

GOVERNMENT OF KARNATAKA
DEPARTMENT OF INDUSTRIAL TRAINING & EMPLOYMENT
IMC OF GOVT. ITI (WOMEN) MANGALORE

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 Ref. No. GITIW/IMC/STRIVE/PUR/MRAC/Enq-3/2023-24

Dated: 31-07-2023

Sl.No	Category	DGET SYLLABUS SL.NO	Name of Items	Specification	Total requirement (in Nos.)
1	2	3	4	5	9
1	Tools	4	Fine flat double cut smooth	length 150 mm	8 Nos.
2	Tools	17	Pliers combination insulated	length 200 mm	16 Nos.
3	Tools	18	Pliers long nose	200 mm	50 Nos.
4	Tools	20	Line tester	500 V heavy duty	16 Nos.
5	Tools	21	Tweezers	10 cm	50 Nos.
6	Instrument	26	Hacksaw tubular metal frame adjustable	300 mm	2 Nos.
7	Instrument	27	Snip sheet metal straight nose	200 mm	2 Nos.
8	Instrument	28	Snip sheet metal curved nose	200 mm	2 Nos.
9	Instrument	39	Soldering iron exchangeable copper tip	65 watts	4 Nos.
10	Instrument	40	Knife folded stainless steel	150 mm	12 Nos.
11	Instrument	42	Tenon saw	250 mm	5 Nos.
12	Instrument	49	Quick couples, process tube adopter	1/4"	4 Nos.
13	Instrument	49	Quick couples, process tube adopter	3/8"	4 Nos.
14	Instrument	50	Tong close mouth and pick	--	1 Nos.
15	Instrument	64	Wrench adjustable	250 mm	5 Nos.
16	Instrument	66	(Hollo) Punch hole for cutting gasket	4.7 - 16 mm dia	2 set
17	Instrument	86	Piercing valve	1/4 "	2 Nos.
18	Instrument	87	Feeler gauge	0.05 mm to 1 mm	3 Nos.
19	Instrument	88	Four way reversible valve	-	1 Nos.
20	Instrument	89	Vernier height gauge mitutoyo	300 mm LC 0.02	1 Nos.
21	Instrument	93	Megger	1000V	5 Nos.
22	Instrument	94	Watt meter multi range up	0.1.5.3 kw pressure coil rating 240 v / 440v current rating 5A / 10 A analog portable type house in back lite case	1 Nos.
23	Instrument	105	Electronic leak detector	--	2 Nos.
24	Instrument	112	Micron vaccum gauge	Capable of reading up to 20 microns	2 Nos.
25	Instrument	116	Wire gauge metric	steel plate embossing converse of metric	2 Nos.
26	Instrument	116	Wire gauge British	steel plate embossing converse of british	2 Nos.
27	Instrument	120	Digital thermometer		1 Nos.
28	Equipment	125	BLDC motor with controller	15-30 watts 315 volt DC	2 Nos.
29	Equipment	126	IDU pulse generation type motor	15 watt, 230 volt AC	2 Nos.
30	Equipment	137	Core drill machine	3500 W, 700 r/min, dia 200 mm	1 Nos.
31	Equipment	139	Grinding machine with stand	200 mm, 300 mm rpm Double ended 1/2 HP & starter	1 Nos.
32	Equipment	140	Evacuating and refrigerant charging station consist of a) Rotary two stage vaccum pump and motor b) Manifold with gauges and valve and capable of pulling vaccum up to 50 microns of HG and with provision of connecting to a microns level vaccum gauge c) Graduated charging cylinder with provision for temperature, correction, all necessary isolating valve but fitted with weighing scale	(CAP 2 kg in lieu of above and with accuracy of + / - for charging hydrocarbon)	1 Nos.
33	Equipment	144	Window A.C.	1 Ton with R-22 blend reciprocating compressor	2 Nos.
34	Equipment	145	Split A.C	1.5 ton with R 134A or R-22 reciprocating compressor	2 Nos.
35	Equipment	148	Decibel meter	30-100 dp	1 Nos.
36	Equipment	155	Gauge manifold with gauges	Different size of hoses for R 134 a,	1 Nos.
37	Equipment	155	Guage manifold with gauges	for R 22,	1 Nos.
38	Equipment	155	Guage manifold with gauges	for R 410	1 Nos.
39	Equipment	160	Display cabinet	2 ton capacity	1 Nos.

40	Equipment	167	Car AC components (Full kit) a) Wobble plate compressor with mounting brackets b) Sepentine Evaporator c) Parallel flow condenser d) Hoses, tubes, receiver expansion valve e) Electrical components & wiring harness	--	1 set
41	Equipment	176	Absorption system	small size	1 Nos.


Secretary

Institute Management Committee
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