
	Measurement Units, Standards, and Services Department General Requirements for Taximeter along with recommendation of OIML R21 Annex 02 – Tests and Checks	Date of Issue : 2014.12.03	Doc No: PA-TP-01	
		Rev No: 0	1 of 5	

Test Report No:

Applicant:

Taximeter Model:



Date:

	Requirement	Details	Comment	Status
01	Event counter	01.Shall have 2 event counters for 01. Calibration of K 02. Fare change		
02	Calibration seal	01.Jumper or switch secured by a stamping method or secure sticker and calibration cannot be done without break the seal		
03	Sealing	01.Seal shall be included vehicle No, Serial No of the taximeter, pulse/km value (K), verification date and Inspector identification and shall cover the calibration access and in the form of a non-re-passable sticker or metal/plastic plate with sealing method. Verification sticker format Logo Vehicle No: Taximeter serial No: Pulse/Km (K): Verification date: Inspector Id: Signature:		
04	Real time clock(RTC)	01.RTC with battery backup shall be included. 02.If the power loss has occurred to the clock, taximeter shall not work further without recalibration and verification		
05	Fare change	01.Shall have a separate sealing method to change fare. 02.Shall secure by a un re-paste sticker mentioning fare change date, authority seal or signature of representative of the authority		
06	Taxi driver identification	01.Shall have a password or to method to enter driver identification 02.login and logout button or method for driver shall be included for multi user situations		



Amend No : 0

Reviewed by : Assistant Director

Approved by : Director

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12	Power disconnection switch	01.No power disconnection switch shall be included, 02.but may have a display off or energy saving switch or method to only turn off the display and when turn on again shall indicate the displayed values before switching off the display. 03.Power wires shall be secured by disconnections.		
13	Distance/pulse sensor connections	Distance/ pulse sensor wires shall be secured for accidental disconnections with proper sealing method		
14	Totalizes	01.No of hires 02.Total distance travel with hires 03.Total distance travel without hires 04.Total waiting time 05.Total fare		
15	Fare change method	01.Time date activation of new fare rate 02.Remort method-Network, GPRS, Internet, , USB, RS232, Bluetooth etc.... 03.Manual method- by the front panel buttons 04.By secure coding method using remotely or manual entering using front panel keys. After fare change secure sealing shall be applied by the authority responsible for fare change.		

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Tests

Distance accuracy (Limit= 1.5%) for 1km

	Ref value (m)	Test value (km)	Error %	Pass/fail
01				
02				
03				
04				
05				
Average				
Stdev				

Time accuracy (Limit 1 second/hour)

	Ref value mm:SS	Test value hh:mm	Difference mm:SS	Pass/fail
01				



Fare calculation accuracy (Limit 1 LKR)

Day Time 6:00 to 20:59			Pass/Fail
FARE RS/km	STARTING FARE RS	WAITING TIME FARE RS/min	
20	30	1	
25	30	1	
30	40	1	
35	40	1	
40	50	2	
45	60	2	
50	60	2	
55	70	2	
60	80	3	
65	80	3	
70	90	3	
75	90	3	
80	100	3	
85	110	4	
90	110	4	
95	120	4	
100	130	4	

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Night Time 21:00 to 5:59			Pass/fail
FARE RS/km	STARTING FARE RS	WAITING TIME FARE RS/Min	
30	40	1	
30	40	1	
40	50	2	
40	50	2	
50	60	2	
60	80	3	
60	80	3	
70	90	3	
80	100	3	
80	100	3	
90	110	4	
90	110	4	
100	130	4	
110	140	5	
110	140	5	
120	150	5	
130	160	5	

For other required tests and metrological requirements refer OIML R21

Inspected By:

Checked by:

Signature:

Signature:

Name:

Name:

Date:

Date:

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