Test Report of the Test Unit..... to specify the name .....

who is a person carrying out the test on the prototype of the Measurer for Grading Size of Longan in Form of Reciprocating Sieve

Trademark ..... **Model**..... **Capacity Range**.....

Characteristics of the Prototype of the Measurer for Grading the Size of Longan in the Form of the Reciprocating Sieve

1. A size of an instrument (width x length x height) is .....

2. Materials used for producing the instrument are .....

3. There are ..... motors, a capacity of ..... watt/horsepower.

4. As for the number of sheets of the sieve for reciprocating per 1 instrument, there are ..... sheets consisting of

   4.1 layer....., a size of passing hole..... millimetres

   4.2 layer....., a size of passing hole..... millimetres

   4.3 layer....., a size of passing hole..... millimetres

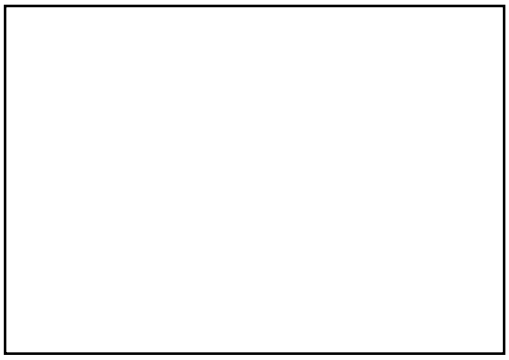
   4.4 layer....., a size of passing hole..... millimetres

   4.5 layer....., a size of passing hole..... millimetres

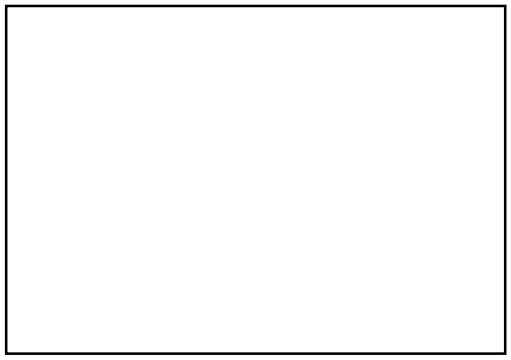
5. The distance between each layer of the reciprocating sieve when assembling the instrument is ..... centimetres.

6. A slope of the layer of the reciprocating sieve is ..... degree.

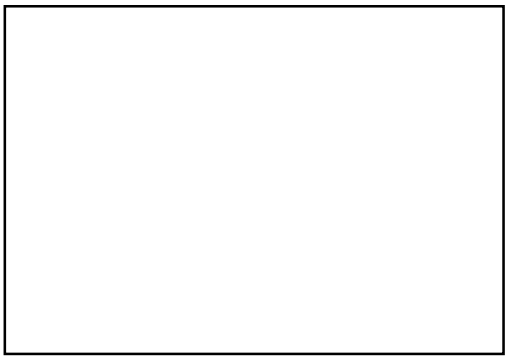
7. Pictures of the prototype of the measurer for grading the size of longan in the form of the reciprocating sieve are as follows:



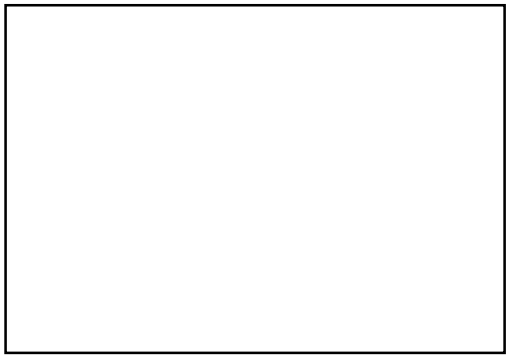
front



back



left



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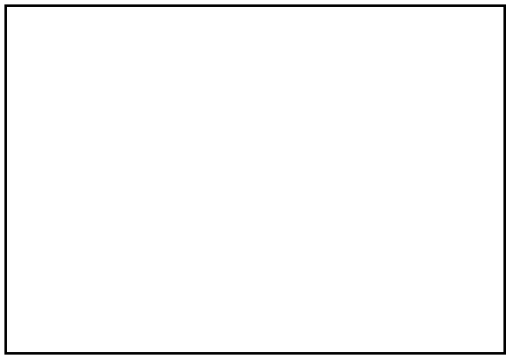

top

Table 1 Result of Visual Inspection

No.	Characteristics of the Prototype of the Measurer for Grading the Size of Longan in the Form of the Reciprocating Sieve as Inspected	Result of Inspection (to mark ✓ or ✘ in the case of inaccuracy, please explain details)		
		Accuracy	Inaccuracy	Details (please specify)
1	the name or trademark of a manufacturer or an importer			
2	the model which is specified the form of an instrument			
3	the size of passing hole for grading the size of longan in each sieve			
4	the size of an instrument (width, length, height and unit)			
5	A capacity range shall be indicated in a clear and indelible manner. It shall be probably indicated as an abbreviation. It shall be indicated in Thai or Arabic numbers and Thai alphabet.			
6	The hole or exit of longan which does not flow through the passing hole of the reciprocating sieve of each size shall be clearly separated.			
7	A wording or any other symbol shall be clearly indicated as the hole or exit of longan which does not flow through the passing hole of the reciprocating sieve of any size.			
8	There is a space for sealing in order to prevent modification after inspection and verification.			
9	The operation of the prototype of the measurer for grading the size of longan in the form of reciprocating sieve shall be continually.			

Test Result ☐ **Pass** ☐ **Not Pass**

Criteria for Consideration : in compliance with the Notification of the Ministry of Commerce regarding the prescription on the characteristic of the measurer for grading the size of longan in the form of reciprocating sieve, the detail of materials used for manufacture, maximum permissible errors and a term of verification

Table 2 Result of Accuracy Test

Hole or Exit / Size of Passing Hole on Sieve Sheet (ml.)	Size of the Standard of Sphere (ml.)	Number of Spheres as Tested (balls)	Test Result of Passing Hole on Sieve Sheet (Number of spheres that can pass the hole) (balls)				
			Round 1	Round 2	Round 3	Round 4	Round 5
L1...../.....	positive side.....	100					
	negative side.....	100					
L2...../.....	positive side.....	100					
	negative side.....	100					
L3...../.....	positive side.....	100					
	negative side.....	100					
L4...../.....	positive side.....	100					
	negative side.....	100					
Ln...../.....	positive side.....	100					
	negative side.....	100					

Hole or Exit / Size of Passing Hole on Sieve Sheet (ml.)	Size of the Standard of Sphere (ml.)	Number of Spheres as Tested (balls)	Test Result of Passing Hole on Sieve Sheet (Number of spheres that can pass the hole) (balls)				
			Round 6	Round 7	Round 8	Round 9	Round 10
L1...../.....	positive side.....	100					
	negative side.....	100					
L2...../.....	positive side.....	100					
	negative side.....	100					
L3...../.....	positive side.....	100					
	negative side.....	100					
L4...../.....	positive side.....	100					
	negative side.....	100					
Ln...../.....	positive side.....	100					
	negative side.....	100					

Test Result ☐ **Pass** ☐ **Not Pass**

Criteria for Consideration :

1. The maximum permissible errors of the size of passing hole on a sieve sheet shall have both positive and negative sides, being equal to 0.5 millimetres.
2. Standard spheres that are used for testing each size of passing hole on the sieve sheet shall have a positive side of 100 balls and a negative side of 100 balls. There shall be all sizes of passing hole on the sieve sheet to be assembled into the measurer for grading the size of longan in the form of reciprocating sieve.
3. The standard spheres as tested shall pass the hole or exit of the sieve in an accurate and complete manner of 10 rounds. In this regard, it is deemed that the aforesaid measurer passes the test.

Remark L1 , L2 , L3 , L4 , Ln are the sizes of passing hole on the sieve sheet in each size.
The size of the standard of sphere (ml.) in a positive side is equal to the size of passing hole on a reciprocating sieve sheet + 0.6 ml.
The size of the standard of sphere (ml.) in a negative side is equal to the size of passing hole on a reciprocating sieve sheet - 0.6 ml.

Table 3 Result of Endurance Test

1. Recording opening - closing times for the measurer for grading the size of longan in the form of reciprocating sieve pursuant to Clauses 1 – 4 of Steps and Methods of Test

No.	Opening Time	Closing Time
1		
2		
3		
4		
5		

No.	Opening Time	Closing Time
6		
7		
8		
9		
10		

2. Accuracy Test pursuant to Clause 4 of Steps and Methods of Test

Hole or Exit / Size of Passing Hole on Sieve Sheet (ml.)	Size of the Standard of Sphere (ml.)	Number of Spheres as Tested (balls)	Test Result of Passing Hole on Sieve Sheet (Number of spheres that can pass the hole) (balls)
L1...../.....	positive side.....	100	
	negative side.....	100	
L2...../.....	positive side.....	100	
	negative side.....	100	
L3...../.....	positive side.....	100	
	negative side.....	100	
L4...../.....	positive side.....	100	
	negative side.....	100	
Ln...../.....	positive side.....	100	
	negative side.....	100	

Test Result ☐ **Pass** ☐ **Not Pass**

Steps and Methods of Test

1. It is required to activate the measurer for grading the size of longan in the form of reciprocating sieve, to record the time of activation.
2. It is required to allow the instrument to spin continuously for a period of 1 hour, then to turn off the instrument, to record the time of turning off the instrument.
3. It is required to repeat steps 1 – 3 for 10 times.
4. Upon completion of the test for 10 times, it is required to conduct the test on accuracy by pouring standard spheres into the measurer for grading the size of longan in the form of reciprocating sieve, and to record the test result.

Criteria for Consideration

1. The maximum permissible errors of the size of passing hole on a sieve sheet shall have both positive and negative sides, being equal to 0.5 millimetres.
2. Standard spheres that are used for testing each size of passing hole on the sieve sheet shall have a positive side of 100 balls and a negative side of 100 balls. There shall be all sizes of sieve hole to be assembled into the measurer for grading the size of longan in the form of reciprocating sieve.
3. All standard spheres as tested shall pass the hole or exit of the sieve in an accurate and complete manner in every period of testing. In this regard, it is deemed that the aforesaid measurer passes the test.

Remark L1 , L2 , L3 , L4 , Ln are the sizes of passing hole on the sieve sheet in each size.

The size of the standard of sphere (ml.) in a positive side is equal to the size of passing hole on a reciprocating sieve sheet + 0.6 ml.

The size of the standard of sphere (ml.) in a negative side is equal to the size of passing hole on a reciprocating sieve sheet - 0.6 ml.

Table 4 Summary of Test Result

No.	Checklist of Testing	Test Result	
		Pass	Not Pass
1	Result of Visual Inspection		
2	Result of Accuracy Test		
3	Result of Endurance Test		

I hereby certify that the aforementioned test results are correct and true in all respects.

(Signed).....Tester

(.....)

Position.....

Date ..... Month ..... B.E. .....

(Signed)..... Authorized person to

(a juristic person's seal (.....) bind a juristic person

to be stamped (if any)) Position.....

Date ..... Month ..... B.E.....