

**GUYANA**

**No. 8 of 2007**

**REGULATIONS**

**Made Under**

**GUYANA RICE DEVELOPMENT BOARD ACT 1994**

**(No.15 of 1994)**

**IN EXERCISE OF THE POWERS CONFERRED UPON ME BY SECTION 56 OF THE GUYANA RICE DEVELOPMENT BOARD ACT 1994, I MAKE THE FOLLOWING REGULATIONS:-**

**ARRANGEMENT OF REGULATIONS**

**REGULATION**

1. Citation.
2. Interpretation.
3. Weighing operations.
4. Weight at which padi is to be traded.
5. Determination of dockage.
6. Procedure to determine moisture content.
7. Grading of padi and rice.
8. Official padi grading status.
9. Appeal against grade awarded.
10. Board's grading fees.
11. Fee for grader's licence.
12. Offences and penalties.

## Citation.

1. These Regulations may be cited as the Guyana Rice Development Board (Padi and Rice Grading) Regulations 2007.

## Interpretation.

2. In these Regulations-

“dockage” means all materials other than padi and includes straws, hulls, weeds, seeds and stones;

“regional coordinator” means the head of the Quality Control section in a regional grading and export office; and

“trader” means a person who trades in padi or rice.

## Weighing of padi and rice.

3. (1) A manufacturer shall weigh, all padi and rice delivered to the rice factory.

(2) A manufacturer shall ensure all scales used in the weighing of padi and rice are tested and calibrated by the Guyana National Bureau of Standards before the commencement of each rice crop which shall be evidenced by a Guyana National Bureau of Standards “test certificate” prominently displayed at the rice factory .

(3) Any person who has a scale with capacity in excess of two metric tonnes shall fit the scale with an electronic display to show the weight in kilogrammes.

(4) A rice producer or any person who delivers padi or rice to a rice factory shall have access to witness the weighing of the padi or rice delivered.

(5) The manufacturer shall issue a receipt evidencing the weight of the padi or rice to the person who delivered the padi or rice.

## Weight at which padi should be traded.

4. (1) The price of padi traded for the manufacture of rice shall be calculated on a metric tonne (1000Kg) basis where the padi is cleaned and dried to a moisture content of 14 percent.

(2) Where padi is not clean or has moisture content in excess of 14 percent, the licensed grader shall make the necessary adjustments to the weight of 1000 Kg to compensate for the additional weight.

## Determination of dockage.

5. (1) A manufacturer shall use a representative sample of the consignment delivered when determining the dockage in padi.

First Schedule.

(2) The procedure for the determination of the dockage content in a consignment of padi is as specified in the First Schedule.

Procedure to determine moisture content.

6. (1) A licensed grader shall ensure that -

- (a) the padi is clean, that is, all dockage removed, before any attempt is made to determine the moisture content; and
- (b) the palms of his hands do not come into contact with the padi, since the moisture from the palm of the hands may inflate the moisture content of the padi.

Third Schedule.

(2) The moisture content of padi may be determined by the use of a recommended moisture meter listed in the Third Schedule or any other similar type of moisture meter.

(3) A manufacturer shall ensure that his moisture meter is tested and calibrated by a laboratory as evidenced by a moisture meter calibration report, before the commencement of each rice crop.

(4) The moisture meter calibration report shall be prominently displayed at the rice factory.

(5) The licensed grader shall use a representative sample of the padi consignment delivered when determining moisture content of the consignment.

(6) The sample shall be divided into three equal portions and an average of the three readings shall be used as the moisture content for the consignment.

(7) Where the moisture content exceeds fourteen percent, the moisture deduction chart in the Second Schedule shall be used to determine the necessary adjustments in the weight of the padi.

Second Schedule.

Grading of padi and rice.

7. (1) The padi and rice grading services of the Board shall be available to all rice producers.

(2) All rice shall be graded by the Board, or a licensed grader and the bags shall be properly labelled in accordance with the National Standard for labelling of pre-packaged foods.

(3) A trader or rice producer shall provide the labour required to obtain a satisfactory sample where the grading is done by the Board.

(4) The manufacturer shall prominently display at the rice factory the price for the various grades of padi and rice and the grade specification of the padi and rice.

(5) The manufacturer shall issue a quality or grade certificate for every consignment of rice and padi received.

(6) The licensed grader shall retain all samples graded by him, for fourteen business days.

Official padi  
grading status.

8. (1) A trader or manufacturer may apply to the Board to obtain official padi grading status in the Form specified in the Third Schedule of the Rice Factories Act 1998.

Act No. 8 of 1998.

(2) A trader or manufacturer applying for official padi grading status shall satisfy the following conditions, that is, he shall -

- (a) have a fully equipped grading laboratory approved by the Board;
- (b) employ graders who are trained and licensed by the Board;
- (c) ensure that all padi and rice are graded according to Guyana Standard: GYS 211: 2002, Rice-Specifications, sampling tests and analysis; and
- (d) keep every record in relation to quantity and quality of padi and rice traded, which shall be made available to the Board on request.

Appeal against  
grade awarded.

Fourth Schedule.

9.(1) Subject to sections 39 and 40 of the Act, any person aggrieved by the grade awarded by a licensed grader may appeal in writing to the Board through the Regional Coordinator, on the Notice of Appeal Form specified in the Fourth Schedule.

(2) The aggrieved person shall make his appeal within forty-eight hours of being awarded the grade.

(3) Subject to section 40 of the Act, the representative sample of the rice required for appeal shall be divided into three (3) equal portions which shall be labeled clearly to indicate -

- (i) the manufacturer's name;
- (ii) the date and time of delivery;
- (iii) the variety;
- (iv) the quantity; and
- (v) the name of the licensed grader.

(4) Where the review proves that the grade is higher or lower the rice producer shall make the necessary adjustments in the price.

(5) Where the Board is of the opinion that the appeal is frivolous the appellant shall be directed to pay the cost of conducting the review and the manufacturer's transport cost.

10. The fees for grading purposes are as follows-

Board's  
grading fees.

(a) fees grading a bag of rice for local consumption shall be twenty dollars; and

(b) fees grading submitted samples and the production of guide samples are specified in the Fifth Schedule.

Fifth Schedule.

Fee for grader's  
licence.

11. (1) A person shall pay a fee of five thousand dollars before being issued with a grader's licence as shown in the Sixth Schedule.

Sixth Schedule.

(2) A grader's licence shall be subject to the conditions specified in the Seventh Schedule and shall be valid for a period of two years.

Seventh Schedule.

(3) The grader's licence shall be renewed, upon successful completion of a competency test and the renewal fee shall be five thousand dollars.

Offences and  
penalties.

12. A manufacturer who contravenes any of the provisions of these regulations in respect of grading commits an offence and shall be liable, on summary conviction to a fine of five thousand dollars or to imprisonment for one year.

FIRST SCHEDULE

reg. 5(2)

GUYANA RICE DEVELOPMENT BOARDDetermination of Dockage

1. Weigh 1000g of the sample (A) whose dockage content is to be determined.
2. Remove the dockage (B) by passing it through a clipper/office tester (dockage machine).
3. Ensure that there are no full or broken kernels of padi in the dockage that is removed. Any full or broken kernels found in the dockage removed should be returned to the cleaned portion of the sample.
4. Weigh the cleaned sample (C) and record its weight.
5. Find the weight of the dockage (B) removed from the sample by subtracting the weight of the cleaned sample (C) from that of the original sample (A).
6. Calculate the percentage of dockage in the sample using the formula shown below:

$$\frac{\text{Weight of original sample (A)} - \text{Weight of cleaned sample (C)}}{\text{Weight of original sample (A)}} \cdot 100$$

OR

$$\frac{B}{A} \cdot 100$$

7. The percentage obtained represents the percentage of dockage present in the lot of padi which the sample represents.

**SECOND SCHEDULE**

**Moisture Deduction Chart**

reg. 6(7)

Moisture Content (%)	Moisture Loss/Shrinkage (Kg) & New Net Weight as Calculated on the basis of 1000Kg																																			
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0					
14	1000	1001	1002	1003	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034		
15	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	
16	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	
17	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	
18	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	
19	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	
20	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	
21	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116
22	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128
23	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140
24	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151
25	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163
26	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175
27	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186
28	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198
29	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210
30	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221

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reg. 6(2)

<b>THIRD SCHEDULE</b>	
<b>Moisture Content (%)</b>	<b>Moisture Meters</b>
30	1126
29	1127
28	1128
27	1129
26	1130
25	1131
24	1132
23	1133
22	1134
21	1135
20	1136
19	1137
18	1138
17	1139
16	1140
15	1141
14	1142
13	1143
12	1144
11	1145
10	1146
9	1147
8	1148
7	1149
6	1150
5	1151
4	1152
3	1153
2	1154
1	1155
0	1156

**GUYANA RICE DEVELOPMENT BOARD**

**List of Recommended Moisture Meters**

1. Burrowes Digital Moisture Computer  
Model DMC 700  
110-220 V 50/60 Hz
2. Motomco 919 Moisture Meter  
110-220 V 50/60 Hz
3. Gehaka GS 600 Moisture Tester  
110 V
4. Steinlite SB 900 Moisture Tester  
110/220 V 50/60 Hz
5. Dole Moisture Tester  
Model 400
6. Kett Portable Moisture Tester
7. Brown Duvel Moisture Tester  
Model BD - 1  
110 V 50/60 Hz



**FOURTH SCHEDULE**

reg. 9(1)

**Guyana Rice Development Board**

SUBMIT

ESTABLISHED

1962

MOBILE 1 81

sqi

psqi

Arusha

CSRI

CSRI

Milled Rice

Milled Rice

Director of

I the undersigned Appellant, being dissatisfied with the grade awarded me for ..... metric tonne (s) of padi sold to the below listed mill, hereby appeal the said grade.

Name of Appellant: .....

Code Number: .....

Marks: .....

Grade Awarded: .....

Date received: .....

Mill Number:.....

Name of Licensed Grader: .....

.....  
**Appellant (Signature)**

Appeal grade awarded:.....

Date:.....

.....  
**Regional Co-ordinator/  
Quality Control Manager**

Acceptances  
We accept the said grade awarded

.....  
**Manufacturer**

.....  
**Appellant**

**FIFTH SCHEDULE**

rev. 10

**Gavana Rice development board  
Fees for Submitted and Guide Samples**

SUBMITTED SAMPLES		GUIDE SAMPLES		
TEST REQUIRED	PRICE (\$)	SAMPLE TYPE	WEIGHT (g)	PRICE (\$)
Moisture Test	300.00	Cargo Rice	25	500.00
Padi Dehulling	300.00	Cargo Rice	50	1000.00
Padi Analysis	1000.00	Cargo Rice	75	1500.00
Cargo Rice	700.00	Cargo Broken	50	1000.00
Cargo Broken	600.00	Cargo Broken	75	1500.00
Milled Rice	500.00	Milled Rice	25	500.00
Milled Broken	500.00	Milled Rice	50	1000.00
Degree of whiteness	500.00	Milled Rice	75	1500.00
		Milled Broken	25	500.00
		Milled Broken	50	1000.00
		Milled Broken	75	1500.00

SIXTH SCHEDULE

reg. 11(1)



**Guyana Rice Development Board**

**GRABER'S LICENCE**  
**THIS IS TO CERTIFY THAT**

has satisfied the requirements set by the G.R.D.B. and is therefore authorised to grade PADI and RICE in accordance with Section 37 (1) and (2) of the Guyana Rice Development Board Act, 1994

QUALITY CONTROL MANAGER  
Date Issued

GENERAL MANAGER  
Expiry Date

**SEVENTH SCHEDULE**

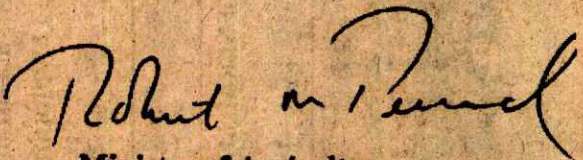
reg. 11(2)

**Conditions of Licence**

This licence is granted subject to the following conditions:

1. The holder of the licence shall keep proper records of the quantity and quality of all padi and rice graded and shall make that information available to the GRDB Quality Control or Extension staff on request.
2. The holder of the licence shall grade padi and rice, at all times, in accordance with the procedures set out in the Guyana Standard GYS 211:2002: Rice Specifications, sampling, tests and analysis.
3. The holder of the licence shall ensure that moisture meters and scales used in the purchase of padi and rice are tested and calibrated before the commencement of each rice crop.
4. The holder of the licence shall comply with such other directions as are given to him from time to time by the General Manager of the Board with regard to the grading of padi and rice.

Made this 2<sup>nd</sup> day of April, 2007



Minister of Agriculture.