

Subject: Compilation of details of testing facilities in state institutions of MSME-compliance reduction phase-II.

Will Deputy Director (EoDB) please refer to their UO No. MSME/EoDB/2026/1611 dated 10.03.2026 on the subject cited above?

The requisite information pertaining to Technical Section is as under.

Sr. No.	Name of The Centre		
01.	Govt. Quality Marking Centre for Plastic & Rubber Goods, Faridabad		
(A)	Plastic Goods		
	Sr. No.	Test Name	Applicable Standard
	1	Tensile Strength Test	IS 13360 (Part 5/Sec 1) / ASTM D638,IS:2508
	2	Flexural Strength Test	IS 13360 (Part 5/Sec 7) / ASTM D790
	3	Izod Impact Test	IS 13360 (Part 5/Sec 5) / ASTM D256
	4	Charpy Impact Test	IS 13360 (Part 5/Sec 6)
	5	Vicat Softening Temperature	IS 13360 (Part 3/Sec 2)
	6	Heat Deflection Temperature (HDT)	IS 13360 (Part 6/Sec 2)
	7	Melt Flow Index	IS 13360 (Part 4/Sec 1),IS:2508
	8	Density Test	IS 13360 (Part 3/Sec 1)
	9	Water Absorption Test	IS 13360 (Part 3/Sec 4)
	10	Hardness Test (Shore D)	IS 13360 (Part 5/Sec 11)
	11	Environmental Stress Cracking	ASTM D1693
	12	Thermal Stability	IS 2530
	13	Ash Content Test	IS 13360
	14	Opacity Test	IS 12252
	15	Flammability Test	UL 94 / IS 10810
	16	Hydrostatic Pressure Test	IS 4985
	17	Pipe Dimensional Test	IS 4985 / IS 13592
	18	Reversion Test	IS 13592
	19	Carbon Black Content	IS 2530
	20	Oxidation Induction Time	ASTM D3895
	21.	Penetration Test	IS:1684(c)
	22.	Rigidity Test	IS:1684(c)
	23.	Impact Test	IS:1684(c)
	24.	Water absorption test	IS:1684(c)
	25.	Resin Content Test	IS:1684(c)
	26.	Carbon Black Content test	IS:2508
	27.	Length wise/Cross wise Direction	IS:2508,IS:6192,IS:179,IS:1963:1981
	28.	Dark Impact test	IS:2508
	29.	Carbon Black Dispersion	IS:2508
	30.	Breaking Strength, Seam Strength Warp way/Weft way	IS:179,IS:1969:1985 & IS:6192
	31.	Bursting strength	IS:1966
	32.	Moisture Content	IS:199
	33.	Tear Strength	IS:6489
	34.	Oil Content	Solvent Extraction
	35.	Colour Fastness to a.Day Light	IS:2454
(B)	Rubber Goods		
	Sr. No.	Test Name	Applicable Standard
	1	Tensile Strength of Rubber	IS 3400 (Part 1)
	2	Elongation at Break	IS 3400 (Part 1)
	3	Hardness Test (Shore A)	IS 3400 (Part 2)
	4	Compression Set Test	IS 3400 (Part 10)
	5	Abrasion Resistance	IS 3400 (Part 16)

6	Tear Strength Test	IS 3400 (Part 23)		
7	Resilience Test	IS 3400 (Part 9)		
8	Ageing Test (Air Oven)	IS 3400 (Part 4)		
9	Ozone Resistance Test	IS 3400 (Part 20)		
10	Density Test	IS 3400 (Part 11)		
11	Water Absorption	IS 4711		
12	Low Temperature Brittleness	ASTM D2137		
13	Oil Resistance Test	IS 3400		
14	Compression Deflection	ASTM D1056		
15	Adhesion Test	IS 3400		
16	Flex Cracking Test	ASTM D430		
17	Swelling Test	IS 4711		
18	Heat Resistance Test	IS 3400		
19	Ash Content	IS 3400		
20	Volatile Matter	IS 3400		
02. Govt. Quality Marking Centre For Engg. Goods, Faridabad				
	Material to be tested	Test Performed	Testing Equipment/Instruments	IS-Reference
	Ferrous & Non-Ferrous Metal, CC Cube, Paver Block, Bricks and other Engineering items.	Tensile, Elongation, Yield, Bend Test, Impact Test (Charpy), Izod Impact Test, Hardness and Compression Test etc.	Tensile Testing M/c (UTM), Compression Testing M/c (CTM), Impact Testing M/c, Brinell, Rockwell & Vicker Hardness Tester etc.	IS- 516, IS-1608, IS-1599, IS-1757, IS-1598, IS-1500, IS-1586 & IS-1501 etc.
03. Govt. Quality Marking Centre For Electrical Goods, Faridabad				
	Material to be tested	Test Performed	Testing Equipment/Instruments	IS-Reference
	Electrical Cable/Wires & Conductor and other items.	Identification, Laying of Core, Colour of Sheath, Aging Test, Tensile test, Annealing, Wrapping, Conductor Resistance Test, Shrinkage, Hot Deformation, Insulation Resistance, Heat Shock, Flammability, Cold Bend & Cold Impact Test etc.	Tensile Testing M/c, Oven, Water Bath, Voltmeter, HV Tester, Galvanometer, Refrigerator, Thermometer, Deep Freezer, Milli Mega Ohm metre, humidity chamber, and other measuring & testing instruments etc.	IS- 694, IS-1554-P1 & P2, IS-8130, IS-7098-P1, IS-5831, IS-3975, IS-398P2 and IS-10810 for Test method etc.
04. Govt. Quality Marking Centre for Engg. Goods, Bahadurgarh				
	Sr. No.	Name of Particular	Name of Test	IS
	01	Brick	Dimension, Water Absorption, Compressive Strength, Efflorescence	1077
	02	CC Cube	Compressive Strength	516
	03	IPB	Compressive Strength	15658
	04	Steel Bar	Weight, Elongation, Tensile Strength, Bend and Re-bend test	1786
	05	Coarse & fine Aggregate	Sieve analysis	383
	06	Chequered Tiles	Compressive Strength	13801

05. Govt. Quality Marking Centre for Engineering Goods, Hisar			
Material	Test / Property	IS Code / Standard	
Fine Aggregate (Sand)	Sieve Analysis / Gradation	IS 2386 (part I) and IS 383 :2016	
Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)	
WBM Aggregate	Sieve Analysis / Gradation	IS 2386 (Part 1)	
Steel (TMT Bar)	Tensile Strength / Ultimate Tensile Strength	IS 1608 / IS 1786	
	Yield Strength	IS 1608 / IS 1786	
	Elongation (%)	IS 1608 / IS 1786	
	Bend Test	IS 1599	
	Re-bend Test	IS 1786	
Concrete (CC)	Concrete Mix Design / Specification	IS 456	
	Slump Test (Workability)	IS 1199	
Concrete (CC Cube) (7,14,21,28 days)	Compressive Strength Test	IS 516	
	Dimensional Measurement	IS 516	
Bricks (burnt clay bricks)	Compressive Strength Test	IS 3495 (Part 1)	
(specification of Bricks according to IS 1077 and testing procedure as per IS 3495)	Water Absorption Test	IS 3495 (Part 2)	
	Efflorescence Test	IS 3495 (Part 3)	
	Dimensional Measurement	IS 3495 (Part 4)	
Precast Concrete Blocks (Plain)	Compressive Strength Test	IS 2185 (Part 1)	
	Water Absorption Test	IS 2185 (Part 1)	
	Dimensional Measurement	IS 2185 (Part 1)	
Interlocking Paver Block	Compressive Strength Test	IS 15658	
	Water Absorption Test	IS 15658	
	Abrasion Resistance Test	IS 15658	
	Dimensional Measurement	IS 15658	
Cement (OPC 43 Grade)	Specification	IS 8112	
Cement (OPC 53 Grade)	Specification	IS 12269	
Cement (PPC)	Specification	IS 1489	
Cement	Initial & Final Setting Time	IS 4031 (Part 5)	
	Compressive Strength Test	IS 4031 (Part 6)	
Bitumen / Asphalt	Bitumen content test/Bitumen extraction test	IS 13826:1993 ASTM D2172	
General / All Materials	Dimensional & Geometrical Checks (Length, Width, Thickness, Diameter, Height, Roundness, Squareness, Flatness, Parallelism, Straightness, Chamfer, Corner Bevel, Tolerance)	IS / Manufacturer Spec / Applicable Drawing	
06. Govt. Quality Marking Centre for Textile Goods, Panipat			
Sr. No.	Nature of Tests	Test Method's Relevant IS Code/ As per Party Requirement	
01.	Identification of Textile fibres	IS:667	
02.	Blend Composition/Fibre Content, Wool, Polyester etc.	IS:3416, IS:2006,IS:2005, IS: 1889, IS: 6504 etc.	
03.	Colour Fastness to:-		



a.	Rubbing	IS:766		
b.	Day Light	IS:2454,		
c.	Washing	IS 687, IS:764		
d.	Perspiration	IS:15626		
04.	Determination of Flammability & Flame Resistance of Textile Fabric	IS:11871:2004		
05.	Moisture Content	IS:199		
06.	Oil Content	Solvent Extraction		
07.	pH of Aqueous Extract	IS:1390		
08.	Scouring Loss	IS:1383, IS:2360		
09.	Shrinkage	IS:665,IS:2977		
10.	Breaking/Tensile/Seam Strength and Elongation	IS:1969		
11.	Bursting Strength	IS:1966		
12.	Fibre Diameter	IS:5910-11		
13.	Fibre Length	IS:233, Part - 4		
14.	Determination of Piling Resistance of fabric	IS:10971		
15.	Single Yarn Strength (S.Y.S)	IS:1670		
16.	Tearing Strength	IS:6489		
17.	Yarn T.P.I.	IS:832		
18.	Fabric/Yarn Count	IS:1315		
19.	Ends/Picks, Coarse/Wales	IS:1963		
20.	Measurement (Fabric Length/Width)	IS:1954		
21.	Thickness	IS:7702		
22.	Weight per Unit Area (G.S.M.)	IS:1964		
23.	Yarn C.S.P.	IS:1671		
24.	Determining the Water Repellency of Fabrics by Cone test	IS:7941		
25.	Determining the Water Repellency of Fabrics by Water Spray Test	IS:390		
26.	Determination of Water Absorption & Penetration of fabric using Bundesmann Apparatus	IS:392		
27.	Crease Recovery test of Textile Fabric	IS:4681		
28.	Fabric Drape Test	IS:8357		
29.	Determination of Dimensional Stability of Fabric	IS:12170, IS:9, IS:3561, IS1299, IS:1313, IS: 665		
30.	Determination of Stiffness of fabric- Cantilever Test	IS: 6490		
31.	Pile Height	-		
32.	Terry Ratio	-		
33.	Nos of Knots	Visually		
34.	Type of Weave and Knitting	-		
35.	Nos of Stiches	Visually		
36.	Residual Starch Content in Cotton Fabric After Desizing	IS:1967		
37.	Estimation of Benzene-Methyl Alcohol soluble Matter in Textile Materials	IS:5152		
38.	Estimation of Moisture, total Size or Finish, Ash and Fatty Matter in Grey and Finished Cotton Textile Materials	IS:199		
39.	Determination of Water soluble Matter in Textile Materials	IS:3456		
07 Govt. Quality Marking Centre For Engg. Goods, Jagadhri				
Sr. No.	Material to be tested	Tested Performed	Testing Equipments/Instruments	IS-Reference
1	Boulder Stone, MS	Specific Gravity,	Oven, Tensile Testing	IS-280,IS-



	Wire, MS Sheet, Stone Aggregate, Wood Timber	Water Absorption, Tensile Strength, Wrapping, Size, Sieve Analysis, Moisture Content	M/c, IS Sieve, and other measuring and testing Equipments.	1124, IS-1708,IS 383,
08. Govt. Industrial Development Centre for Tools & Dies, Pinjore				
	Sr. No.	Tested Performed	Remarks	
	1	Surface Grinding of Metals	Surface Grinding Machine (SFG-I is in working Condition)	
09. Govt. Quality Marking Centre for Engg. & Rubber Goods, Gurugram.				
	Sr. No.	Name Particular	Name of Test	Indian Standards (IS)
	1	Brick	1. Dimension 2. Water Absorption 3. Compressive Strength 4. Efflorescence	IS 1077
	2	C.C. Cube	Compressive Strength	IS 516
	3	IPB	1.Dimension 2. Water Absorption 3.Compressive Strength 4. Abrasion Resistance 5.Tensile Splitting Strength	IS 15658
	4	Steel Bar	1.Weight, Elongation 2. Tensile Strength 3. Bend and Rebend Test	IS 1786
	5	Chequered Tiles	Compressive Strength	IS 13801-2013 (RA 2018)
	6	a. Aggregate b. (40mm,20mm, etc.) c. Coarse Sand d. Fine Sand	Sieve Analysis/ FM	IS 383
	7	Cement	Initial/ Final Setting	IS 8112
	8	Doors	Fire Test	i. BS 476 Part 20&22 ii. IS 3614
	9	MS Plate	Dimension & Weight	IS 1730
	10	Conveyor Belt	1. Width 2. Top Thickness 3. Bottom Thickness 4. Total Thickness 5.Carcass Material 6. Belt Type 7. Tensile Strength 8.Elongation etc.	i. IS 3181 ii. IS 1891
	11	Rubber	1. Identification of unknown Polymer 2.Hardness Shore-A 3.Tensile Strength	i. IS 3400 ii. IS 3708

			4. Elongation 5. Ash Content 6. Compression Set (24 Hrs) 7. Ageing 72 hrs etc.	
10.	Govt. Quality Marking Centre Engg. & Chemical Goods, Sonipat			
	Sr. No.	Name of Particular	Name of Test	IS
	1	Brick	1) Dimension, 2) Water Absorption, 3) Compressive Strength, 4) Efflorescence	IS 1077
	2	CC Cube (7, 14, 21, 28 Days)	Compressive Strength	IS 516
	3	IPB Tiles	1) Dimension, 2) Water Absorption, 3) Compressive Strength, 4) Abrasion Resistance, 5) Tensile Splitting Strength	IS 15658
	4	Steel Bar	1) Weight, 2) Elongation, 3) Tensile Strength, 4) Bend and Re-bend test	IS 1786
	5	Chequered Tiles	Compressive Strength	IS 13801-2013 (RA 2018)
	6	Aggregate, (20mm, 10mm etc.) Coarse Sand Fine Sand	Sieve Analysis	IS 383
	7	Cement	Initial / Final Setting	IS 8112
	8	Items Sign Board Polythene Tin Dual desk Almirah Medical Equip. etc.	Measurements 1) Length 2) Width 3) Thickness 4) Centre Distance 5) Height 6) Other Dimensions	As per Customer specifications
	9	Doors	Fire Test	1) BS 476, part 20, 22 2) IS 3614
	10	Bitumen	Bitumen Content	IS 19008
	11	Conveyor Belt Or Rubber	1) Width 2) Top Thickness 3) Bottom Thickness 4) Total Thickness 5) Carcass Material 6) Belt type 7) Tensile Strength 8) Elongation 9) Adhesion Value etc.	1) IS 3181 2) IS 1891
	12	Wooden Crate	Measurements 1) Length 2) Width 3) Weight	As per customer Specifications



			4) Upper Member 5) Lower Member 6) Total number of Nails 7) Identification of Woods 8) Visual Defects	
13	Paint		1) Drying Time 2) Hard Dry 3) Consistency 4) Finishing 5) Colour 6) Mass (kg) in 10 Litre 7) Scratch Hardness 8) Volume Solids 9) Protection against Corrosion 10) Water Content 11) Pressure Test 12) Flexibility 13) Impact Resistance 14) Gloss Value @ 45 degree etc.	1) IS 104 2) IS 2074 3) IS 13607 4) IS 168-1993
14	Dunnage Pallets		Measurements 1) Length 2) Width 3) Weight 4) Visual Defects 5) Other Dimensions etc.	IS 13714
11. Govt. Industrial Development Centre for Tools & Dies, Jagadhri.				
	Sr. No.	Tested Performed	Remarks	
	1	Anodizing (Dull) of Aluminium Goods. (Utensils)	No testing facilities. Only job work in centre.	

Deputy Director (Tech)
for Director General, MSME, Haryana

To

Deputy Director (EoDB),

U.O. No. TS/EoDB/Testing Facility/2026/ 2061

Dated: 01/04/26