

Trade wise Raw Material Requirement

Trade **Mechanic Motor Vehicle**

Sector **AUTOMOTIVE**

Type of Trade **Engineering Non Machine Group**

NSQF Level **5**

Affiliated to **NCVT** SET Trade Code **DGT/1008**

Duration in Years **2**

Intake Per Unit **24**

Raw Material for **First Year Training**

Total Items **347**

Total Amount **136063** Rs.

Per Trainee Amount **5669.292** Rs.

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
1	COTTON WASTE	KG	30	40	1200
2	Hand Glows	No	15	25	375
3	Fire Extinguisher Refill	No	900	4	3600
4	First Aid Kit	No	600	4	2400
5	Lubricating Oil SAE 20W40	ltr	250	60	15000
6	MS Flat 50x10	kg	65	5.20	338
7	Pneumatic Lub Oil	ltr	250	1	250
8	Wheel Nuts 19mm / 21mm Head	each	20	16	320
9	Assorted Size Nut/Bolts Washers	No	5	12	60
10	Emery Papper Rough/Smooth	No	15	6	90
11	Carborrandum Stone	No	55	2	110
12	Cutting Oil	ltr	250	5	1250
13	Auto Wire Bundle	Bundle	350	2	700
14	Fuses Assorted Range	no	10	6	60
15	Relay	no	150	1	150
16	Cutout	no	100	1	100
17	Soldering Flux 200 gm	no	100	1	100
18	Soldering Iron 200 gm	no	200	2	400
19	Electrolye Solution	litr	20	20	400
20	Disstilled water	litr	15	20	300
21	Petrolium Jelly	kg	200	1	200
22	Diodes	No	10	12	120
23	Transistors	each	25	6	150
24	Hydraulic Fluid	litr	550	5	2750
25	Diesel	litr	90	10	900

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
26	Petrol	litr	110	5	550
27	Rustoff Spray	No	250	6	1500
28	Kerosine	litr	60	10	600
29	Emery Paste Rough/Smooth	bottle	300	2	600
30	Cylinder Head Gasket As Required	No	550	1	550
31	Valve Inlet/Exhaust	No	750	4	3000
32	Valve Guide	No	250	8	2000
33	Valve Seat	No	300	8	2400
34	Piston Pin	No	250	4	1000
35	Piston Pin Circlip	No	50	8	400
36	Piston Ring	set	350	4	1400
37	Oil Sump Gasket	No	250	1	250
38	Oil Pump	No	2100	1	2100
39	Big End Bearing	set	350	4	1400
40	Crank Bearings	set	425	1	425
41	Timing Chain/Belt	No	450	1	450
42	Timing Chain/Belt Tensioner	No	250	1	250
43	Timing Cover Gasket	No	75	1	75
44	costic Soda	kg	150	1	150
45	Cylinder Liner	No	3000	4	12000
46	Water Coolant	ltr	250	5	1250
47	Coolant Hose Pipe	No	350	2	700
48	Hose Pipe Clips	No	55	4	220
49	Radiator Presure Cap	No	150	1	150
50	Thermostat Valve	No	450	1	450
51	Thermostat Valve Cover Gasket	No	40	1	40
52	Water Pump	No	2100	1	2100
53	Water Pump Gasket	No	60	1	60
54	Oil Filter	No	90	4	360
55	Oil Pump	No	1800	1	1800
56	Oil Cooler Plate Gasket	No	150	1	150
57	Scilencer Mounting	No	60	6	360
58	Muffler Mounting Bolts	No	40	8	320

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
59	Exhaust Manifold Gasket	No	80	1	80
60	Catalytic "o" ring Metal	No	125	2	250
61	o2 sensor	No	7500	1	7500
62	MAP Sensor	No	1000	1	1000
63	Throtel Position Sensor	No	2700	1	2700
64	Speed Sensor	No	750	1	750
65	Air Intake Temp Sensor	No	1800	1	1800
66	Knock Sensor	No	1200	1	1200
67	Coolant Temp Sensor	No	750	1	750
68	CamPosition Sensors	No	1500	1	1500
69	Fuel Filter	No	250	1	250
70	FIP Mounting Gasket Set	set	150	1	150
71	Alternator Belt/ Radiator Fan Belt	No	400	2	800
72	Injector	No	6000	4	24000
73	Benjo Washers Assorted Size	No	15	6	90
74	EGR Valve	No	6500	1	6500
75	EGR Pipe	No	500	1	500
76	EGR Pipe Clamps	No	100	4	400
77	Alternator Rotor	No	1500	1	1500
78	Alternator Stator	No	1600	1	1600
79	Rectifier	No	2000	1	2000
80	Voltage Regulator	No	1200	1	1200
81	Alternator Brush	No	260	1	260
82	Alternator Bearing	No	285	2	570
83	Startor Stator Winding	No	1400	1	1400
84	Solonoid Switch	No	1300	1	1300
85	Pinion	No	430	1	430
86	Startor Armeture	No	1600	1	1600
87	Startor Bearing	No	450	2	900
89	Flat 50 x 3	kg	45	40	1800
90	Welding Rod 3.15	box	450	2	900

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Sector **AUTOMOTIVE**

Type of Trade **Engineering Non Machine Group**

NSQF Level **5**

Affiliated to **NCVT**

DGET Trade Code **DGT/1008**

Duration in Years **2**

Intake Per Unit **24**

Raw Material for **Second Year Training**

Total Items **353**

Total Amount **156432 Rs.**

Per Trainee Amount **6518 Rs.**

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
1	COTTON WASTE	KG	30	40	1200
2	BREAK OIL	LTR	550	5	2750
3	GREASE	KG	125	10	1250
4	OIL SAE20W40	LTR	280	60	16800
5	CLUTCH PLATE	No	1400	1	1400
6	PILOT BEARING	No	600	1	600
7	PRESSURE PLATE	No	1500	1	1500
8	CLUTCH CYLINDER KIT	No	400	1	400
9	GEAR OIL SAE 40W90	lit	640	50	32000
10	SYNCHROMESH GEAR UNIT AS REQUIRED	SET	532	1	532
11	GEAR BOX BEARINGS ASSORTED AS REQUIRED	SET	1800	1	1800
12	NEEDLE BEARING SET	SET	600	1	600
13	CROSS JOINT	SET	1500	1	1500
14	GREASING NIPPLE	SET	1290	1	1290
15	DIESEL	LTR	90	150	13500

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
16	KEROSINE	LTR	60	40	2400
17	REAR AXEL GASKET SET	SET	600	1	600
18	QUARTER PIN	SET	150	1	150
19	OIL FILTER	SET	160	1	160
20	THROTEL POSITION SENSOR	No	1900	1	1900
21	SPEED SENSOR	No	600	1	600
22	STEERING BOOT	SET	1300	1	1300
23	TIE ROD END	SET	1600	1	1600
24	ST GB GASKET SET	SET	450	1	450
25	ST GB BEARING SET	SET	1600	1	1600
26	Engine Timing Belt As Reqired	No	750	1	750
27	Wheel Bearings Rear & Front	no	950	2	1900
28	Balancing Weights Assorted 12 Eanch	no	450	2	900
29	Shakel Bush Set	set	350	1	350
30	Leaf Spring (if Required)	No	1500	1	1500
31	Shakel Assembly	No	450	1	450
32	Shockabsorber Oil Seal	set	550	1	550
33	Shockabsorber Oil	ltr	800	1	800
34	Shockabsorber Rubber Boot	Set	400	1	400

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
35	Shockabsorber Mounting Rubber Pad	Set	750	1	750
36	Valcanizing Rubber/ Ready Patch	set	110	1	110
37	Valcanizing Solution Tube	No	80	1	80
38	Tubless Tyre Puncture Kit	No	250	1	250
39	Master Cylinder Rubber Kit	No	150	1	150
40	Wheel Cylinder Overhaul Kit	No	80	4	320
41	Master Cylinder	No	2000	1	2000
42	Wheel Cylinder	No	700	4	2800
43	BreakPad	No	1500	1	1500
44	Vaccum Booster Overhaul Kit	No	1200	1	1200
45	Air Compressor Overhaul Kit	No	750	1	750
46	Taflon Tape	No	30	6	180
47	Break sho Assembly	No	450	2	900
48	HP pipe Air Break System As Required	No	2500	5	12500
49	Pressure Relife Valve	No	450	1	450
50	Benjo Nut	No	600	6	3600
51	Benjo Nut Washers	No	100	12	1200
52	Diesel Filter	No	150	1	150
53	Oil Pimp	No	900	1	900

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
54	Fuse 5 Each Assorted	No	500	5	2500
55	Sparkplug	No	250	4	1000
56	Alternator Rectifier	No	350	1	350
57	Soldering Flux 200 gm	No	150	1	150
58	Soldering Iron	No	110	1	110
59	Alternator Brush	set	150	1	150
60	Alternator Belt	No	350	1	350
61	Fan Belt	No	400	1	400
62	Stator Motor Brush	No	350	1	350
63	Solenoid Switch	No	450	1	450
64	Armature	No	1100	1	1100
65	Ring Gear	No	1200	1	1200
66	Pinion	No	550	1	550
67	Head Light Bulbs	No	250	4	1000
68	Tail Lamp Bulbs	No	20	4	80
69	Indicator Bulbs	No	20	4	80
70	Parking Bulbs	No	15	4	60
71	Relay	No	950	4	3800
72	Interior Bulbs	No	20	4	80

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
73	Break Light Switch	No	450	1	450
74	Coolant Temp Sensor	No	500	1	500
75	Dash Board Light Bulbs	No	10	12	120
76	Handbreak Switch	No	450	1	450
77	AC Belt	No	450	1	450
78	AC Gas Rifill Can	No	1100	2	2200
79	AC Oil	litr	1000	1	1000
80	Carbon Brush	set	450	1	450
81	Horn Relay	No	450	1	450
82	Horn Assembly	No	650	2	1300
83	Wiper Blades As Required	No	350	2	700
84	Wiper Water Motor	No	450	1	450
85	Wiper Water Pipe	mt	225	2	450
86	Doorlock Accuator	No	450	4	1800
87	Stereo Wire	mt	55	6	330
88	Stereo Speake & Tweeters	Each	1200	4	4800
89	Rust off Spray Bottle	No	250	6	1500