




LIST OF EQUIPMENT/ MACHINERIES – PROCESSING




Name of Centre – CIPET: CSTS-BADDI



Sl. No.	Equipment/ Machine	Make & Model	Specification	Application	Image
1	Hand Operated Injection Moulding Machine	Make – Srimathy Engineers Model -	0.5 Ounce	Training – LTC/STC	



2	Hand Operated Injection Moulding Machine	Make - Srimathy Engineers Model-	0.5 Ounce	Training – LTC/STC	
3	Automatic Injection Moulding Machine (Horizontal)	Make – Delta Machine Craft Model – Maliksons- PJ 80	Clamping capacity- 30 T Shot capacity-60 Gram Maximum mould height- 250 mm Minimum mould height- 100 mm Distance between tie bar-220x220 mm	Training – LTC/STC	



4	Semi-Automatic Injection Moulding Machine (Vertical)	Make - Delta Machine Craft Model- Maliksons 60 VH	Clamping capacity- 30 T Shot capacity- 60 Gram Maximum mould height- 250 mm Minimum mould height- 100 mm Distance between tie bar-220x220 mm	Training – LTC/STC	
5	Automatic Injection Moulding Machine JIT	Make – S & T Engineers (P) Ltd Model –JIT 80	Clamping capacity- 80 T Shot capacity- 117 Gram Maximum mould height- 320 mm Minimum mould height- 100 mm Distance between tie bar-320x320 mm	Training – LTC/STC, Technical Support	



6	Automatic Injection Moulding Machine JIT	Make - S & T Engineers (P) Ltd Model- JIT 80 T	Clamping capacity- 80 T Shot capacity- 117 Gram Maximum mould height- 320 mm Minimum mould height- 100 mm Distance between tie bar-320x320 mm	Training – LTC/STC, Technical Support	
7	Automatic Injection Moulding Machine TOSHIBA	Make - Toshiba Machine Model – STS - 100	Clamping capacity- 100 T Shot capacity-153 Gram Maximum mould height- 530 mm Minimum mould height- 200 mm Distance between tie bar-420x420 mm	Training – LTC/STC, Technical Support	



8	Automatic Injection Moulding Machine TOSHIBA	Make – Toshiba Machine Model- 2 Tech 450	Clamping capacity- 450 T Shot capacity-1944 Gram Maximum mould height- 970 mm Minimum mould height- 450 mm Distance between tie bar-830 x 830 mm	Training – LTC/STC, Technical Support	
9	Automatic Injection Moulding Machine STD	Make – S & T Engineers (P) Ltd Model – STD 90-100 D	Clamping capacity- 100 T Shot capacity-153 Gram Maximum mould height- 380 mm Minimum mould height- 150 mm Distance between tie bar-330x330 mm	Training – LTC/STC, Technical Support	
10	Automatic Injection Moulding Machine STD	Make – S & T Engineers (P) Ltd Model – STD 90-100 D	Clamping capacity- 100 T Shot capacity-153 Gram Maximum mould height- 380 mm Minimum mould height- 150 mm Distance between tie bar-330x330 mm	Training – LTC/STC, Technical Support	



11	Automatic Injection Moulding Machine STD	Make – S & T Engineers (P) Ltd Model – STD 30-50 D	Clamping capacity- 50 T Shot capacity- 117 Gram Maximum mould height- 320 mm Minimum mould height- 100 mm Distance between tie bar-320x320 mm	Training – LTC/STC, Technical Support	
12	Automatic Injection Moulding Machine STM	Make - S & T Engineers (P) Ltd Model- STM 300 D	Clamping capacity- 300 T Shot capacity-710 Gram Maximum mould height- 650 mm Minimum mould height- 250 mm Distance between tie bar-630x630 mm	Training – LTC/STC, Technical Support	
13	Automatic Injection Moulding Machine STM	Make - S & T Engineers (P) Ltd Model- STM 200 D	Clamping capacity- 200 T Shot capacity- 540 Gram Maximum mould height- 560 mm Minimum mould height- 200 mm Distance between tie bar-530x530 mm	Training – LTC/STC, Technical Support	

14	All Electric Automatic Injection Moulding Machine MILACRON	Make – Ferromatic Milacron india Model- Electron -155 T	Clamping capacity- 155 T Shot capacity-215 Gram Maximum mould height- 590 mm Minimum mould height- 200 mm Distance between tie bar-520x520 mm	Training – LTC/STC, Technical Support	
15	Hand Operated Blow Moulding Machine	Make – Delta Machine craft Model	0.2 Ounce	Training – LTC/STC	



16	Hand Operated Blow Moulding Machine	Make - Delta Machine craft Model	0.2 Ounce	Training – LTC/STC	
17	Hand Operated Blow Moulding Machine	Make - Delta Machine craft Model	0.5 Ounce	Training – LTC/STC	



18	Hand Operated Blow Moulding Machine	Make - Delta Machine craft Model	0.5 Ounce	Training – LTC/STC	
19	Automatic Blow Moulding Machine(Universal)	Make – Universal machineries Model- UMS-1000	Machine capacity- 1 ltr Maximum mould height- 178 mm Mould Opening -175 mm Screw Dia- 40 mm	Training – LTC/STC	



20	Extrusion Blown Film plant (Konark)	<p>Make – Konark Platomech Pvt Ltd. Model – 32 HM/LDPE</p>	<p>Maximum Production capacity- 8 kg/hrs Lay flat width- 200 mm Screw Dia- 32 mm</p>	<p>Training – LTC/STC</p>	
21	Extrusion Film plant (SMT)	<p>Make –Sai Machine Tools Model- SMT-</p>	<p>Maximum Production capacity- 8 kg/hrs Lay flat width- 200 mm Screw Dia- 32 mm</p>	<p>Training – LTC/STC</p>	



22	Extrusion Cast film plant (Konark)	Make - Konark Plastomech Pvt. Ltd Model -51 mm Monolayer cast line	Maximum Production capacity- 15 kg/hrs Lay flat width- 350 mm Screw Dia- 40 mm -	Training – LTC/STC	
23	Tubular Quench PP Film plant (Konark)	Make –Konark Plastomech Pvt. Ltd Model-	Maximum Production capacity- 30 kg/hrs Lay flat width- 300 mm Screw Dia- 51 mm	Training – LTC/STC	




24	Extrusion Pipe plant(Delta)	Make –Delta machine craft Model-	Capacity- 16 mm to 75 mm	Training – LTC/STC	
25	Extrusion Pipe plant (SMT)	Make –Sai Machine Tools Model-SMT- 45	Capacity- 16 mm to 75 mm	Training – LTC/STC	
26	Pilletizer (Reprocessing Machine)	Make – Delta Machine craft Model- Mliksons	Capacity – 50 kg /hrs	Training – LTC/STC	

27	Semi Automatic Compression Moulding Machine	Make – Delta machine craft Model - Pressman 30	Clamping capacity- 30 T Platen size- 400x400 mm Daylight- 560 mm Stroke – 280 mm	Training – LTC/STC	
28	Hydraulic Press Machine	Make – Flowmech Engineers Model – 10 ton	Clamping capacity- 10 T Stroke – 300 mm Daylight Gap- 400 mm Working Table Size- 250x250 mm	Training – LTC/STC	

29	Scrap Grinder Machine	<p>Make – Electronica Machine Model</p>	<p>Grinding capacity- 20 kg/hrs Blade Size-200 mm No of Blade- 6</p>	<p>Training – LTC/STC</p>	
30	Scrap Grinder Machine (for film)	<p>Make –Delta machine craft Model- GR 10</p>	<p>Grinding capacity- 10 kg/hrs Blade Size-210 mm No of Blade- 6</p>	<p>Training – LTC/STC</p>	

31	Semi-Automatic Thermoforming Machine	Make –Ewa engineering Model- VBS-1214	Maximum forming Area- 300x350 mm Maximum forming depth- 100 mm Maximum sheet width – 350x400 mm	Training – LTC/STC	
32	Ultrasonic Welding machine	Make –Oscar ultrasonic Pvt Ltd Model- Sonaweld PW-1000 W	Power supply- 230 v 50 hz Power out put max- 1000 w Frequency -20 KHz	Training – LTC/STC	

33	Pad Printing Machine	Make –Rita pad Model- MLM 100 T GF	Cliché Size- 210x100x10 mm Printing Image maximum – 85 mm Height of object max- 90 mm Printing Capacity- 400 stroke /hrs	Training – LTC/STC	
34	Heat Sealing Machine	Make – Eewa engineering Model-	Heat Sealing Machine	Training – LTC/STC	



35	Air Compressor	Make –IA 45 T2 20 HP Model-	Air Compressor	Training – LTC/STC, Technical Support	
36	Air Compressor	Make - IA 45 T2 20 HP Model-	Air Compressor	Training – LTC/STC, Technical Support	
37	High Speed Mixture	Make – Electronica plastics machine Model- SSB – 50	Machine capacity – 50 kg	Training – LTC/STC, Technical Support	

38	High Speed Mixture	Make - Electronica plastics machine Model- SSB - 100	Machine capacity – 100kg	Training – LTC/STC, Technical Support	
39	PLC Microprocessor Based Electro Pneumatic Trainer	Make - Niyo Engineers Model – PNE 11 P	Pneumatic Trainer	Training – LTC/STC	



40	Hydraulic Training Kit	Make – Niyo Engineers Model- HYD07-P	Hydraulic Training Kit	Training – LTC/STC	
41	PLC Microprocessor Based Electro Hydraulic Servo Trainer	Make – Niyo Engineers Model- HYD04MOD	Training Kit	Training – LTC/STC	




42	Electro-Pneumatic Trainer with PLC	Make – Niyo Engineers Model- HYD07-P	Training Kit	Training – LTC/STC	
43	PLC Microprocessor Based Electro Hydraulic Trainer	Make – Niyo Engineers Model- HYD07-P	Hydraulic Trainer	Training – LTC/STC	


44	Air Dryer IAD 250-16	Make – GEM Model-	Air Dryer	Training – LTC/STC	
45	Cooling Tower - 1	Make - Model	Capacity-20 TR	Training – LTC/STC, Technical Support	

46	Cooling Tower -2	Make – Paharpur Cooling Tower Model	Capacity-20 TR	Training – LTC/STC, Technical Support	
47	PVC Pipe Welding machine	Make – Rita Engineers Model-	Welding machine	Training – LTC/STC	

48	Rotational Moulding Machine	<p>Make – Fixopan machine Pvt. Ltd Model – Educater 200</p>	<p>Machine capacity- 200 ltr No of Station – Single Burnner- LPG</p>	<p>Training – LTC/STC</p>	
49	Pulverisor Machine	<p>Make - Fixopan machine Pvt. Ltd Model- Educater 25</p>	<p>Capacity- 70-80 kg /Hr Machine Disk size- 550 mm Main moter - 5 HP Heat Media- 20 HP</p>	<p>Training – LTC/STC</p>	

50	Water Chiller Machine - 1	Make –Aerodry plastics Automation Model- 10 TR	Machine capacity- 10 TR	Training – LTC/STC, Technical Support	
51	Water Chiller Machine -2	Make – Aerodry plastics Automation Model- A-100 W	Machine capacity- 10 TR	Training – LTC/STC, Technical Support	

52	Agglomerator Machine -1	Make - Delta Machine Craft Model- A-100 W	Machine capacity- 100 kg /hr	Training – LTC/STC	
53	Agglomerator Machine -2	Make –Delta Machine Craft Model	Machine capacity- 100 kg /hr	Training – LTC/STC	
54	Hot Air Gun	Make – Leister Tech Model-		Training – LTC/STC	

55	Diesel Generator	Make – Greaves Cotton Limited Model- C.G	Machine Capacity- 125 KVA	Office Use , Technical Support	
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