

SUMMARY SHEET for Testing Equipment- Tender No.02/2019-20

S. No.	Name of the Equipment	Qty	Name of the centre *
1	Atomic Absorption Spectrophotometer	3	RAN, RPR & AGAR
2	Differential Scanning Calorimetry	3	DEH, AGAR & BADDI
3	FTIR	7	CHAN, RAN, DEH, RPR, AGAR, GWL & VJA
4	Gas Permeability Analyzer (Three Test Chambers using Pressure Differential Method) ASTM D1434	6	CHAN, RAN, DEH, RPR, BADDI, VJA
5	TGA Apparatus	5	CHAN, RAN, DEH, BADDI, GWL
6	UNIVERSAL TESTING MACHINE 50 kN	1	RPR
7	UNIVERSAL TESTING MACHINE 25 kN	3	RAN, DEH, RPR
8	Double Beam UV Spectrophotometer	7	CHAN(2), RAN, DEH, RPR, BADDI, VJA
9	UV weathero meter	3	RAN, BADDI, GWL
10	WVTR	5	RAN, DEH, RPR, BADDI, VJA
11	Comparative Tracking Index	1	RPR
12	Abrasion Tester	6	CHAN(2), RAN, DEH, RPR, AGAR
13	Izod/Charpy Impact Tester	6	CHAN, RAN(2), DEH,RPR,AGAR
14	Barcol Hardness Tester	6	CHAN,RAN(2),DEH,RPR,BADDI
15	Bulk Density Apparatus	9	CHAN,RAN(2),DEH,RPR,AGAR,BA DDI,GWL,VJA
16	Burst Strength	5	RAN,RPR,AGAR,BADDI,VJA
17	Climatic Chamber	5	CHAN,RAN,DEH,AGAR,GWL
18	Co-efficient of Friction Tester - Vertical	4	CHAN,RAN,DEH,AGAR
19	Co-efficient of Friction Tester - Horizontal	4	CHAN,RAN,DEH,AGAR
20	Deep Freezer	5	CHAN,RAN(2),DEH(2)
21	Arc Resistance	5	CHAN,RAN,DEH,RPR,VJA
22	Elmendorf Tear Tester	5	CHAN,RAN(2),DEH,AGAR
23	Gloss meter	7	RAN,DEH,RPR,AGAR,BADDI,GWI, VJA
24	Glow Wire Tester	6	CHAN,RAN(2),DEH,GWL,VJA
25	Hydrostatic Burst Pressure Testing Machine (As per ASTM D 1785)	2	RPR,AGAR
26	MELT FLOW TESTER	5	RAN(2),DEH,RPR,BADDI
27	Melting Point apparatus (hot stage)	1	RAN
28	Notch cutter	5	CHAN,RAN,DEH,BADDI,VJA
29	Hot Oil Bath	5	CHAN,RAN(2),DEH,AGAR
30	OXIDATION INDUCTION TIME (OIT)	6	CHAN,RAN(2),RPR,AGAR,GWL
31	Rockwell Hardness	4	CHAN,RAN,DEH,BADDI
32	Universal Microscope	2	RAN,DEH
33	Volume and Surface Resistivity Test	6	CHAN,RAN,DEH,RPR,BADDI,VJA
34	Weighing balance (Dharam Kata 40 MT)	2	RAN,RPR

* CHAN - Chandrapur, RAN - Ranchi, DEH - Deharadun, RPR - Raipur, AGAR - Agartala, BADDI - Baddi, GWL - Gwalior & VJA - Vijayawada