

### Trade wise Raw Material Requirement

Trade **Plumber**

Sector **PLUMBING**

Type of Trade **Engineering Non Machine Group**

NSQF Le 4

Affiliated to **NCVT**

DGET Trade Code **DGT/1014**

Duration in Years **1**

Intake Per Unit **24**

Raw Material for **First Year Training**

Total Ite **215**

Total Amount **246954** Rs.

Per Trainee Amount **10289.75** Rs.

S.N.	Name of Item	Unit of Measurement	Rate per Unit in	Qty	Amount in Rs
1	M.S. Flat 75 x 10mm	kg	70	16	1120
2	Hand Hack-saw Blade ½" x ½" x 24 TPI HSS	Number	60	200	12000
3	M.S. Pipe dia 27x3 mm	kg	72	12	864
4	M.S. Flat 50x 10mm x55	kg	70	8	560
5	M.S. Flat 80 x 10mm	kg	70	20	1400
6	M.S. Flat 50 x 15mm	kg	70	16	1120
7	Coolant	Liter	250	2	500
8	Hand Gloves Pair	Number	40	25	1000
9	Safety Goggles	Number	25	70	1750
10	M.S. Flat 75 x 20mm	kg	70	8	560
11	Prussian blue 200 ML	ML	100	1	100
12	M.S. Round Bar Ø 50	kg	70	8	560
13	Copper Sulphate solution	Liter	300	1	300
14	M.S. Flat 65 x 10mm	kg	424	16	6784
15	S.S. Strip 50 x 02mm x100 mm	kg	90	3	270
16	Bright Bar Ø12 x200 mm	kg	71	20	1420
17	Bright Bar Ø20 x200 mm	kg	218	20	4360
18	M15 Lock Nut,	Number	55	60	3300
19	Self lock nut M 15	Number	40	12	480
20	swan nut M 15	Number	58	12	696

S.N.	Name of Item	Unit of Measurement	Rate per Unit in	Qty	Amount in Rs
21	Castle nut M 15	Number	60	12	720
22	Slotted nut M 15	Number	60	12	720
23	G.I. Pipe with socket & spigot 100 mm	Meter	900	6	5400
24	G.I. Pipe 15 mm Class C	Meter	153	50	7650
25	G.I. Union 15 mm	Number	28	6	168
26	G.I. Cross tee 15 mm	Number	61	4	244
27	G.I. Tee 15 mm	Number	28	12	336
28	G.I. Socket 15 mm	Number	23	24	552
29	G.I. Elbow 15 mm	Number	28	48	1344
30	G.I. Bend 15 mm	Number	58	6	348
31	G.I. Reducer 15 mm x25 mm	Number	28	4	112
32	Brass Bib cock 15 mm	Number	250	4	1000
33	Brass Gate Valve 15 mm	Number	300	4	1200
34	Globe valve 15 mm	Number	300	4	1200
35	G.I. Hex nipple 15 mm	Number	25	12	300
36	M.S. Pipe $\varnothing$ 25 x 03mm (WT)	kg	118	13	1534
37	M.S. Pipe $\varnothing$ 50 x 03mm (WT)	kg	296	20	5920
38	3.15mm Welding Rod Box	Number	340	4	1360
39	G. I. Sheet 22 Gauge 4' x 6'	Number	1780	1	1780
40	Soldering Stick 60 x 80	Number	1580	1	1580
41	Sulfuric Acid	Liter	90	1	90
42	Navsagar	Kilogram	200	1	200
43	Soldering Flux	Kilogram	350	1	350
44	M. S. Strip 50 x 3.15mm	kg	296	8	2368
45	Branzotetic Flux	Number	450	1	450
46	C.C.M.S. Filler Rod 1.6mm	Kilogram	100	5	500
47	Deodar Wood 200 x 30mm	Meter	165	9	1485

S.N.	Name of Item	Unit of Measurement	Rate per Unit in	Qty	Amount in Rs
48	Deodar wood 60 x30 mm	Meter	38	25	950
49	Favicol	Kilogram	200	1	200
50	Bricks 9" x 4"x 3(230 x110x70 mm)	Number	7	1000	7000
51	Cement 53 Grade Bag	Number	400	6	2400
52	Fine Sand 1/2 Brass	Number	8500	1	8500
53	Stone Agreegate 10 mm 1/2 Brass	Number	4000	1	4000
54	Damp Proofing Liquid	Kilogram	300	1	300
55	G. I. Pipe 25mm $\emptyset$ Class C	Meter	288	6	1728
56	C. I. Pipe 100mm $\emptyset$ x 2 Meter Length	Number	1200	3	3600
57	C. I. Pipe 50mm $\emptyset$ x 2 Meter Length	Number	1000	3	3000
58	AC pipe 100 mm $\emptyset$	Meter	300	6	1800
59	PVC 4 kg Pipe 110 mm	Meter	120	12	1440
60	PVC Pipe 15 mm 4 kg	Meter	60	9	540
61	HDPE pipe 110 mm PN -10	Meter	90	9	810
62	HDPE Moulded Bend & Tee 110 mm 2 Nos. each	Number	100	4	400
63	HDPE Fabricated Bend & Tee 110 mm 2 Nos. each	Number	100	4	400
64	PVC pipes 4 kg/cm <sup>2</sup> 25 mm	Meter	50	8	400
65	PVC Fillar Rod	Kilogram	200	1	200
66	P.P.R. PIPE 1" $\emptyset$ SDR 11	Meter	112	12	1344
67	P.P.R. SOCKET 1" $\emptyset$	Number	25	12	300
68	P.P.R. ELBOW 1" $\emptyset$	Number	34	12	408
69	P.P.R. TEE 1" $\emptyset$	Number	52	12	624
70	P.P.R. Adaptor 1" $\emptyset$	Number	35	12	420
71	P.P.R. 45 Degree ELBOW 1" $\emptyset$	Number	105	12	1260
72	P.P.R. REDUCER SOCKET 1" $\emptyset$ x 1/2" $\emptyset$	Number	26	6	156
73	P.P.R. CROSS 1" $\emptyset$	Number	140	12	1680

S.N.	Name of Item	Unit of Measurement	Rate per Unit in	Qty	Amount in Rs
74	P.P.R. END CAP 1" Ø	Number	24	12	288
75	P.P.R. UNION 1" Ø	Number	215	12	2580
76	P.P.R. REDUCER ELBOW 1" Ø	Number	35	12	420
77	P.P.R. PIPE CLIP 1" Ø	Number	15	24	360
78	Flange Type Cast Iron Pipe 100 mm Ø, 1 meter length	Number	900	4	3600
79	Flange type Bend 100 mm	Number	900	2	1800
80	Flange type Tee 100 mm	Number	900	2	1800
81	Socket & Spigot end type CI pipe 100 mm	Meter	1200	6	7200
82	Lead	Kilogram	200	20	4000
83	Coal	Kilogram	27	20	540
84	Kerosine	Liter	70	5	350
85	Jute	Kilogram	50	2	100
86	AC Pressure pipe 100 mm Ø 3 meter length	Number	300	4	1200
87	Detachable collar jointer with Rubber ring & socket 100 mm	Number	300	2	600
88	Ductile Iron (DI) Pipe with Rubber ring.100 mm Ø , 2 meter length	Number	1600	4	6400
89	Threaded Flange 15 mm	Number	50	6	300
90	Rubber Ring flange gasket 15 mm	Number	40	6	240
91	UPVC 15 mm pipe 40 sch	Meter	40	12	480
92	UPVC 15 mm Plain Elbow & Threaded elbow 18 each	Number	17	36	612
93	UPVC 15 mm Tee	Number	15	12	180
94	UPVC 15 mm MTA	Number	14	12	168
95	UPVC 15 mm FTA	Number	14	12	168
96	UPVC 15 mm Socket	Number	14	12	168
97	UPVC 15 mm Threaded plug	Number	15	20	300
98	UPVC 15 mm Offset Bend	Number	30	4	120
99	UPVC Solvant Cement 250 ML	Number	300	1	300

S.N.	Name of Item	Unit of Measurement	Rate per Unit in	Qty	Amount in Rs
100	Taflon Tape 10 Meter	Number	20	40	800
101	Water testing kit	Number	600	1	600
102	Hummed Pipe ( Plain RCC Pipe) Ø 100 mmx 2 meter length	Number	400	3	1200
103	RCC Coller 100 mm	Number	100	4	400
104	GI Elbow 25 mm	Number	50	24	1200
105	GI pipe "B" Class 25 mm Ø	Meter	200	12	2400
106	GI Bend 25 mm Ø	Meter	100	6	600
107	GI Tee 25 mm Ø	Number	60	6	360
108	GI Union 25 mm Ø	Number	80	6	480
109	GI Socket 25 mm Ø	Number	60	6	360
110	GI plug 25 mm Ø	Number	20	6	120
111	PVC Foot Valve 25 mm Ø	Number	100	2	200
112	NRV 25 mm Ø	Number	300	2	600
113	Gate valve 25 mm Ø	Number	300	4	1200
114	Foundation bolt M 8 x 100 mm	Number	50	4	200
115	GI Pipe 20 mm Ø "C" class	Meter	160	6	960
116	Oil 40 no	Liter	325	3	975
117	UPVC pipe 80 SCH 25 mm Ø	Meter	90	6	540
118	UPVC pipe 80 SCH 15 mm Ø	Meter	50	6	300
119	Gully trap PVC with cover 100 mm Ø	Number	500	2	1000
120	PVC inspection chamber with frame 24 x18	Number	600	2	1200
121	Drainage cast iron pipe 75 mm Ø, 3 Meter length	Number	1000	2	2000
122	Drainage 75 mm Ø single Y	Number	200	2	400
123	Drainage 75 mm Ø Bend	Number	200	4	800

S.N.	Name of Item	Unit of Measurement	Rate per Unit in	Qty	Amount in Rs
124	Drainage 75 mm Ø cowl	Number	200	2	400
125	Mirror 300 mm	Number	200	4	800
126	Drain Testing Rubber Ball	Number	200	2	400
127	Drain Rubber Plug	Number	200	4	800
128	Oil of Paper Mint	Liter	200	1	200
129	Sound rod	Number	500	2	1000
130	Chalk Powder	Kilogram	100	1	100
131	Air Relief valve 15 mm Ø	Number	500	2	1000
132	Perforated chamber cover With frame 1000mmx 1000mm	Number	1000	2	2000
133	Brass Stop Cock 15 mm Ø	Number	300	4	1200
134	Brass Angle cock 15mm Ø	Number	250	4	1000
135	Brass heavy Pillar cock 15mm Ø, 650 gram	Number	300	4	1200
136	Mixer cock with shower head & Bend	Number	1800	2	3600
137	Single lever Diverter 15 mm Ø	Number	2200	1	2200
138	Flush Valve Push Type 32 mm Ø Brass	Number	2000	1	2000
139	Conceald stop cock cock 15 mm Ø	Number	700	2	1400
140	Gate Valve brass 15 mm Ø	Number	400	2	800
141	Globe valve 15mm Ø Brass	Number	300	2	600
142	Sluice Valve 50 mm Ø	Number	1300	1	1300
143	Rubber Gasket packing 15mm & 25 mm, 5Nos. Each	Number	10	10	100
144	Spindle Quarter Turn ceramic disc	Number	50	6	300
145	M-seal	Number	20	4	80
146	Sensor cock 15 mm Ø	Number	4000	1	4000
147	Brass Ferrule Valve 15 mm Ø	Number	350	2	700
148	Stainer Valve 15 mm Ø	Number	350	2	700
149	Water Meter Brass Type B 15 mm Ø	Number	1200	2	2400
150	Bath Tub Acralic 5 Feet( 1500mm )	Number	5000	1	5000

S.N.	Name of Item	Unit of Measurement	Rate per Unit in	Qty	Amount in Rs
151	Wash Basin 450 mm	Number	350	2	700
152	Wash Basin Waste coupling 32mm Ø	Number	100	2	200
153	Wash Basin Waste pipe 32mm Ø	Number	60	4	240
154	Bottale Trap Polimer 32mm Ø	Number	400	2	800
155	PVC Connection 450 mm x 15mm	Number	120	4	480
156	Rag bolt Stainless Steel 10 x 100mm	Number	140	4	560
157	Orisa type WC pan with trap 600mm	Number	700	4	2800
158	Wall Hung WC with Stand , Seat cover ,Flush tank ,	Number	4500	1	4500
159	Health faucet ABS material	Number	300	2	600
160	Commode jet	Number	300	2	600
161	P type Commode with seat cover	Number	1500	1	1500
162	White cement	Kilogram	100	5	500
163	PVC pipe 40 mm	Meter	30	6	180
164	90 Degree PVC Elbow 40mm	Number	25	6	150
165	45 Degree PVC Elbow 40 mm	Number	25	6	150
166	PVC Plug 40 mm	Number	25	4	100
167	PVC Tee 40mm	Number	25	4	100
168	PCV solvent cement 100 ml	Number	50	1	50
169	Dual Flush Tank	Number	600	4	2400
170	Urinal pot big size	Number	1000	1	1000
171	Urinal Sensor cock	Number	2000	1	2000
172	S.S. Kitchen Sink with waste coupling	Number	1200	1	1200
173	Kitchen sink Bracket	Number	200	2	400
174	SWR Pipe 110 mm	Meter	60	18	1080
175	SWR Plain Bend 110 mm	Number	90	6	540
176	SWR Door Bend 110 mm	Number	90	4	360
177	SWR Single Y 110 mm	Number	90	4	360
178	SWR 45 Degree Bend 110 mm	Number	90	4	360
179	SWR Vent Cowl 110 mm	Number	90	2	180
180	SWR Clamp 110 mm	Number	20	12	240

S.N.	Name of Item	Unit of Measurement	Rate per Unit in	Qty	Amount in Rs
181	Concreat Nails 50 mm & 75 mm, 2Kg. Each	Kilogram	150	4	600
182	GI Clamp 100 mm & 75 mm, 2 Dozen each	Number	50	4	200
183	Gi Clamp 15mm & 25 mm, 2 Dozen each	Number	25	4	100
184	PVC Pipe 20mm 6 Kg/cm2	Meter	40	12	480
185	Rain water Gutter pipe 200 mm FRP	Meter	150	6	900
186	SWR Pipe 75 mm	Meter	50	18	900
187	SWR Plain Bend 75 mm	Number	70	4	280
188	SWR Door Bend 75 mm	Number	70	4	280
189	SWR Single Y 75 mm	Number	100	2	200
190	SWR Bend 45 Degree 75 mm	Number	70	2	140
191	SWR Vent Cowl 75 mm	Number	70	2	140
192	SWR Clamp 75 mm	Number	10	6	60
193	SWR Nahani Trap 75 mm	Number	150	4	600
194	SWR Multi floor Trap 75 mm	Number	160	2	320
195	U Clamp 15,25,75,100 mm, 1 Dozen each	Number	150	4	600
196	Sloted Clamp 300 mm	Number	200	4	800
197	CPVC Pipe 20 mm Ø SDR 14	Meter	60	12	720
198	CPVC Elbow 20 mm Ø	Number	20	12	240
199	CPVC 20 mm X 15 mm Threaded Elbow	Number	30	12	360
200	CPVC 20 mm 45 Degree Elbow	Number	20	6	120
201	CPVC 20 mm Tee	Number	20	12	240
202	CPVC 20 mm MTA & FTA	Number	20	12	240
203	CPVC 20 mm Socket	Number	20	12	240
204	CPVC 20 mm Union	Number	40	4	160
205	CPVC 20 mm Ball Valve	Number	200	4	800
206	CPVC 20 mm x 15 mm Threaded Tee	Number	45	4	180
207	CPVC Clamp 20 mm	Number	10	12	120
208	CPVC Solvent Cement 200 ml	Number	300	1	300
209	PTMT Float Valve 15 mm	Number	150	2	300
210	Drainage cleaning Liquid	Liter	200	2	400
211	HCL	Liter	200	2	400



S.N.	Name of Item	Unit of Measurement	Rate per Unit in	Qty	Amount in Rs
212	Emary Paper Rough & Smooth 12 No. each	Number	10	24	240
213	Thinner	Liter	200	2	400
214	Oil Paint	Liter	200	1	200
	Note- Valve cocks,CI and DI pipe ,Sanitary wares can be used multiple times				