

Standard list

Fishing Boat Mechanic

SECTOR: Agriculture

REFERENCE ID: AGR/Q5103



State Council of Educational Research and Training(SCERT)
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This list of equipment, tool, furniture&consumablesare prepared for a batch of 30 students

Part A - EQUIPMENTS			
SL NO	NAME	SPECIFICATION	QUANTITY
1	4 stroke Diesel engine Multicylinder (Old, working)	1000 to 1500 CC	1
2	Out Board Engine 2 Stroke	8 HP	1
3	Out Board Engine 4 Stroke, Electric start	8 HP	1
4	Air Compressor with electric motor	Reciprocating, two stage,2HP, 50 liter, 8 bar	1
5	Battery load tester	Digital, 24v	1
6	Hydrometer	Standard	2
7	Piston Ring Expander	120 mm	1
8	Piston Ring compressor	Below 200mm	1
9	Puller	3 Jaws,12"	1
10	Bench Vice	6"	1
11	Pipe Vice	2"	1
12	Scriber	Straight	2
13	Torque wrench	12.5 mm, 10-150 Nm	1
14	Pipe Wrench	14"	1
15	Try Square	9"	2
16	Steel Rule	12"	2
17	Vernier Caliper	0 - 100mm	2
18	Outside Screw Gauge	25 mm	2
19	Inside caliper	6"	2
20	Outside caliper	6"	2
21	Feeler Gauge	0.05 - 1 mm	2
22	Prick Punch	Standard	2
23	Centre Punch	Standard	2
24	Snips	4"	2
25	Flat Chisel	20 X2 cm	2
26	Cross Cut Chisel	6 cm	1
27	Half Round Chisel	7 cm	1
28	Diamond Point Chisel	8 cm	1

29	Side Chisel	9 cm	1
30	File - Flat (Rough)	12"	2
31	File - Flat (Smooth)	12"	2
32	File - Half Round	12"	2
33	File - Round	12"	2
34	File - Triangular	12"	2
35	File - Square	12"	2
36	File - Triangular	12"	2
37	Hack saw frame - Solid	Standard	1
38	Hack saw frame - Adjustable	Standard	1
39	Hammer - Ball Peen	0.5 Kg	1
40	Hammer - Claw	250 Gm	1
41	Hammer - Straight peen	250 Gm	1
42	Hammer - Cross Peen	250 Gm	1
43	Hammer - soft (wooden)	Medium Size	1
44	Screw Driver - Phillips head	Full Set-Heavy Duty	1
45	Screw Driver - Flat	Full Set-Heavy Duty	1
46	Screw Driver - Phillips head	Full Set-Medium Duty	1
47	Screw Driver - Flat	Full Set-Medium Duty	1
48	Plier - Cutting	standard	2
49	Plier - Combination	standard	2
50	Plier - Circlip (Inside)	standard	2
51	Plier - Circlip (Outside)	standard	2
52	Plier - Nose	standard	2
53	Spanner-Double End Open	6 - 32 mm Set	2
54	Spanner-Ring	7 - 32 mm Set	2
55	Spanner-Box (Ratchet Type) /Socket wrench set	Full Set with extension Rod	1
56	Spanner-Tubular	Full Set	1
57	Spanner-Adjustable	10"	1
58	Allen Key set	6-12 mm Set	1
59	Heat Exchanger - Boat (old)	For Fishing Boat	1
60	Pump - Reciprocating with motor	0.5 HP	1
61	Pump - Centrifugal with motor	1 HP	1

62	Pump - Hand	Medium Size	1
63	Bourdon Tube pressure Gauge	upto 500 Kg/cm2	2
64	Fire Extinguisher	4 Kg	1
65	Life Bouy	Standard	1
66	Life Jacket	Standard	1
67	Flow meter	Standard 15 mm	1
68	Gauge glass	Standard	1
69	Temperature gauge	0 to 120 degree, analoge type,100 mm	1
70	Grease gun	Standard. 5.6x10.6x30 cm	1
71	Volt meter	Analogue, 96 mm, 500 volt	1
72	Ammeter	Analogue, 96 mm, 30 A	1
73	Lead acid battery	24 V, 150AH	1
74	Hygrometer	Digital, 10 to 99% RH, 70 degree	1

Part D - CONSUMEBLES

SL NO	NAME	SPECIFICATION	QUANTITY (per batch)
1	Cotton Waste		2 Kg
2	Diesel		10L
3	petrol		10L
4	Kerosene		10L
5	Emery paper	80, 120	2 sheets
6	Greese		1 Kg
7	Washing Soap		3 bar
8	Hack saw blade	Standard	4

Part E - FURNITURE

1	Work bench	Wooden- 6X4X3 feet	1
2	Tool board	Standard	1
3	Shelf	78"x36"x18" or less (Steel)	1
4	Oil tray	standard	1

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