

JOB SPECIFICATIONS, TASK LISTS AND TRAINING OBJECTIVES FOR EMP ' s

S. NO.	Job Specification	Task List	Traning Objectives	SOK
1.	2.	3.	4.	5.
		1.8 To follow E2/EMAP system of PPM for equipment at 1.	1.8.1 Necessity of planned preventive maintenance. 1.8.2 Implementation of SS PPM. 1.8.3 Maintenance of records. 1.8.4 Knowledge of performance checks.	D D D D
2.	Carry out SS repairs to equipment listed at 1.	2.1 As at 1.1 to 1.8 2.2 To diagnose faults. 2.3 To carryout operational function on equipment. 2.3 To replace defective components.	2.1.1 As at 1.1.1 to 1.8.4. 2.2.1 Technical details and operation of equipment at 1. 2.2.2 Knowledge of equipment performance and characteristics. 2.2.3 To identify and locate defective components. 2.3.1 Carry out operational function on Propulsion Motor and Control Equipment. 2.3.2 Carry out operational function on APMS, IPMS. 2.3.1 To test component being replaced. 2.3.2 To carry out component assembly. 2.3.3 To carry out performance checks.	 C C C D D D
3.	To assist senior Power and Control trade sailors in carrying out SS PPM routines on the following Electrical equipment:- (a) Telephone Exchange, Sound power systems. (b) Motors and control equipment associated with Engine room, Auxiliary and propulsion machinery. (c) Generation and Distribution system. (d) Cranes, Boat Hoist, Capstans, ships, stabilisers and active rudders and RPC systems. (e) Degaussing equipment. (f) Navigation equipment. (g) Conversion machinery. (h) Cinema equipment. (j) ICCP.	3.1 As for 1.1 to 1.8 3.2 To assist in the following in regard to equipment at 3:- (a) Survey and demand of stores (b) Operation of equipment (c) Implementing E2 system of planned maintenance. (d) Removal and reassembly of components and assemblies. (e) Testing of equipment.	3.1.1 As for 1.1.1 ti 1.8.4. 3.2.2 Functional details of equipment at 3. 3.2.3 Outline knowledge of systems associated with equipment at 3.	D D D
4.	To assist senior Power and Control trade sailor in carrying out SS repairs to equipment at 3.	4.1 As for 1.1 to 1.8 4.2 To assist in the following in regard to equipment at 3:- (a) Identification of components to be replaced. (b) Testing of components being replaced. (c) Component assembly.	4.1.1 As for 1.1.1 to 1.8.4. 4.2.1 Knowledge of functional details of equipment at 3. 4.2.2 Outline knowledge of types of tools to be carried out on equipment at 3. 4.2.3 Knowledge of dockyard organisation.	 D D D

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1.	2.	3.	4.	5.
5.	To carry out duties of switch board watchkeeper.	5.1 To operate switch fuses and breakers as directed.	5.1.1. Knowledge of essential and no-essential supplies. 5.1.2. To understand colour code for use with switch board breakers 5.1.3. Knowledge of supply distribution system.	C C C
		5.2 To maintain and stew ready use tools for switchboard.	5.2.1. Knowledge of types of tools to be stowed. 5.2.2. Care of tools. 5.2.3. Use of switchboard tools.	C C C
		5.3 To maintain switchboard log.	5.3.1. Knowledge of use of switchboard log 5.3.2. Knowledge of entries to be made 5.3.3. To take down correct readings from switch board meters.	C C C
		5.4 To regulate the load to within specified limits of generator capacity.	5.4.1. Functional details of equipment at 3.	B
		5.5 To maintain the output voltage to within specified limits.	5.5.1. Functional details of equipment at 3.	B
6.	To carry out duties of duty EMP	6.1 To give first aid to personnel affected by Electrical Shock.	6.1.1. Knowledge of first aid. 6.1.2. Knowledge of artificial respiration. 6.1.3. Knowledge of electrical hazards and methods of overcoming/preventing them.	C C C
		6.2 To give connections to portable lights, blowers and pumps.	6.2.1. Same as 1.1.2. To 1.1.4.	
		6.3 To test navigation lights 15 min. prior to sunset and report to OOD/OOW.	"6.3.1. Use of Navigation lights and importance 6.3.2. Knowledge of supply arrangements for navigation lights. 6.3.3. Knowledge of reporting procedures.	C C C
		6.4 To assist the duty senior Electrical sailor.	6.4.1. Knowledge of duties of Electrical duty personnel at sea/harbour.	B
7.	To carry out duties of Electrical Ready use storekeeper.	7.1 To maintain and stow electrical ready use stores.	7.1.1. Identification and stocking of electrical stores. 7.1.2. Knowledge of methods of storage	C C
		7.2 To survey and demand stores.	7.2.1. Knowledge of stores organisation on a ship. 7.2.2. Knowledge of stores organisation at Bombay and Visakhapatnam. 7.2.3. Knowledge of procedures involved in accouting of stores.	D D D

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8.	To carry out duties of Cinema Operator.	8.1 To operate a Cinema projector.	8.1.1. Same as 3.2.3. Above	
9.	* To carry out tasks in damage control and fire fighting teams under detached supervision.			
10.	* To be proficient in squad and rifle drill.			
11.	* To perform general taks involving normal work			
12	* To perform as a rifleman in a section ashore in abaording party and be proficient in the use of 7.62 mm rifle.			

* Common for all branches - Sea 11 Level.