

ELECTRIC MACHINERY JOB DESCRIPTION

Job Title: Tester A Job Number: 58

Department: 0700 Date: January, 1981

Primary Objective of Position:

Major Areas of Accountability:

1. Sets up, connects, tests and adjusts products such as motors, generators and all control equipment, and specifically designed power apparatus according to IEEE and other specifications.
2. Reads information pertaining to apparatus to be tested, such as production ticket, engineering data sheets, test specifications, and manufacturing drawings.
3. Prepares data sheets and plots curves as necessary.
4. Tests and adjusts such products as motor generator and magnetic drive controls, exciters, magnetic drives, induction motors, synchronous motors and generators.
5. Uses auxiliary testing apparatus such as pony brakes, dynamometers, driving motors, tachometers, meggers and high-pot equipment.
6. Check machines for common defects before setup and, if found, reports to supervisor for proper disposition.
7. Connects test unit through necessary meters, shunts instrument transformers, resistors, reactors or other apparatus as required.
8. Uses accurate test equipment and reads meters accurately to make data dependable and usable in engineering deaprtments for design purpose.
9. Set up and test of specially designed power apparatus to accomplish research and development testing as requested through special documents and eyeball-to-eyeball communication with design engineering personnel by the use of very sophisticated test equipment.
10. Mechanical setup, test and dynamic balance of some BEMAC III's and magnetic drives of smaller variety.
11. May be assigned to repair calibrate and care of meters and electrical test equipment.
12. Requires minimum supervision.

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Factors	Trade Knowledge or Education	Experience	Initiative & Ingenuity	Physical Demand	Mental or Visual Demand	Responsibility for Equipment or Process	Responsibility for Material or Product	Responsibility for Safety of Others	Responsibility for Work of Others	Working Conditions	Unavoidable Hazards	
Degree	5	5	5	3	4	5	5	5	2	4	5	TOTAL POINTS
Points	70	110	70	30	20	25	25	25	10	40	25	450

Grade 15