

Trade wise Raw Material Requirement

Trade **Foundryman**

Sector **CAPITAL GOODS AND MANUFACTURING**

Type of Trade **Engineering Non Machine Group**

NSQF Level **4**

Affiliated to **NCVT**

DGET Trade Code **DGT/1031**

Duration in Years **1**

Intake Per Unit **24**

Raw Material for **1 Years**

Total Items **269**

Total Amount **209152 Rs.**

Per Trainee Amount **8714.667 Rs.**

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
1	Hard Coke BP Ludhiyana	Kg	20	1000	20000
2	Cast Iron Scrap	Kg	60	200	12000
3	Aluminium Scrap Ingot	Kg	135	200	27000
4	Copper Scrap	Kg	425	100	42500
5	Brass Scrap	Kg	325	50	16250
6	TIN	Kg	60	50	3000
7	ZINK	Kg	178	5	890
8	LEAD	Kg	145	5	725
9	Natural Moulding Sand 50 Kg	Bag	5	15	75
10	Silica Sand Fine 50 Kg	Bag	10	10	100
11	Silica Sand Medium 50 Kg	Bag	8	10	80
12	Silica Sand Cores 50	Bag	7	10	70
13	Bentonite Powder 50 Kg	Bag	15	10	150
14	Coal Dust 50 Kg	Bag	9	5	45
15	Partings Sand 50 Kg	Bag	5	10	50
16	Fire Glay 50 Kg	Bag	2	5	10
17	Graphite Poedwe 50 Kg	Bag	80	10	800
18	Dextrin 50 Kg	Bag	28	5	140
19	Soda	Kg	150	5	750
20	Frend Chalk Powder	Bag	12	5	60
21	Linsed Oil	Ltrs	160	20	3200
22	Kerosene	Ltrs	40	25	1000
23	Molases	Kg	52	50	2600
24	Sodium Silicate	Kg	10	25	250
25	Fevicol	Gm	0.35	250	87.5
26	Furnace Oil	Ltrs	35	200	7000

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
27	Plumbago Coating Powder (Mould	Kg	50	50	2500
28	Cottong Waste	Kg	20	50	1000
29	G.I. Wire (18 Guage or 20 Guage)	Kgs	5.5	5	27.5
30	Hacksaw Blade 24 TPI	Nos	6	24	144
31	Wire Brush 4 Row	Nos	100	12	1200
32	Nail 1", 2"	Kg	50	1	50
33	Silk Cloth	Mtrs	80	25	2000
34	IUTF	Kgs	40	5	200
35	Co2 Gas Cylinder	Cyl	2500	1	2500
36	Painting Brush 3"-2"	Nos	50	4	200
37	Chaplets "Assorted Size"	Kg	15	1	15
38	File Handle	Nos	20	8	160
39	Hammer Handle	Nos	30	16	480
40	M.S. Flat 75x10	Kg	60	5	300
41	M.S.Round Bar 10MM	Bag	60	2	120
42	Hard Wood / Teak Wood 50x25	Mtr	100	10	1000
43	Fire Wood	Kg	8	200	1600
44	Hand Glows (Leather)	Pairs	90	24	2160
45	Foundry Goggals	Nos	70	24	1680
46	Foundry Boots	Nos	500	24	12000
47	First Aid Kit Items	No	800	1	800
48	Fire Clay Bricks 18"X24"=18D	Nos	20	200	4000
49	Fire Clay Bricks (Rectangular)	Nos	20	200	4000
50	Crucible 60 No.	Nos	1500	4	6000
51	Crucible 40 No.	Nos	1200	4	4800
52	Crucible 30 No.	Nos	1000	4	4000
53	Crucible 20 No.	Nos	1000	4	4000
54	Crucible 10 No.	Nos	1000	4	4000
55	M.S.Mesh for riddles 80 No., 100 No.	Ft	40	15	600
56	Emmery Paper	Nos	20	15	300
57	Degassing Tablets	Kg	300	2	600
58	Apron (Leather)	Nos	250	10	2500
59	Core Gum	Kg	50	5	250
60	Casting Wax	Kg	430	5	2150

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
61	Casting (Asbestos)	Nos	100	10	1000
62	Apron (Fron Instructor) (Once in 2	Nos	200	1	200
63	White Chalk	Box	15	5	75
64	Colour Chalk	Box	28	1	28
65	Soap Bar	Nos	20	12	240
66	Duster	Nos	20	2	40
67	Plastic Bucket 20 Ltr	Nos	200	4	800
68	Cleaning Brush (Kharata)	Nos	50	12	600