

**Trade wise Raw Material Requirement**

Trade **Instrument Mechanic (Chemical Plant)**

Sector **CHEMICALS AND PETROCHEMICALS**

Type of Trade **Engineering Non Machine Group**

NSQF Level **5**

Affiliated to **NCVT**

DGET Trade Code **DGT/1057**

Duration in Years **2**

Intake Per Unit **20**

Raw Material for **First Year Training**

Total Items **32**

Total Amount **25820 Rs.**

Per Trainee Amount **1291 Rs.**

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
1	Hand Gloves	Number	500	20	10000
2	Safety shoes	Number	330	1	330
3	Mask	Number	30	1	30
4	Ear Plug	Number	250	1	250
5	Helmet	Number	300	1	300
6	Safety Jacket	Number	450	1	450
7	First Aid Box	Number	1200	1	1200
8	M.S. Flat (50 x 6 mm)	Meter	225	12	2700
9	M.S. Flat (50 x 10 mm)	Meter	225	12	2700
10	Hacksaw Blade	Number	80	20	1600
11	Cotton Waste	Kilogram	50	10	500
12	battery (9 V)	Number	30	2	60
13	Copper sulphate	Kilogram	180	1	180
14	Nitric Acid (HNO3)	Liter	350	1	350
15	Hydrochloric acid (HCl)	Liter	500	1	500
16	Sulphuric acid (H2SO4)	Liter	90	1	90
17	Sodium Hydroxide (NaOH)	Kilogram	150	1	150
18	Wire Brush	Number	50	5	250
19	Sodium Chloride (NaCl)	Kilogram	90	1	90
20	Citric Acid	Liter	100	1	100
21	Coconut Oil	Liter	150	1	150
22	Litmus Paper	Number	50	2	100
23	Filter Paper	Number	50	2	100
24	Sulphur Powder	Kilogram	50	1	50
25	Iron Powder	Kilogram	70	1	70

S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
26	Copper Powder	Kilogram	700	1	700
27	Distilled Water	Liter	60	2	120
28	Lubricating Oil	Liter	450	1	450
29	Cutting Oil	Liter	450	1	450
30	Grease	Kilogram	150	1	150
31	G.I Pipe (1/2)"	Meter	100	12	1200
32	Fire extingusher	Number	450	1	450

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S.N.	Name of Item	Unit of Measurement	Rate per Unit in Rs.	Qty	Amount in Rs
1	Pipe Fittings (different Types)	Number	80	18	1440
2	Lubricating Oil	Liter	450	1	450
3	Grease	Kilogram	150	1	150
4	G.I Pipe (1/2)"	Meter	100	1	100
5	Machine Oil	Liter	450	1	450
6	Fire extinguisher	Number	450	1	450
7	Kerosene/diesel	Liter	100	1	100
8	Wire Brush	Number	50	1	50
9	Polish paper	Number	35	1	35
10	Cotton Duster	Number	20	1	20
11	Antirust Sprey	Number	400	1	400
12	Teflon Tape	Number	25	12	300
13	Mercury	Kilogram	2500	1	2500
14	Cotton waste	Kilogram	50	1	50