

Trade wise Raw Material Requirement

Trade **Mechanic Diesel**

Sector **AUTOMOTIVE**

Type of Trade **Engineering Non Machine Group**

NSQF Level **4**

Affiliated to **NCVT**

DGET Trade Code **DGT/1006**

Duration in Years **1**

Intake Per Unit **24**

Raw Material for **First Year Training**

Total Items **136**

Total Amount **160360 Rs.**

Per Trainee Amount **6681.667 Rs.**

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
1	Cotton waste	kg	50	50	2500
2	Cotton Cloth	mtr	50	50	2500
3	Liquid Soap	Ltr	50	20	1000
4	washing Powder	kg	30	12	360
5	washing Soap	Bar	30	25	750
6	cleaning Brush (2 Inch)	nos	20	25	500
7	hydraulik oil	Ltr	20	5	100
8	kerosen	Ltr	75	20	1500
9	First Aid Kit	Nos	500	1	500
10	Wood saw dust	Kg	25	30	750
11	fire Extingusher (DCP AND FOME TYPE Refilling)	Nos	500	2	1000
12	MS FLAT (50X12 mm)	kg	65	90	5850
13	Drill set (1mm to 12 mm)	set	1000	2	2000
14	Drill (8.5 MM)	Nos	100	5	500
15	Tap set (6,8,10mm)	Each	250	1	250
16	Tap set (10 X 1.5 MM)	set	300	3	900
17	Dia (10 mm)	nos	200	2	400
18	Round bar (MS 12 mm)	kg	65	5	325
19	Wheel Nut	nos	20	10	200
20	Tyre Pressure gauge		200	1	200
21	Self locking nut (8mm,10mm,12mm)	each	10	10	100
22	Hexagonal nut with washar (8mm,10mm,12mm)	each	10	10	100

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
23	All types washer (plan, spring, tab, star, internal star)	each	5	5	25
24	All types pin (split, C, E & round)	each	5	5	25
25	Circlip (interna & external)	each	5	5	25
26	HSS Hacksaw Blade	nos	40	25	1000
27	Hacksaw Blade	nos	10	100	1000
28	Wire brush	nos	30	10	300
29	Solder 200 gm	no	200	1	200
30	Flux 100 gm	no	100	1	100
31	Brazing Rod (22 SWG) 500 gm	No	300	1	300
32	Cork Sheet (2X2 fit)	nos	150	2	300
33	Packing/Gasket Paper (oil paper)	No	20	25	500
34	Grease	kg	200	5	1000
35	Sheel Lock liquid (Gasket sealint)	Tube	50	5	250
36	GI Sheet (4x8 24 SWG)	sheet	2000	1	2000
37	Rivets MS	gm	300	2	600
38	Taplon Tape	nos	10	20	200
39	GI Wire (4 mm)	kg	200	1	200
40	MS Tube (10 mm)	kg	200	2	400
41	Sand Paper	nos	20	20	400
42	Silver Brazing Flux	gm	200	100	20000
43	Copper Tube (10 mm)	ft	30	15	450
44	Insulating Sleeve	mtr	20	5	100
45	Lug socket Assorted	nos	20	10	200
46	Copper & aluminium Connector	nos	5	50	250
47	Auto Wire (4 mm red & black)	Each	400	1	400
48	Auto Wire (8 mm red & black)	Each	800	1	800
49	Insulation Tape	nos	10	20	200
50	Assorted Auto Fuse	nos	10	20	200
51	Test Lamp	nos	100	2	200
52	Fusible link	nos	100	2	200
53	circuit breaker	nos	100	2	200

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
54	Automotive switch	nos	100	15	1500
55	Automotive Holder	nos	100	15	1500
56	Automotive Lamp (40 watt)	nos	100	15	1500
57	Automotive Relay (12V X 10 amp)	nos	200	2	400
58	Automotive Relay (24V X 10 amp)	nos	200	2	400
59	Solenoid Switch (12 volt)	nos	200	2	400
60	MCB (16 Amp)	nos	200	2	400
61	Battery acid	lit	30	10	300
62	Distle water	lit	20	10	200
63	Petroliu n jelly	gm	150	250	37500
64	hydrometer	nos	150	2	300
65	cleaning Brush (1 inch)	nos	20	10	200
66	Assorted type of diodes/transister	each	20	5	100
67	Resister	nos	20	5	100
68	MS Strip (50 X 04 mm)	kg	70	15	1050
69	MS Electrods (3.15 mm)	Box	400	2	800
70	MS Electrods (4 mm)	Box	500	1	500
71	Oxigen Cylinder Refilling	nos	300	1	300
72	Acetylene Cylinder Refilling	nos	2000	1	2000
73	Spark Lighter	nos	50	2	100
74	Welding Goggle	nos	100	4	400
75	Iron Powder	kg	200	1	200
76	non destructive testing kit	kit	1000	1	1000
77	Engine oil 15 w 40	lit	250	40	10000
78	Coolant	lit	200	10	2000
79	Diesel	ltr	90	60	5400
80	Petrol	ltr	100	5	500
81	Emmery Cloth Sheet	nos	20	10	200
82	Engine Gasket Set (As required)	set	1200	2	2400
83	Clining Sprey	nos	150	2	300
84	valve grinding stick	nos	50	4	200
85	valve lapping paste	pkt	75	2	150

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
86	head nut (As required)	nos	20	10	200
87	Main Journal bearing (As required)	Set	1000	1	1000
88	Big End bearing (As required)	Set	1000	1	1000
89	Piston Pin (As required)	Set	1000	1	1000
90	Piston Ring (As required)	Set	1000	1	1000
91	Steel plate with rubber pad (engine mounting pad)	Set	1000	1	1000
92	Engine Fan belt (As required)	Nos	250	1	250
93	Timing Belt (As required)	Nos	250	1	250
94	Radiator hose (As required)	Set	250	1	250
95	Hose clamp (As required)	Set	150	1	150
96	Funnel	Nos	100	1	100
97	Radiator Pressure cap	Nos	300	1	300
98	Thermostate valve	Nos	400	1	400
99	Oil filter	Nos	500	1	500
100	Fuel Filter	Nos	500	1	500
101	Air Filter	Nos	300	1	300
102	Oil pump Repaier Kit	Set	500	1	500
103	Coolent pump Repaier Kit	Set	500	1	500
104	Air compressor Repaier Kit	Set	1500	1	1500
105	Turbochager Repaier Kit	Set	1500	1	1500
106	Anti corosive solution	pkt	200	1	200
107	Mainfold Gasket	Nos	150	1	150
108	Fuel pipe	nos	150	4	600
109	Copper Washer(14 mm,17mm & 19mm)	Each	10	6	60
110	Benjo Bolt (14 mm,17mm & 19mm)	Each	20	5	100
111	air vent screw	Nos	10	5	50
112	pvc fuel pipe	Mtr	25	5	125
113	vaccume hose	Mtr	25	1	25
114	Fuel injection Pump Elements	nod	500	4	2000
115	Injector Nozzel	nos	500	4	2000
116	Feed Pump Repair kit	Set	500	1	500
117	Startor Repair kit	Set	500	1	500

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
118	Alternator Repaier kit	Set	500	1	500
119	Bearing Alternator	Nos	500	2	1000
120	pcv valve	Nos	500	1	500
121	Egr Valve	Nos	500	1	500
122	Drain Plug	Nos	500	1	500
123	voltage Regulator	Nos	500	1	500
124	Rectifire	Nos	300	1	300
125	Chalk box White (Dustless)	Nos	100	5	500
126	Chalk box Colour (Dustless)	Nos	100	5	500
127	white board marker (red.biue,green)	Nos Each	20	5	100
128	permanent marker (red.biue,green)	Nos Each	20	2	40
129	A4 paper	rim	200	1	200
130	Mouse and keyboard	No Each	200	1	200
131	Anti vires for PC	Nos	1000	1	1000
132	Power & Data Coad for PC	Nos Each	200	1	200
133	Pen Drive	Gb	500	16	8000
134	white board Duster	Nos	150	1	150
135	Duster	Nos	50	1	50
136	Laser Pointer	Nos	500	1	500