



राजस्थान सरकार
उपभोक्ता मामले विभाग
(विधिक मापविज्ञान प्रकोष्ठ)


No-F89/बाट माप /LM-09(02)/2020

26/08/
Date: 08.2021

Order

The repairer of weight or measure applying for license under the Legal Metrology Act, 2009 shall be required to fulfil the basic minimum requirements described as under:-

- i. Minimum qualification required:-
 - a. The owner/ partner/company in the repairer license for repairing electronic weighing and measuring instruments shall be a diploma holder in Electronic/ Electrical/ Instrumentation engineering in a government recognised institute. However, in the case the owner/ partner/company does not have the prescribed qualifications, an employee having such qualifications shall be employed.
 - b. The skilled workers employed by the repairer licensee shall be holding government recognised ITI Electronic/ Electrical/ Instrumentation trade certificate. Also skilled worker having experience of more than one year as service engineer/ service technician in the company manufacturing electronic balances will be preferable.
 - ii. Every licensed repairer of weight or measure shall compulsorily have RS-CIT (Rajasthan State Certificate Course in Information Technology) certificate in view of departmental work being done online via 'etulaman' application.
 - iii. Every licensed repairer of weight or measure shall maintain loan sets as per **Annexure-I** (Table- A & B) and testing kit as per **Annexure-II** (Table- C).
 - iv. Every licensed repairer of weight or measure shall maintain such tools/ equipments, as per **Annexure-III** (Table- D & E).
 - v. The repairer should mandatorily register his/her firm and acquire BRN (Business Registration Number) for the firm.
2. The above stated basic minimum requirements regarding maintaining loan set, testing kit, tools/ equipments, BRN No. and RS-CIT certificate shall be complied by the existing licensee repairers within six months from the date of issue of this order.
 3. Further, every repairer shall enter SSO id of the user of weight or measure, while submitting request on behalf of the user for re-verification of weight or measure through 'etulaman' online application (<http://legalmetrology.rajasthan.gov.in/Etulamaan>).


(Anil Kumar Agarwal)
Controller, Legal Metrology



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Copy sent for information and necessary action to:-

1. PS to Secretary, Food, Civil Supply and Consumer Affairs department, Rajasthan,
2. PS to Director and Controller Legal Metrology, Department of Consumer Affairs, Rajasthan.
3. All Asst. Controller/ Inspector Legal Metrology for ensuring that the licensed repairer maintains required loan set, testing kit, tools and equipments.
4. Shri Rajeev Gujaral, Sr. Project Manager, DoIT&C with request to make RS-CIT certificate and documents stated in Annexure I, II and III compulsory for existing and new repairer license in 'Metrology' application and capture BRN No. for Manufacturer/ dealer/ repairer firms.
5. Shri Ravindra Jain, Programmer, DoIT&C for uploading on legal metrology website. And will ensure to do the updating etulaman as mentioned above.
6. Manufacturer/ Repairer Association, Rajasthan
7. All repairers of weight or measure, Rajasthan for necessary action.


Deputy Controller



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उपभोक्ता मामले विभाग
(विधिक मापविज्ञान प्रकोष्ठ)

TABLE-A

Annexure-I

LIST OF EQUIPMENTS THAT ALL LICENSED REPAIRERS SHALL BE REQUIRED TO KEEP AS LOAN SETS FOR REPAIRING OF MECHANICAL WEIGHING INSTRUMENTS

	Weight or Measure	Denominations	Licence for District (Nos./Sets)	Licence for Rajasthan State (Nos./Sets)
1.	Beam Scale- Class 'C'	100 Kilogram	-	1 No.
		50 Kilogram	-	1 No.
		20 Kilogram	1 No.	1 No.
		10 Kilogram	1 No.	1 No.
		5 Kilogram	1 No.	3 Nos.
		2 Kilogram	1 No.	3 Nos.
		1 Kilogram	1 No.	3 Nos.
		Total	5 No.	13 No.
2.	Weights	Kg series (20, 10, 5, 2, 1)	3 sets	10 sets
		Gram series (500, 200)	3 sets	10 sets
3.	Meter	Meter Bar	1 No.	2 No.
4.	Conical Measure	5 Litre	1 No.	2 No.
		2 Litre	1 No.	2 No.
		1 Litre	1 No.	2 No.



राजस्थान सरकार
उपभोक्ता मामले विभाग
(विधिक मापविज्ञान प्रकोष्ठ)

		5 Kilogram	1 No.	3 Nos.
		2 Kilogram	1 No.	3 Nos.
		1 Kilogram	1 No.	3 Nos.
		Total	5 No.	13 No.
2.	Weights	Kg series (20, 10, 5, 2, 1)	3 sets	10 sets
		Gram series (500, 200)	3 sets	10 sets
3.	Meter	Meter Bar	1 No.	2 No.
4.	Conical Measure	5 Litre	1 No.	2 No.
		2 Litre	1 No.	2 No.
		1 Litre	1 No.	2 No.
		500 Mililitre	1 No.	2 No.
		200 Mililitre	1 No.	2 No.
		100 Mililitre	1 No.	2 No.
		Total	6 No.	12 No.
5.	Cylindrical Liquid Measure	2 Litre	1 No.	2 No.
		1 Litre	1 No.	2 No.
		500 Mililitre	1 No.	2 No.
		200 Mililitre	1 No.	2 No.
		100 Mililitre	1 No.	2 No.
		50 Mililitre	1 No.	2 No.



राजस्थान सरकार
उपभोक्ता मामले विभाग
(विधिक मापविज्ञान प्रकोष्ठ)

		20 Mililitre	1 No.	2 No.
		Total	7 No.	14 No.
6.	Counter Machine	10 Kilogram	1 No.	2 Nos.
		5 Kilogram	2 Nos.	3 Nos.
		2 Kilogram	2 Nos.	3 Nos.
		Total	5 Nos.	8 Nos.
7.	Bullion Weights	1 Kg	2 Sets	3 Sets
		Gram series (500, 200, 100, 50, 20, 10, 5, 2, 1)	2 Sets	3 Sets
		Milligram series (500, 200, 100, 50, 20, 10, 5, 2, 1)	2 Sets	3 Sets
8.	Beam Scale- Class 'B'	10 Kilogram	1 No.	2 Nos.
		5 Kilogram	1 No.	2 Nos.
		2 Kilogram	1 Nos.	2 Nos.
		500 Gram	1 Nos.	2 Nos.
		100 Gram	1 Nos.	2 Nos.
		Total	5 Nos.	10 Nos.

TABLE-B

**LIST OF EQUIPMENTS THAT ALL LICENSED REPAIRERES SHALL BE
REQUIRED TO KEEP AS LOAN SETS FOR REPAIRING OF ELECTRONIC
WEIGHING INSTRUMENTS**



राजस्थान सरकार
उपभोक्ता मामले विभाग
(विधिक मापविज्ञान प्रकोष्ठ)

Sl. No.	Maximum Capacity	e-Value
1	300 Gram	10 Milligram
2	5 Kilogram	500 Milligram
3	10 Kilogram	1 Gram
4	30 Kilogram	2 Gram
5	30 Kilogram	5 Gram
6	50 Kilogram	5 Gram

Note

- Repairer with license for **District** shall have to keep minimum of **two** electronic balance each of above as loan set (Total=12 No.).
- Repairer with license for the **Rajasthan state** shall have to keep minimum of **four** electronic balances each of above as loan set (Total= 24 No.).



राजस्थान सरकार
उपभोक्ता मामले विभाग
(विधिक मापविज्ञान प्रकोष्ठ)

TABLE-C

Annexure-II

LIST OF EQUIPMENTS THAT ALL LICENSED REPAIRERES SHALL BE
REQUIRED TO KEEP AS TEST WEIGHTS AND MEASURES

Sl No.	Weight or Measure	Denominations	Licence for District (Nos./Sets)
1.	Electronic balances for weight testing	200 Gram /1 Milligram	1 No.
		2 Kilogram/10 Milligram	1 No.
		20Kilogram/100 Milligram	1 No.
		50 Kilogram/1Gram	1 No.
2.	Weights for testing of electronic balance	20 Kilogram	4 Nos.
		Kg series (10, 5, 2, 1)	2 Sets
		Gram series (500, 200, 100, 50)	2 Sets
	a) Cast Iron Weights		
	b) Bullion Weights	Kg series (2, 1)	1 set
		Gram series (500, 200, 100, 50, 20, 10, 5, 2, 1)	1 set



राजस्थान सरकार
उपभोक्ता मामले विभाग
(विधिक मापविज्ञान प्रकोष्ठ)

	c)Sheet Metal Weights	Milligram series (500, 200, 100, 50, 20, 10, 5, 2, 1)	1 set
3.	Meter	Metallic Length Measure (1m)	1 No.
4.	Conical Measure	10 Litre	1 No.
		5 Litre	1 No.
		2 Litre	1 No.
		1 Litre	1 No.
		500 Millilitre	1 No.
		200 Millilitre	1 No.
		100 Millilitre	1 No.
5.	Cylindrical Liquid Measures	2 Litre	1 No.
		1 Litre	1 No.
		500 Millilitre	1 No.
		200 Millilitre	1 No.
		100 Millilitre	1 No.
		50 Millilitre	1 No.
		20 Millilitre	1 No.

- **Note-** Repairer with license for the Rajasthan state shall have to keep a minimum of two times of the sets/nos. of the Test weights and measures stated above.



राजस्थान सरकार
उपभोक्ता मामले विभाग
(विधिक मापविज्ञान प्रकोष्ठ)

Annexure-III

TABLE-D

**LIST OF EQUIPMENTS AND MACHINERIES REQUIRED FOR
REPAIRING MECHANICAL WEIGHING INSTRUMENTS**

Sr. No.	Particulars	Size	Nos./Set
1	VISE	75 mm	1 no.
		100 mm	1 no.
2	SCISSOR	75 mm	1 no.
		100 mm	1 no.
3	SPANNER SET	4 to 12 mm	1 no.
4	PLIER	38 mm	1 no.
5	FIX PLIER	Medium	1 no.
6	ROUND FILE	5 mm	1 no.
		12 mm	1 no.
7	HELF ROUND FILE	5 mm	1 no.
		12 mm	1 no.
8	FLAT FILE	4 mm	1 no.
		12 mm	1 no.
9	DISMISS (SCREW DRIVER)		1 set
10	BLOW STOVE		1 no.
11	FLAT PUNCH	10 to 38 mm	1 set 7 nos.
12	ROUND PUNCH	For 1 kg to 20 gram and for	1 set 7 nos.



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उपभोक्ता मामले विभाग
(विधिक मापविज्ञान प्रकोष्ठ)

		bullion weight and scale	
13	RECTANGULAR PUNCH	For 5 kg to 50 kilogram	1 set 4 nos.
14	NUMBER PUNCH-ENGLISH	0 to 9	1 set 9 nos.
15	HINDI TYPE	For Kilogram and for series of gram	1 no. each
16	MELTING POT FOR MELTING OF LEAD	Medium	1 no.
17	HACKSAW WITH BLADE	300 mm	1 no.
18	EMERY STONE	300 mm	1 no.
19	WIRE BRUSH		2 nos.
20	ENGLISH LETTERS (A, B, C, D, TYPE SET) WITH SPANNER	A to Z Capital A to z small	1 set 1 set
21	HAND DRILL WITH SPANNER		1 nos.
22	HAMMERS	500 gram, 200 gram, 100 gram, 50 gram	4 nos.
23	LADLE		1 nos.
24	JACK FOR WEIGHBRIDGE PLATFORM		1 nos.



राजस्थान सरकार
उपभोक्ता मामले विभाग
(विधिक मापविज्ञान प्रकोष्ठ)

TABLE-E

**LIST OF EQUIPMENTS AND MACHINERIES REQUIRED FOR
REPAIRING ELECTRONIC WEIGHING INSTRUMENTS**

1. Digital multi meter
2. Soldering iron
3. Desoldering gun
4. Soldering wire
5. Number punch set - 0 to 9
6. Nose plier and plier
7. Screw driver set
8. Allen key
9. Drill machine
10. Flat and round file set
11. Hammer set
12. Cutter
13. Spanner set
14. Lead seal (Square)
15. Seal wire
16. ABCD type set (Capital set – 1, Small set – 1) punches