.0%
- Damaged kernels not exceeding 2.0%
- Paddy not exceeding 20 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 3.0%

Milling degree: Ordinarily milled

(3) White glutinous broken rice A1

is obtained from the milling of White glutinous rice 10% and White glutinous rice 25%, and shall have Grain composition as follows:

Grain composition comprises:

- Brokens having the length not reaching 6.5 parts and not passing through Sieve No. 7 for the entire quantity. Of this there may be brokens having the length as from 6.5 parts onward and Whole kernels combined not exceeding 15.0%, and Small white glutinous brokens C1 not exceeding 5.0%

Rice and matter that may be present:

- White rice not exceeding 15.0%, of this there may be Small white brokens C1 not exceeding 5.0%
- Foreign matter not exceeding 0.5%

Section 7: Standards for Parboiled Rice

Clause 12 The standards for Parboiled rice are specified as follows:

(1) Parboiled rice 100% Sorted

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 and Class 2 combined not less than 60.0%, the rest shall be Long grain Class 3.
- Of all these there may be Short grain not exceeding 10.0%

Grain composition comprises:

- Whole kernels not less than 80.0%
- Broken having the length as from 5.0 parts onward but not reaching 8.0 parts not exceeding 4.0%. Of this there may be broken having the length not reaching 5.0 parts and not passing through sieve No. 7 not exceeding 0.5%, and Small parboiled broken C1 not exceeding 0.1%
- The rest shall be Head rice having the length as from 8.0 parts onward.

Rice and matter that may be present:

- Red kernels and or Undermilled kernels not exceeding 0.5%
- Yellow kernels not exceeding 0.25%
- Black kernels not exceeding 0.1%
- Partly black kernels and Peck kernels combined not exceeding 1.5%, of which Partly black kernels shall not exceed 0.5%
- Damaged kernels not exceeding 1.0%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 3 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.2%

Milling degree: Extra well milled

(2) Parboiled rice 100%

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 and Class 2 combined not less than 60.0%, the rest shall be Long grain Class 3.
- Of all these there may be Short grain not exceeding 10.0%

Grain composition comprises:

- Whole kernels not less than 80.0%
- Broken having the length as from 5.0 parts onward but not reaching

- 8.0 parts not exceeding 4.0%. Of this there may be brokens having the length not reaching 5.0 parts and not passing through sieve No. 7 not exceeding 0.5%, and Small parboiled brokens C1 not exceeding 0.1%
- The rest shall be Head rice having the length as from 8.0 parts onwards.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 0.5%
- Yellow kernels not exceeding 0.5%
- Black kernels not exceeding 0.25%
- Partly black kernels and Peck kernels combined not exceeding 2.5%, of which Partly black kernels shall not exceed 1.0%
- Damaged kernels not exceeding 1.0%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 5 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.2%

Milling degree: Extra well milled

(3) Parboiled rice 5% Sorted

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 and Class 2 combined not less than 45.0%, the rest shall be Long grain Class 3.
- Of all these there may be Short grain not exceeding 20.0%

Grain composition comprises:

- Whole kernels not less than 80.0%
- Brokens having the length as from 3.5 parts onward but not reaching 7.5 parts not exceeding 7.0% Of this there may be brokens having the length not reaching 3.5 parts and not passing through sieve No. 7 not exceeding 0.5%, and Small parboiled brokens C1 not exceeding 0.1%
- The rest shall be Head rice having the length as from 7.5 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 1.0%
- Yellow kernels not exceeding 0.5%
- Black kernels not exceeding 0.15%
- Partly black kernels and Peck kernels combined not exceeding 2.0%, of which Partly black kernels shall not exceed 0.75%
- Damaged kernels not exceeding 1.0%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 5 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.2%

Milling degree: Well milled

- (4) **Parboiled rice 5%,**
shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 and Class 2 combined not less than 45.0%, the rest shall be Long grain Class 3.
- Of all these there may be Short grain not exceeding 20.0%

Grain composition comprises:

- Whole kernels not less than 80.0%
- Broken having the length as from 3.5 parts onward but not reaching 7.5 parts not exceeding 7.0%. Of this there may be broken having the length not reaching 3.5 parts and not passing through sieve No. 7 not exceeding 0.5%, and Small parboiled broken C1 not exceeding 0.1%
- The rest shall be Head rice having the length as from 7.5 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 1.0%
- Yellow kernels not exceeding 1.0%
- Black kernels not exceeding 0.25%
- Partly black kernels and Peck kernels combined not exceeding 3.0%, of which Partly black kernels shall not exceed 1.5%
- Damaged kernels not exceeding 1.0%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 10 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.2%

Milling degree: Well milled

- (5) **Parboiled rice 10% Sorted**
shall have Grain Classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 and Class 2 combined not less than 30.0%, the rest shall be Long grain Class 3.
- Of all these there may be Short grain not exceeding 20.0%

Grain composition comprises:

- Whole kernels not less than 75.0%
- Broken having the length as from 3.5 parts onward but not reaching 7.0 parts not exceeding 12.0%. Of this there may be broken having the length not reaching 3.5 parts and not passing through sieve No. 7 not exceeding 0.7%, and Small parboiled broken C1 not exceeding 0.3%
- The rest shall be Head rice having the length as from 7.0 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 2.0%
- Yellow kernels not exceeding 0.75%
- Black kernels not exceeding 0.2%
- Partly black kernels and Peck kernels combined not exceeding 2.5%, of which Partly black kernels shall not exceed 1.0%
- Damaged kernels not exceeding 1.5%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 5 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.4%

Milling degree: Well milled**(6) Parboiled rice 10%**

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 and Class 2 combined not less than 30.0%, the rest shall be Long grain Class 3.
- Of all these there may be Short grain not exceeding 20.0%

Grain composition comprises:

- Whole kernels not less than 75.0%
- Broken having the length as from 3.5 parts onward but not reaching 7.0 parts not exceeding 12.0%. Of this there may be broken having the length not reaching 3.5 parts and not passing through sieve No. 7 not exceeding 0.7%, and Small parboiled broken C1 not exceeding 0.3%
- The rest shall be Head rice having the length as from 7.0 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 2.0%
- Yellow kernels not exceeding 1.5%
- Black kernels not exceeding 0.25%
- Partly black kernels and Peck kernels combined not exceeding 3.5%, of which Partly black kernels shall not exceed 2.0%
- Damaged kernels not exceeding 1.5%
- Glutinous rice not exceeding 1.5%
- Paddy not exceeding 10 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.4%

Milling degree: Well milled

(7) Parboiled rice 15%

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises :

- Long grain Class 1 and Class 2 combined not exceeding 25.0%, the rest shall be Long grain Class 3.
- Of all these there may be Short grain not exceeding 30.0%

Grain composition comprises:

- Whole kernels not less than 70.0%
- Broken having the length as from 3.0 parts onward but not reaching 6.5 parts not exceeding 18.0%. Of this there may be broken having the length not reaching 3.0 parts and not passing through sieve No. 7 not exceeding 1.0%, and Small parboiled broken C1 not exceeding 1.0%
- The rest shall be Head rice having the length as from 6.5 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 5.0%
- Yellow kernels not exceeding 2.0%
- Black kernels not exceeding 0.5%
- Partly black kernels and Peck kernels combined not exceeding 4.0%, of which Partly black kernels shall not exceed 2.5%
- Damaged kernels not exceeding 1.5%
- Glutinous rice not exceeding 2.5%
- Paddy not exceeding 10 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 0.7%

Milling degree: Reasonably well milled**(8) Parboiled rice 25%**

shall have Grain classification, Grain composition and Milling degree as follows:

Grain classification comprises:

- Long grain Class 1 and Class 2 combined not less than 20.0%, the rest shall be Long grain Class 3.
- Of all these there may be Short grain not exceeding 30.0%

Grain composition comprises:

- Whole kernels not less than 60.0%
- Broken having the length not reaching 5.0 parts and not passing through sieve No.7 not exceeding 28.0%. Of this there may be Small parboiled broken C1 not exceeding 2.0%
- The rest shall be Head rice having the length as from 5.0 parts onward.

Rice and matters that may be present:

- Red kernels and or Undermilled kernels not exceeding 7.0%
- Yellow kernels not exceeding 3.0%
- Black kernels not exceeding 0.75%
- Partly black kernels and Peck kernels combined not exceeding 4.5%, of which Partly black kernels shall not exceed 3.0%
- Damaged kernels not exceeding 1.5%
- Glutinous rice not exceeding 2.5%
- Paddy not exceeding 10 grains per 1 kg. of rice
- Undeveloped kernels, Immature kernels, Other seeds and Foreign matter either singly or combined not exceeding 1.0%

Milling degree: Ordinarily milled**(9) Parboiled broken rice A1**

is obtained from the milling of Parboiled rice of various grades and shall have Grain composition as follows:

Grain composition comprises:

- Broken kernels having the length not reaching 6.0 parts and not passing through sieve No. 7 for the entire quantity. Of this there may be broken kernels having the length as from 6.0 parts onward and Whole kernels combined not exceeding 10.0%, and Small parboiled broken kernels C1 not exceeding 6.0%

Rice and matters that may be present:

- Other seeds and Foreign matter not exceeding 1.0%

Section 8 : General provision

(13) Moisture Content of Rice

The moisture content of the rice of all types and grades is specified not exceeding 14.0%

(14) Type sample rice

In case of the purchase/sale of rice as per type sample that does not come within the specifications of this standards, the standards of such rice shall be in accordance with the sample and the specifications agreed upon by the buyer and the seller, and shall be approved by Department of Foreign Trade.

(15) Dispute

In case of any dispute or controversy relating to the various characteristics of the rice kernels, the determination of Department of Foreign Trade shall be final.

Notes: *The standards in Thai version are authentic and valid in case of a dispute.*