

Trade wise Raw Material Requirement

Trade **Machinist**

Sector **CAPITAL GOODS AND MANUFACTURING**

Type of Trade **Engineering Machine Group**

NSQF Level **5**

Affiliated to **NCVT**

DGET Trade Code **DGT/1016**

Duration in Years **2**

Intake Per Unit **20**

Raw Material for

1st Years

Total Items **77**

Total Amount

315541 Rs.

Per Trainee Amount

15777.05 Rs.

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
1	MILD STEEL (FE 310)75 ISF16 75	KG	70	20	1400
2	MILD STEEL (FE 310)50 ISF10 50	KG	70	6	420
3	MILD STEEL (FE 310)50 ISF10 50	KG	70	6	420
4	MILD STEEL (FE 310)60 ISF10 60	KG	70	8	560
5	MS Ø 25x100	KG	70	1.5	105
6	Al 310 -15A 40x40x6	kg	200	2.5	500
7	CO 3101 -132-100	kg	200	3.2	640
6	MILD STEEL (FE 310)80 ISF10 80	KG	70	13	910
7	MILD STEEL (FE 310)80 ISF10 80	KG	70	13	910
8	MILD STEEL (FE 310) φ50-50	KG	70	24	1680
9	MILD STEEL (FE 310)50 ISF10 70	KG	70	7	490
10	MILD STEEL (FE 310) φ 12-100	KG	70	3	210
11	MILD STEEL (FE 310) φ 12-100	KG	70	3	210
12	MILD STEEL (FE 310)50 ISF10 55	KG	70	6	420
13	MILD STEEL (FE 310) 75 ISF12 75 & 35 ISF12 35	KG	70	22	1540
14	MILD STEEL (FE 310)65 ISF10 100	KG	70	13	910
15	HSS TOOL BIT 12*75*100	No	250	10	2500
16	MILD STEEL (FE 310) φ63-205	KG	111	70	7770
17	MILD STEEL (FE 310) φ50-100	KG	39	39	1521
18	MILD STEEL (FE 310) φ40-100	KG	25	25	625
19	MILD STEEL (FE 310) φ50-30	KG	16	16	256
20	CAST IRONC.I.BLOCK 105*55*35	KG	32	32	1024

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
21	CAST IRONC. I. BLOCK 50*50*30	KG	150	12	1800
22	CAST IRONC. I. BLOCK 50*50*30	KG	150	12	1800
23	MILD STEEL (FE 310) ϕ 40-100	KG	70	25	1750
24	MILD STEEL (FE 310) ϕ 50-30	KG	70	16	1120
25	MILD STEEL (FE 310) ϕ 40-100	KG	70	25	1750
26	MILD STEEL (FE 310) ϕ 40-50	KG	70	15	1050
27	CAST IRONC.I.BLOCK 105*55*35	KG	150	32	4800
28	MILD STEEL (FE 310) ϕ 45-125	KG	70	38	2660
29	MILD STEEL (FE 310) ϕ 45-35	KG	70	13	910
30	CAST IRONC.I.BLANK ϕ 100-30	KG	150	37	5550
31	CAST IRONC.I.BLANK ϕ 120-25	KG	150	70	10500
32	MILD STEEL (FE 310)ISSQ32-120 (MILD STEEL (FE 310))	KG	70	20	1400
33	COTTON WASTE	KG	50	100	5000
34	KEROSENE	LIT	80	20	1600
35	LUBRICATION OIL (HYDRAULIC) 68 NOS	LIT	160	10	1600
36	MACHINE OIL 40 NOS	LIT	120	50	6000
37	GREASE	KG	175	5	875
38	SOLUBLE OIL	lit	200	20	4000
39	POWER SAW BLADE	NOS	1200	5	6000
40	HACK SAW BLADE 24 PI	NOS	10	100	1000
41	HSS TOOL BIT 8*8*150	NOS	1750	24	42000
42	HSS TOOL BIT 12*12*150	NOS	1750	24	42000
43	HSS TOOL BIT 16*16*150	NOS	1750	24	42000
44	HSS TOOL BIT 10*10*150	NOS	1750	24	42000
45	CARBIDE TIP BRAZED TURNING TOOL	NOS	500	20	10000
46	CENTER DRILL	NOS	750	10	7500
47	V BELT AS PER REQUIREMENTS	NOS	75	5	375
48	NUT BOLTS OF DIFFERENT SIZE	NOS	50	100	5000
49	ELECTRIC BULB 100 WATTS	NOS	20	12	240
50	FILE HANDLE 4" & 6"	NOS	20	20	400
51	PERSIAN BLUE (PEST)	NOS	100	2	200

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
52	MACHINE CLEANING BRUSH 50 MM	NOS	50	20	1000
53	MACHINE CLEANING BRUSH 75 MM	NOS	60	20	1200
54	DRAWING PENCIL & RUBBER	NOS	15	10	150
55	REGISTER 2 QUIRES	NOS	70	4	280
56	APRON FOR TRAINEES	NOS	500	20	10000
57	APRON FOR INSTRUCTOR (ONCE IN 2 YEARS)	NOS	500	1	500
58	SKETCH PEN	SET	35	1	35
59	DRAWING PAPER	NOS	25	50	1250
60	CHALK BOX (WHITE)	BOX	30	2	60
61	CHALK BOX (COLOUR)	BOX	35	1	35
62	DUSTER	NOS	60	2	120
63	EMERY CLOTH SMOOTH & ROUGH	NOS	80	20	1600
64	SOAP BAR	NOS	10	20	200
65	GRINDING WHEEL SIZE 180*20*31.75 GRADE A46K5VB	NOS	1500	2	3000
66	GRINDING WHEEL SIZE 180*20*31.75 ALLUMINIUM OXIDE	NOS	1500	3	4500
67	GRINDING WHEEL SIZE 180*20*31.75 GC60K5V8	NOS	1500	2	3000
68	T BOLTS M12*50	NOS	30	24	720
69	ALLEN SCREWS M6*30	NOS	50	24	1200
70	ALLEN SCREWS M8*40	NOS	60	24	1440
71	HAND SANITIZER	LIT	100	10	1000
72	COLIN BOTTLE	NOS	50	5	250
73	PEN DRIVE 64 GB	NOS	1200	2	2400
74	WASHING POWDER	KG	85	20	1700
75	HSS DRILL 0-12 MM IN STEP 0.5 MM	SET	1000	2	2000

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NSQF Level **5**

Affiliated to **NCVT**

DGET Trade Code **DGT/1016**

Duration in Years **2**

Intake Per Unit **20**

Raw Material for **2nd Years**

Total Items **23**

Total Amount **104130 Rs.**

Per Trainee Amount **5206.5 Rs.**

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
1	MILD STEEL (FE 310)ISSQ32-120 (MILD STEEL (FE 310))	KG	70	20	1400
2	CAST IRONC.I.BLANK φ120-25	KG	150	70	10500
3	CAST IRONC.I.BLANK φ120-25	KG	150	70	10500
4	CAST IRONC.I.BLANK φ120-25	KG	150	70	10500
5	MILD STEEL (FE 310)ISF 50*10-95 (MILD STEEL (FE 310))	KG	70	29	2030
6	CAST IRONC.I.BLANK φ120-25	KG	150	70	10500
7	CAST IRONφ28-120	KG	150	15	2250
8	ALUMINUMAL. φ60-75	KG	200	15	3000
9	ALUMINUMAL. φ50-85	KG	200	10	2000
10	ALUMINUMAL. φ50-75	KG	200	10	2000
11	ALUMINUMAL.BLOCK 100*100*10	KG	200	5	1000
12	ALUMINUMAL.BLOCK 100*100*10	KG	200	5	1000
13	ALUMINUMAL.BLOCK 100*100*10	KG	200	5	1000
14	ALUMINUMAL.BLOCK 100*100*10	KG	200	5	1000
15	ALUMINUMAL.BLOCK 100*100*10	KG	200	5	1000
16	ALUMINUMAL.BLOCK 100*100*10	KG	200	5	1000
17	ALUMINUMAL.BLOCK 100*100*10	KG	200	5	1000
18	CAST IRONC.I. BLANK φ70-100	KG	150	70	10500
19	CAST IRONISRO 100-60 (FG 15)	KG	150	95	14250
20	CAST IRONφ130-25 (FG 15)	KG	150	80	12000
21	CAST IRONC.I.BLANK φ50-20	KG	150	10	1500
22	MILD STEEL (FE 310)ISRO 45-135 (MILD STEEL (FE 310))	KG	70	40	2800
23	MS(FT)310)155φ 32-120cms(Fe310)	kg	70	20	1400