

SCHOOL OF TECHNOLOGY

1. Auto Engineering

No.	Items	Q'ty	Priority	Remarks
1	Floor jack (hydraulic 3ton)	2	A	Tool
2	Clipping board	10	A	
3	Side slip tester	1	A	Vehicle Testing Equipment
4	Brake Speedo Combination tester	1	A	Ditto
5	Head Light Tester	1	A	Ditto
6	Battery charger	1	A	
7	Bench drill	1	A	Training Equipment
8	Injector Tester	1	A	Testing Tool
9	Fuel pressure gauge set	1	A	Ditto
10	Vacuum pump tester (Ref.:MytyVac)	2	A	Ditto
11	Engine analyzer	2	A	Ditto
12	Oil pressure gauge (engine)	2	A	Ditto
13	Oil pressure gauge (auto transmission)	2	A	Ditto
14	Hydraulic press	1	A	
15	Air compressor (mobile type)	1	A	
16	Bench vice	10	A	
17	Numbering punches	2	A	
18	Separate Type Engine Bed (for engine training)	1	A	Training Equipment
19	Automatic Transmission Cut Model	1	A	Demonstration Equipment
20	Starter Motor Cut Model	2	A	Ditto
21	Distributor Cut Model	2	A	Ditto
22	Alternator Cut Model	2	A	Ditto
23	Chassis Cut Model	1	A	Ditto
24	4 Speed Manual T/M Functional Model	1	A	Ditto
25	Torque Combater Functional Model	1	A	Ditto
26	Differential (ASR, ASD) Mechanism Model	1	A	Ditto
27	Training vehicle's components	5	B	Training material
28	Micro computer with UPS	1	B	Department head
29	Steam cleaner (Pressured hot water washer)	1	B	
30	Compression gauge (petrol)	5	B	Training Equipment
31	Timing Light	5	B	Ditto
32	Transformer, 230/100V	5	B	Pore splay Equipment
33	Mechanic Puller set	1	B	Tool
34	Flaring tool set	2	B	Ditto
35	Parts cleaner	2	B	
36	Bench grinder	1	B	
37	Oil filter wrench set	1	B	Tool
38	Clutch aligning tool	5	B	Ditto
39	Tie rod end lifter	2	B	Ditto
40	Torque Wrench (Plane type)	5	B	Ditto
41	Torque Wrench (Preset, Dial, Digital)	1	B	Ditto
42	Venire Caliper (0~200mm)	20	B	Ditto
43	Hoist(4post)	1	C	
44	Valve refacer	1	C	

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45	Boring bar set	1	C	
46	Cylinder honing set	1	C	
47	TV/Video set	2	C	
48	Cylinder bore gauge	5	C	
49	Valve spring tester	1	C	
50	Conrad aligner	1	C	
51	Distributor tester	1	C	
52	Spark plug & battery tester	2	C	
53	Hand drill	5	C	
54	Hand grinder	4	C	
55	Vacuum cleaner	2	C	
56	Overhead projector (OHP)	3	C	
57	Transmission jack (high lift type)	4	C	
58	Transmission jack (low lift type)	4	C	
59	Oil bucket pump	2	C	
60	Grease oil pump	2	C	
61	Tap & die set	5	C	
62	Chain block (hoist)	1	C	
63	Engineer's files	10	C	
64	Chisel & punches	20	C	
65	Oil seal bearing puller	5	C	
66	Hollow punches	5	C	
Heavy Duty Vehicle Equipment				
1	Injection nozzle tester	1	A	Training Equipment
2	Compression gauge (diesel)	2	A	Ditto
3	Hydraulic System Model (complete)	1	A	Training Equipment
4	Pneumatic System Model (complete)	1	A	Ditto
5	Wheel Dolly	1	A	Ditto
6	Rigid Rack (Height 1m)	2	A	Tool
7	Floor Jack (Air Jack 10ton)	1	A	Tool
8	Diesel engine model (heavy duty)	1	C	Demonstration
9	Diesel pump testing machine	1	C	Training Equipment
Auto Electrical Equipment				
1	Multimeter (analog)	10	A	
2	Multimeter (digital)	10	A	
3	Auto electrical/electronic fault diagnoses	1	A	
4	Electronic Brock System	10	A	Training Equipment
Panel beating & Spray Painting				
1	Body repair Tool set	10	A	
2	Body fender tool set	10	A	
3	Painting Spray guns	10	A	
4	Metal cutting snips	10	A	
5	Body frame repair system	1	A	
6	Body puller Set	1	A	
7	Hydraulic Porto Power Set	2	A	
8	Vice Grip Wrench Set	3	A	
9	Hand riveter tool kit	3	A	
10	Air tip cutter	3	A	

11	Paint Spray Gun Cleaner	3	A	
12	Paint cup	3	A	
13	Air compressor	1	A	
14	Jig saw	2	A	
15	Spot Tool (Spot welding separator)	3	B	
16	Spot Welder	1	B	
17	MIG/MAG Welder	1	B	
18	Oxy.-Acetylene Welding /Cutting Torch Set	2	B	
19	Air Chisel	3	B	
20	Air Belt Sander	3	B	
21	Electric Grinder (100mm)	3	B	
22	Electric Polisher (200mm)	3	B	
23	Double Action Sander	3	B	

2. Civil Engineering

Carpentry & Joinery Equipment

No.	Items	Q'ty	Priority	Remarks
1	Drop (miter) saw, 14" (for wood)	2	A	Electric tool
2	Disk sander	3	A	Ditto
3	Sander Polisher	3	A	Ditto
4	Angle grinder (size:9")	2	A	Ditto
5	4Angle grinder (size:4")	3	A	Ditto
6	Circular saw, (9-1/4")	2	A	Ditto
7	Jigsaw,	3	A	Ditto
8	Plunger router (12mm(1/2"))	2	A	Ditto
9	Belt sander (100×610)	3	A	Ditto
10	Cordless drill	3	A	Ditto
11	Variable speed electric drilling machine	3	A	Ditto
12	Bench grinder, (205mm)	2	A	Electric tool
13	Pin gun (Air Rivet gun)	3	A	Air tool
14	Industrial vacuum cleaner	1	A	Cleaning the workshop
15	Angle drill	4	A	Electric tool
16	Wood lathe (Table lathe)	5	A	Ditto
17	Spindle molder	1	A	Ditto
18	Thicknezzzer (20" or 24")	1	A	Ditto
19	Surface planner	1	A	Ditto
20	Drum sander, (15 to 120mm diameter)	2	A	Ditto
21	Rip saw, (90-40 degree tilt setting)	1	A	Ditto
22	Bench drilling machine	1	A	Ditto
23	Air Compressor	1	A	Electric machine
24	Measuring tape (convex lure 5m)	20	A	Hand tool
25	Claw hammer (22 ounce)	20	A	Ditto
26	Hand saw (rip, cross cut, panel saw)	20	A	Ditto
27	Combination square	10	A	Ditto
28	Drill bit set (for wood)	5	A	
29	Router bit set	5	A	
30	Spindle bit set	3	A	

31	Joiner plane	10	A	Hand tool
32	Jack plane	10	B	Ditto
33	Carving tools set	3	B	Ditto
34	Wood lathe tools	5	B	Ditto
35	Allen key set	3	B	Ditto
36	6"wide spade	7	B	Ditto
37	6"wide trenching shovel	7	B	Ditto
38	30m tape measure	7	C	Ditto
39	Spray gun with fitting set	7	C	
Block work , Plastering & Tiling Equipment				
40	12"concrete steel frost	7	A	Hand tool
41	Magnesium finishing float	4	A	Ditto
42	Curving edging tools (exterior)	5	A	Ditto
43	Oval mouth shovel	6	A	Ditto
44	Masonry saw	2	A	Electric tool
45	Hammer drill, (2 speed, Max. 13mm)	4	A	Ditto
46	Demolition hammer drill (heavy-duty)	3	A	Ditto
47	Chisel of different size	1	A	Hand tool
48	Dumpy level set	2	A	Ditto
49	Pinch bar	3	A	Ditto
50	Mobile Scaffolding	2	A	Ditto
51	Internal right angle trowel	3	A	Ditto
52	Gibraltar board joining trowel	4	A	Ditto
53	2'-0" Metal concreting trowel	5	B	Ditto
54	Wheel barrows	5	B	
55	Tile cutter	1	B	Electric tool
Aluminum Joinery Equipment				
56	Metal Cutter (bench type)	1	A	Electric tool
57	Aluminum welding machines	5	A	
58	Sash cramp, 7"	20	A	tool
59	Corner cramp,	20	A	tool

3. Electrical Engineering

No.	Items	Q'ty	Priority	Remarks
1	Cable meter (sample brand :Fluke lan)	2	A	Tester
2	Analog Multi meter	15	A	Ditto
3	Digital meter	15	A	Ditto
4	Manikin (for first Aid CPR)	2	A	
5	Oscilloscope	4	A	Training Equipment
6	DC power supply	4	A	
7	Riveting Gun	4	A	Tool
8	1.5KVA DC generator	1	A	
9	5KVA AC generator	1	A	
10	Motor rewinding machine	1	A	
11	Bearing puller set	2	A	
12	Multi-system TV monitor set	1	A	Class room
13	Battery drilling machine	4	A	
14	Electric Hammer drill	4	A	

15	Ground testers (sample No CA6415)	5	A	
16	Permanently split capacitor single phase	1	A	
17	Capacitor start capacitor run single phase	1	A	
18	Universal motor	1	A	
19	Polyester tool belt	2	A	
20	Marker kit	6	A	
21	12V Solar panel with batteries	6	A	
22	Angle Grinder (Sample Brand: Makita 100mm)	4	A	
23	Battery chargers	2	A	
24	Megger BM100/4 analog insulation testers	6	A	
25	Earth testing accessory kit	6	B	
26	Folding hearing protector	6	B	hearing protector
27	Goggles (sample: 9 ultra vision 9301)	15	B	eye protection
28	Electrician chisel	15	B	
29	Alloy steel cold chisel set	4	B	
30	Compact bolt cutter	6	B	
31	Screwdriver Sets-Stanley	15	B	
32	Soldering Stations-Weller	10	B	
33	Spring Type Bender Set-Rigid	15	B	
34	Pinch Off Tool-Vise-Grip	8	B	
35	Heavy Duty Hand Snips	8	B	
36	Soldering Irons-Cooper Head	12	B	
37	Conduit cutter	12	B	
38	1/4"3/8"Drive Socket Set-38Piece Set	6	B	
39	Ring Spanner Set-Metric and Imperial	4	B	
40	Open-end Spanner Set-Metric and Imperial	4	B	
41	Wire stripper(Automatic)	15	B	
42	Tool pouches with belt	6	B	
43	Combination Sets-Engineers-Starrett	6	B	
44	Nylon Hammer-44mm diameter	12	B	
45	Metric & English Tape Measures-Power lock	12	B	
46	Double Pointed Scriber	6	B	
47	Squares-Combination Try & Miter	6	B	
48	Engineer Square	6	B	
49	Transformer(different types)	4	B	
50	Electrical teaching aids(motor.lights.Magnet)	5	B	
51	Electronic Brock System	15	B	Class room
52	Insulation tester	12	C	
53	Dividers Spring Q/A Nut Toledo536"	6	C	
54	Heavy duty sack barrow	2	C	
55	Combination Twin/triple pullers	2	C	
56	Ratchet Lever hoist	1	C	
57	Wire stripper(manual)	15	C	
58	Spot light(1kw or more)	4	C	

4. Refrigeration & Air conditioning

No.	Items	Q'ty	Priority	Remarks
1	High vacuum pump, (150liter/min,2stage)	5	A	
2	Gauge manifold	15	A	
3	Multi system TV monitor with video	2	A	class room
4	Complete set of computer (with UPS)	1	A	(Department Head)
5	AC controls domestic air conditioning	1	A	Training unit,
6	AC controls commercial air conditioning	1	A	Training unit,
7	Water cool condensing unit with force air Evaporator and demonstration board with	1	A	Demonstration
8	Air cool condensing unit with force air Evaporator and demonstration board with	1	A	Ditto
9	Kit cool room 2400×3000×2200H with condensing unit & evaporators with	1	A	Ditto
10	Kit freeze room 2400×3000×2200H with condensing unit & evaporators with	1	A	Ditto
11	Air condensing unit (Car air conditioner unit)	1	A	training unit
12	Electronic thermo-psychomotor	2	A	
13	Overhead projector	1	A	Class room
14	Overhead projector screen	1	A	Ditto
15	Electronic charging scale	3	B	
16	Charging station,automotive(with couplers,R	3	B	
17	Recovery station (only,1/2HP)	3	B	
18	Recovery & Recycling station	3	B	
19	Sling psychrometer	6	B	
20	Insulation tester	20	B	
21	Analog multimeter,AC/DC with clamp amme	15	B	
22	Digital multimeter,AC/DC with clamp amme	15	B	
23	Temperature recorder	6	B	
24	Refrigeration oil pump	6	B	
25	Mini tube cutter, (1/8"to 5/8" OD)	20	B	
26	Big tube cutter, (1/4" to 1 5/8")	20	B	
27	1/2"lever type tube bender	6	B	
28	5/8"lever type tube bender	6	B	
29	3/4"lever type tube bender	6	B	
30	3"lever type tube bender	6	B	
31	Swaging & flaring kit	6	B	
32	Reversible ratchet spanner	10	B	
33	Mobile complete tool cabinet	10	B	
34	Screw driver set	15	B	
35	Bearing puller (Twin/triple leg)	5	B	
36	3 meters measuring tape	15	B	
37	Portable electric drill,(Max:10mm)	5	B	
38	Hammer drill, (Max13mm)	5	B	
39	Angle grinder	5	B	
40	Bench drilling machine,(13mm)	2	B	
41	Bench grinder, (200mm)	2	B	
42	Linesman pliers	20	B	
43	Long nose pliers	20	B	