Report of the inspection of a length measurer

Name of the license holder to be an inspector for a length measurer produced by such person :

....

License number ....

Application number ....quantity ....

Serial number ....to ....

Inspected and verified between the date ....untir ....

Trademark .... model ....

The length measurer in the type of..

Material used for producing the length measurer is ....

Standard for inspection of rigid measures accuracy class 1 ....length

Serial number ....inspected on ....

Chapter 1 inspection of characteristics of a length measurer scale marks, scale spacing

Capacity scale mark, scale spacing exceeding scale.

1) Number .... to .... amount ....

   capacity .... metre scale spacing .... mm. exceeding scale .... cm.

   scale mark   private mark   name or trade mark

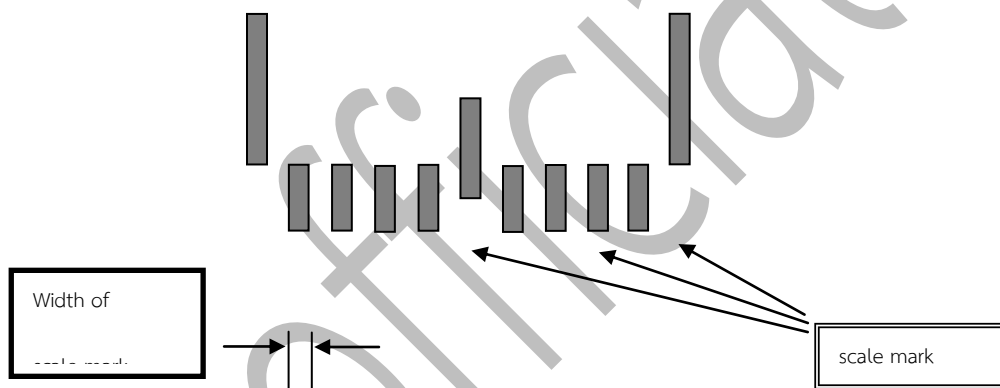   having characteristics ☐ correct amount .... ☐ incorrect amount ....

2) Number .... to .... amount ....

   capacity .... metre scale spacing .... mm. exceeding scale .... cm.

   scale mark   private mark   name or trade mark

   having characteristics ☐ correct amount .... ☐ incorrect amount ....

3) Number .... to .... amount ....

   capacity .... metre scale spacing .... mm. exceeding scale .... cm.

   scale mark   private mark   name or trade mark

   having characteristics ☐ correct amount .... ☐ incorrect amount ....

Inspection of the width of scale mark

Serial number............................to.....................quantity.........................

Randomly selected quantity.............................

Capacity........................ meter   scale spacing......................... millimetre

Width of

scale mark

scale mark

ที่	Serial number	Tested scale marl	The width measured	The width must not exceed (mm.)	Test result
1					☐ Pass ☐ Fail
2					☐ Pass ☐ Fail
3					☐ Pass ☐ Fail
4					☐ Pass ☐ Fail
5					☐ Pass ☐ Fail

Tested length measurer :

1. randomly   selected

      ☐ Pass

      ☐ Fail

2. In the case where any one of the cength measurer failed the test under 1, every length measurer shall be tested.
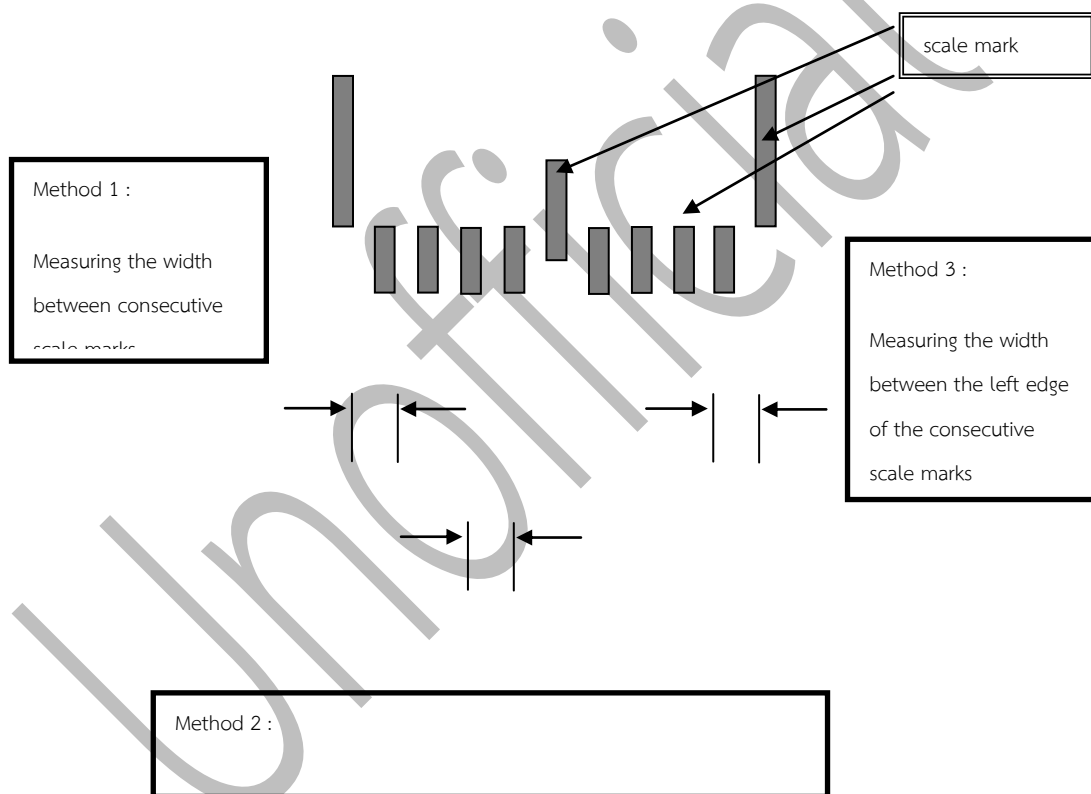
      ☐ Pass

      ☐ Fail

Inspection of the width of scale mark

Serial number .... to .... quantity ....

Randomly selected quantity ....

Capacity .... meter   scale spacing .... millimetre

scale mark

Method 1 :

Measuring the width between consecutive scale marks

Method 3 :

Measuring the width between the left edge of the consecutive scale marks

Method 2 :

Method selected: ☐ 1 Measuring the width between consecutive scale marks

☐ 2 Measuring the width between the middle of consecutive scale marks

☐ 3 Measuring the width between the left edge of the consecutive scale marks

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Inspection of the width of scale spacing

number	Serial number	Tested distance (metre)	Measured scale spacing (mm.)	Maximum permissible error (mm.)	Test result
1	1)				☐ Pass ☐ Fail
	2)				☐ Pass ☐ Fail
	3)				☐ Pass ☐ Fail
	4)				☐ Pass ☐ Fail
2	1)				☐ Pass ☐ Fail
	2)				☐ Pass ☐ Fail
	3)				☐ Pass ☐ Fail
	4)				☐ Pass ☐ Fail
3	1)				☐ Pass ☐ Fail
	2)				☐ Pass ☐ Fail
	3)				☐ Pass ☐ Fail
	4)				☐ Pass ☐ Fail
4	1)				☐ Pass ☐ Fail
	2)				☐ Pass ☐ Fail
	3)				☐ Pass ☐ Fail
	4)				☐ Pass ☐ Fail
5	1)				☐ Pass ☐ Fail
	2)				☐ Pass ☐ Fail
	3)				☐ Pass ☐ Fail
	4)				☐ Pass ☐ Fail

Tested length measurer :

1. By randomly selected method

☐ Pass

☐ Fail

2. In the case any of the length measurer fails the test under 1, every length measurer shall be tested

☐ Pass

☐ Fail

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Inspection of the width of scale mark

Serial number........................to....................quantity.......................

Randomly selected...............................

Capacity....................... meter   scale spacing....................... milimetre

Scale mark

Method 1 :

Measuring the width
between the right edge
of the two consecutive
scale marks

Method 3 :

Measuring the width
between the left edge
of the two consecutive
scale marks

Method 2 :

Measuring the width between the middle of the two consecutive scale marks

Method selected :   □ 1 Measuring the width between the right edge of the two consecutive scale marks

□ 2 Measuring the width between the middle of the two consecutive scale marks

□ 3 Measuring the width between the left edge of the two consecutive scale marks

Inspection of the width of two consecutive scale marks

number	Serial number	distance/measured scale marks (mm.)	Distance measured scale mark (mm.)	Maximum permissible error (mm.)	Test result	
1	1)				☐ Pass	☐ Fail
	2)				☐ Pass	☐ Fail
	3)				☐ Pass	☐ Fail
	4)				☐ Pass	☐ Fail
2	1)				☐ Pass	☐ Fail
	2)				☐ Pass	☐ Fail
	3)				☐ Pass	☐ Fail
	4)				☐ Pass	☐ Fail
3	1)				☐ Pass	☐ Fail
	2)				☐ Pass	☐ Fail
	3)				☐ Pass	☐ Fail
	4)				☐ Pass	☐ Fail
4	1)				☐ Pass	☐ Fail
	2)				☐ Pass	☐ Fail
	3)				☐ Pass	☐ Fail
	4)				☐ Pass	☐ Fail
5	1)				☐ Pass	☐ Fail
	2)				☐ Pass	☐ Fail
	3)				☐ Pass	☐ Fail
	4)				☐ Pass	☐ Fail

Tested length measurer : 1. By randomly selected method

☐ Pass

☐ Fail

2. In the case any of the length measurer fails the test under 1, every length measurer
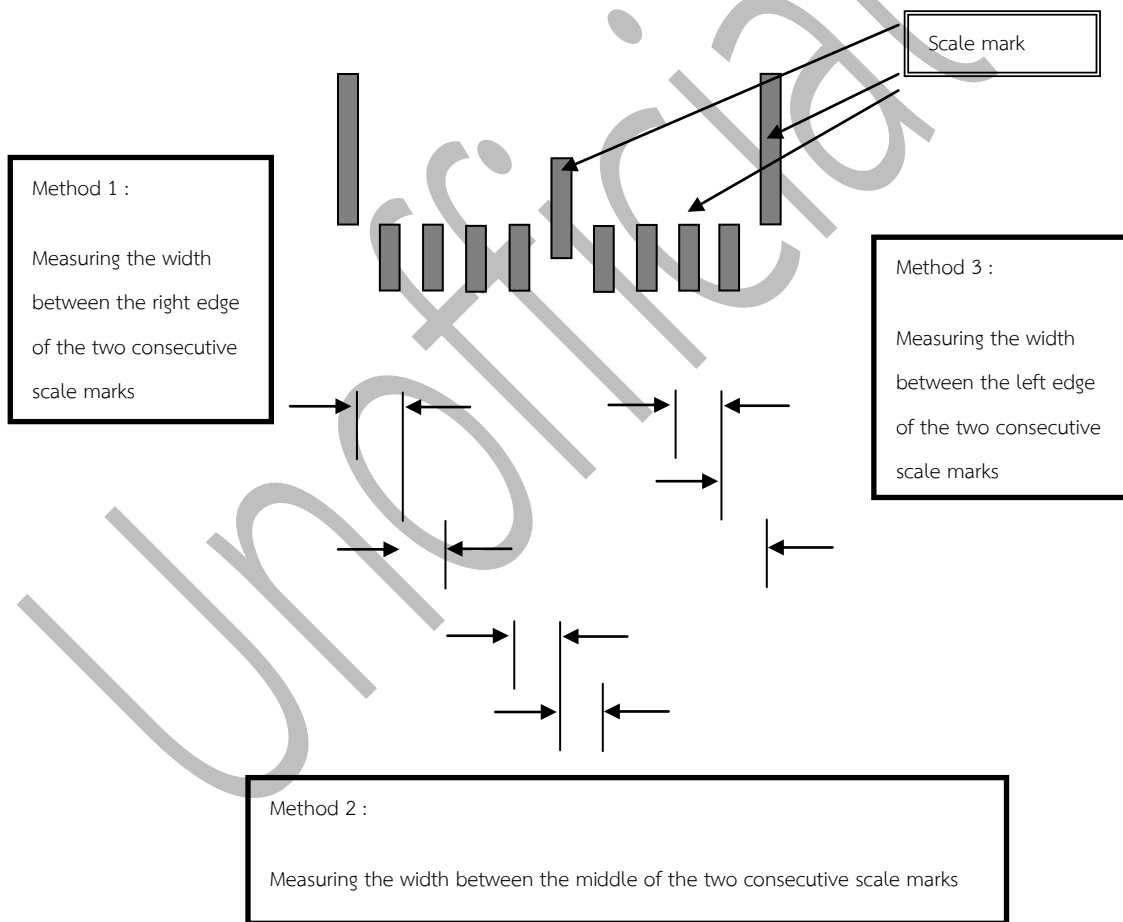
shan be tested

☐ Pass

☐ Fail

Chapter 2 inspection of the accuracy of a length measurer

Inspection of the distance between non-consecutive scale marks and between the zero and to the maximum scale mark Serial number........................... to.....................

Randomly selected Capacity..................... metre   scale spacing.......... millimeter

number	Serial number	Tested distance (metre)	The legth measured (mm.)	Maximum permissible error (mm.)	Test result	
1	1)				☐ Pass	☐ Fail
	2)				☐ Pass	☐ Fail
	3)				☐ Pass	☐ Fail
2	1)				☐ Pass	☐ Fail
	2)				☐ Pass	☐ Fail
	3)				☐ Pass	☐ Fail
3	1)				☐ Pass	☐ Fail
	2)				☐ Pass	☐ Fail
	3)				☐ Pass	☐ Fail
4	1)				☐ Pass	☐ Fail
	2)				☐ Pass	☐ Fail
	3)				☐ Pass	☐ Fail
5	1)				☐ Pass	☐ Fail
	2)				☐ Pass	☐ Fail
	3)				☐ Pass	☐ Fail

Tested length measurer : 1. By randomly selected method

☐ Pass

☐ Fail

2. In the case any of the length measurer fails the test under 1, every length measurer shall be tested

☐ Pass

☐ Fail

Inspection of the distance between the zero end to the maximum scale mark

Every length measurer is tested

Serial number................................... to.....................................

Capacity.............. metre   Scale spacint...... millimeter

Test result : ☐ Pass

☐ Fail

Length measurers are the following serial number which failed the lest :.......................................
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Signed.. license holder or entrusted person.

(...)

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