

### Trade wise Raw Material Requirement

Trade **Tool and Die Maker (Press Tools, Jigs and Fixtures)**

Sector **CAPITAL GOODS AND MANUFACTURING**

Type of Trade **Engineering Machine Group**

NSQF Level **5**

Affiliated to **NCVT**

DGET Trade Code **DGT/1039**

Duration in Years **2**

Intake Per Unit **24**

Raw Material for **First Year Training**

Total Item **223**

Total Amount **162976 Rs.**

Per Trainee Amount **6790.66667 Rs.**

S.N	Name of Item	Unit or Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
1	MS U Channel 75X6 mm thickness	kg	68	22	1496
2	MS Flat 62X10 mm	kg	70	50	3500
3	MS Flat 75X6 mm	kg	70	13	910
4	MS Flat Round pipe dia 30x5 mm	kg	65	11	715
5	MS angle 35x7 mm thickness	kg	70	9	630
6	MS Round bar dia 16 mm	kg	72	12	864
7	MS Flat 35x3 mm	kg	70	5	350
8	MS Round bar dia 8 mm	kg	72	5	360
9	MS Flat 60X6 mm	kg	70	10	700
10	MS Flat 50X10 mm	kg	70	18	1260
11	MS Flat 100X16 mm	kg	70	48	3360
12	MS Square 25X25 mm	kg	75	10	750
13	MS Square 16X16 mm	kg	75	14	1050
14	MS Square 12X12 mm	kg	75	9	675
15	MS Round Bar dia 20 mm	kg	72	17	1224
16	Allen Screw M6X20 mm	Nos	14	100	1400
17	Dowel Pin dia 5X20 mm	Nos	16	50	800
18	MS Round Bar dia 32 mm	kg	72	22	1584
19	MS Round Bar dia 25 mm	kg	72	25	1800
20	MS Round Bar dia 40 mm	kg	72	120	8640
21	MS Flat 100X20 mm	kg	70	52	3640
22	MS Round Bar dia 50 mm	kg	72	50	3600
23	Cast Iron Block 65X65X65 mm	Nos	160	25	4000
24	MS Flat 65X20 mm	kg	70	34	2380
25	Cast Iron Block 50X50X50 mm	Nos	145	25	3625

S.N	Name of Item	Unit or Measurement	Rate per Unit in Rs	Qty	Amount in Rs
26	MS Square 40X40 mm	kg	75	42	3150
27	EN-8 or EN-9 Flat 40X16 mm	kg	90	13	1170
28	MS Round Bar dia 20 mm	kg	72	19	1368
29	MS Square 20X20 mm	kg	75	20	1500
30	Cast Iron Block 65X65X65 mm <b>OR</b>	Nos	140	25	3500
31	MS Round Bar dia 60 mm	kg	72	60	4320
32	Allen Screw M6X20 mm	Nos	12	25	300
33	Cotton Waste	kg	60	100	6000
34	Kerosine	Ltr	25	20	500
35	Cleaning Brush 50 mm	Nos	60	10	600
36	Cleaning Brush 75 mm	Nos	72	10	720
37	Chalk Box white and colour	Box	60	5	300
38	Duster	Nos	25	2	50
39	Soap Bar	Nos	12	20	240
40	Caustic Soda	kg	25	5	125
41	Machine Oil No 40	Ltr	220	100	22000
42	Cutting Oil	Ltr	210	20	4200
43	HSS Power saw Blade 18 inch	Nos	450	6	2700
44	Low Carbon Hand Hacksaw Blade 12"X1/2" (24 TPI)	Nos	12	200	2400
45	HSS Hand Hacksaw Blade 12"X1/2" (24 TPI)	Nos	30	100	3000
46	HSS White Bit 1/2" X 1/2"X6"	Nos	1150	6	6900
47	HSS White Bit 3/8"X3/8"X6"	Nos	850	6	5100
48	HSS White Bit 5/8"X5/8"X6"	Nos	1250	6	7500
49	HSS White Bit 3/4"X3/4"X6"	Nos	1450	6	8700
50	HSS White Bit 1/4"X1/4"X6"	Nos	625	6	3750
51	Carbide Tip Tool Turning (RH)	Nos	350	6	2100
52	Carbide Tip Tool Turning (LH)	Nos	350	2	700
53	Carbide Tip Tool V Shape	Nos	410	6	2460
54	Carbide Boring Tool	Nos	350	4	1400
55	Carbide Facing Tool	Nos	360	4	1440
56	Centre Drill 1/8"X5/16"	Nos	350	8	2800

S.N	Name of Item	Unit or Measurement	Rate per Unit in Rs	Qty	Amount in Rs
57	HSS Drill Set (Parallel Shank) 01-12 mm by 0.5 mm	Set	750	2	1500
58	Dies and Tap Set up to 12 mm assorted size (HSS)	Box	1700	1	1700
59	Combination Stone 25X50X150 mm	Nos	160	2	320
60	HSS Parallel shank Drill 4.1,6.8,10.7 mm	Nos	350	2	700
61	Polish Paper rough and smooth	Nos	15	10	150
62	Grinding Wheel AA 180X31.75X13 mm	Nos	350	4	1400
63	Grinding Wheel AA 200X31.75X20 mm	Nos	400	4	1600
64	End mill Cutter 5 mm,6 mm,8 mm,10 mm,12 mm	Nos	1500	2	3000
65	Parting Tool with Holder 2 mm, 3mm, 4 mm	No	1000	1	1000
66	Carbide Insert (Tip) SPKN1203EDR(S4 P30)	Box	600	1	600
67	Countersunk and Counterboring Tool for M6, M8 Screw	each	700	1	700

**Trade wise Raw Material Requirement**

Trade **Tool and Die Maker (Press Tools, Jigs and Fixtures)**

Sector **CAPITAL GOODS AND MANUFACTURING**

Type of Trade **Engineering Machine Group**

NSQF Lev 5

Affiliated to **NCVT**

DGET Trade Code **DGT/1039**

Duration in Years **2**

Intake Per Unit **24**

Raw Material for **Second Year Training**

Total Iter **133**

Total Amount **323642** Rs.

Per Trainee Amount **13485.08** Rs.

S.N.	Name of Item	Unit or Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
1	Cast Iron Block 100x100x50mm	Nos	25	210	5250
2	EN 8/EN 9 Round Bar Dia 25 mm	kg	10	90	900
3	Cast Iron Round Blank Dia 100x50mm	Nos	25	180	4500
4	M.S. Round Bar Dia 50mm	kg	65	72	4680
5	Cast Iron Round Blank Dia 150x35mm	Nos	25	190	4750
6	M.S. Flat 65x10mm	kg	17	70	1190
7	M.S. Round Bar Dia 20mm	kg	5	72	360
8	M.S. Flat 150x12mm	kg	90	70	6300
9	Allen Screw M 12x50mm	Nos	25	25	625
10	Cast Iron Block 80x80x80mm	Nos	25	190	4750
11	M.S. Flat 65x20mm	kg	35	70	2450
12	EN 8/EN 9 Round Bar Dia 25 mm	kg	5	90	450
13	Allen Screw M 6x35mm	Nos	50	15	750
14	Dowel Pin Dia 5x30 mm	Nos	50	18	900
15	Cast Iron Block 70x70x100mm	Nos	25	170	4250
16	M.S Square 40x40mm	kg	28	75	2100
17	Allen Screw M 12x30mm	Nos	50	22	1100
18	Allen Screw M 8x30mm	Nos	50	18	900
19	M.S. Round Bar Dia 50mm	kg	50	72	3600
20	M.S. Flat 50x10mm	kg	15	70	1050
21	M.S. Flat 65x20mm	kg	65	70	4550
22	M.S. Flat 65x16mm	kg	28	70	1960
23	M.S. Round Bar Dia 32mm	kg	15	72	1080
24	Cast Iron Block 100x100x135mm	Nos	25	290	7250
25	M.S Square 40x40mm	kg	28	75	2100

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs	Qty	Amount in Rs
26	Allen Screw M 6x40mm	Nos	50	15	750
27	Allen Screw M 8x35mm	Nos	50	18	900
28	Dowel Pin Dia 6x30 mm	Nos	50	20	1000
29	Aluminium Round Bar Dia 32 mm	kg	9	380	3420
30	Aluminium Flat 100x10 mm	kg	10	380	3800
31	EN 8/EN 9 Flat 100x20 mm	kg	50	90	4500
32	EN 8/EN9 Flat 65x25 mm	kg	40	90	3600
33	M.S Round Bar Dia 30 mm	kg	35	72	2520
34	M.S Round Bar Dia 20 mm	kg	17	72	1224
35	M.S. Flat 100x25 mm	kg	205	70	14350
36	M.S. Flat 100x8 mm	kg	22	70	1540
37	M.S. Flat 100x20 mm	kg	100	70	7000
38	Allen Screw M 6x40 mm	Nos	100	15	1500
39	Allen Screw M 6x50 mm	Nos	100	18	1800
40	Dowel Pin Dia 6x40 mm	Nos	50	20	1000
41	Dowel Pin Dia 6x50 mm	Nos	50	22	1100
42	M.S. Flat 100x25 mm	kg	205	70	14350
43	M.S. Flat 100x20 mm	kg	100	70	7000
44	EN 8/EN 9 Flat 100x20 mm	kg	100	90	9000
45	EN 8/EN 9 Round Bar Dia 16 mm	kg	5	90	450
46	EN 8/EN 9 Flat 20x12 mm	kg	5	90	450
47	M.S. Flat 100x8 mm	kg	16	90	1440
48	M.S.Round Bar Dia 25 mm	kg	25	72	1800
49	M.S.Round Bar Dia 35 mm	kg	26	72	1872
50	M.S.Round Bar Dia 30 mm	kg	17	72	1224
51	Allen Screw M 6x40 mm	Nos	100	15	1500
52	Allen Screw M 6x35mm	Nos	100	14	1400
53	Dowel Pin Dia 6x35 mm	Nos	50	19	950
54	Dowel Pin Dia 6x40 mm	Nos	50	20	1000
55	Solder Gun 25 Watt.	No	1	300	300
56	Solder Wire 22 SWG	No	1	70	70
57	Solder Paste 100 gm	No	1	55	55

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs	Qty	Amount in Rs
58	M.S.Round Bar Dia 30 mm	kg	15	72	1080
59	M.S. Flat 100x25 mm	kg	65	70	4550
60	M.S. Flat 65x20 mm	kg	13	70	910
61	M.S.Round Bar Dia16 mm	kg	6	72	432
62	M.S.Round Bar Dia20 mm	kg	8	72	576
63	M.S. Flat 50x8 mm	kg	5	70	350
64	M.S. Flat 60x12 mm	kg	8	70	560
65	EN 8/EN 9 Round Bar Dia 45 mm	kg	8	90	720
66	EN 8/EN 9 Flat 75x20 mm	kg	8	90	720
67	EN 8/EN 9 Round Bar Dia 10 mm	kg	1	90	90
68	Dowel Pin Dia 6x25 mm	No	15	18	270
69	Dowel Pin Dia 6x50 mm	No	15	22	330
70	EN 8/EN 9 Round Bar Dia 20 mm	kg	5	90	450
71	Allen Screw M 6x30 mm	No	25	14	350
72	Allen Screw M 6x60 mm	No	25	25	625
73	Compression Spring (Spring Steel)	No	25	80	2000
74	M.S. Flat 125x25 mm	kg	90	70	6300
75	M.S. Flat 75x20 mm	kg	32	70	2240
76	M.S. Flat 75x8 mm	kg	9	70	630
77	EN 8/EN 9 Round Bar Dia 40 mm	kg	12	90	1080
78	EN 8/EN 9 Flat 75x16 mm	kg	17	90	1530
79	M.S.Round Bar Dia20 mm	kg	8	72	576
80	M.S.Round Bar Dia30 mm	kg	14	72	1008
81	M.S. Flat 25x8 mm	kg	4	70	280
82	Allen Screw M 6x30 mm	No	25	14	350
83	Allen Screw M 6x25mm	No	25	14	350
84	Dowel Pin Dia 6x25 mm	No	25	18	450
85	Compression Spring (Spring Steel)	No	25	80	2000
86	EN 8/EN 9 Round Bar Dia 16 mm		3	90	270
87	M.S Square 45x45mm	kg	20	75	1500
88	M.S. Flat 65x35 mm	kg	20	70	1400
89	M.S. Flat 65x25 mm	kg	55	70	3850

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs	Qty	Amount in Rs
90	M.S.Round Bar Dia30 mm	kg	12	72	864
91	M.S.Round Bar Dia20 mm	kg	10	72	720
92	Allen Screw M 6x35 mm	No	25	15	375
93	Allen Screw M 6x25 mm	No	25	14	350
94	Dowel Pin Dia 6x25 mm	No	15	18	270
95	Dowel Pin Dia 6x35 mm	No	15	19	285
96	Counter sunk screw M5x10 mm	No	15	8	120
97	M.S.Plate 130x90x45 mm OR Cast Iron B	No	10	430	4300
98	M.S.Round Bar Dia 75 mm	kg	38	72	2736
99	M.S.Round Bar Dia 60 mm	kg	25	72	1800
100	M.S.Round Bar Dia 30 mm	kg	20	72	1440
101	M.S.Round Bar Dia 20 mm	kg	15	72	1080
102	Allen Screw M 6x40 mm	No	25	15	375
103	Allen Screw M 6x30 mm	No	25	14	350
104	Cotton Waste	kg	100	60	6000
105	Kerosine	Ltr	20	25	500
106	cleaning Brush 50 mm	No	10	60	600
107	cleaning Brush 75 mm	No	10	72	720
108	Chalk Box white & colour	Box	5	60	300
109	Duster	Nos	2	25	50
110	Soap Bar	Nos	20	12	240
111	Caustic soda	kg	5	25	125
112	Machine Oil No 40	Ltr	100	220	22000
113	Cutting Oil	Ltr	20	210	4200
114	HSS Power Saw Blade 18 inch	Nos	6	450	2700
115	HSS Hand Hacksaw Blade 12"x 1/2 " (24TPI)	Nos	100	30	3000
116	HSS white Bit 1/2"x1/2"x6"	Nos	8	1150	9200
117	HSS white Bit 3/8"x3/8"x6"	Nos	8	850	6800
118	HSS white Bit 5/8"x5/8"x6"	Nos	8	1250	10000
119	HSS white Bit 3/4"x3/4"X6"	Nos	8	1450	11600
120	HSS white Bit 1/4"x1/4"x6"	Nos	6	625	3750
121	Carbide Tip Tool Turning (RH)	Nos	10	350	3500

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs	Qty	Amount in Rs
122	Carbide Tip Tool Turning (LH)	Nos	2	350	700
123	Carbide Tip Tool V Shape	Nos	10	410	4100
124	Carbide Boring Tool	Nos	5	350	1750
125	Carbide Facing Tool	Nos	5	360	1800
126	Centre Drill 1/8"x5/16"	Nos	8	350	2800
127	Polish Paper Rough & Smooth	Nos	15	15	225
128	Grinding Wheel AA 180x31.75x13 mm	Nos	6	350	2100
129	Parting Wheel 180x31x75x2 mm & 3 mm	Nos	3	210	630
130	End mill Cutter 5 mm, 6 mm, 8mm, 10mm, 12mm, 16 mm	Nos	2	1800	3600
131	Carbide Insert (Tip) SPKN1203EDR (S4 P30)	Box	3	1800	5400
132	CounterBoring Tool for M12 Screw	Nos	1	1000	1000
133	Diamond Dresser 1.5 Carat	Nos	2	350	700