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Electronics Technician 08

GS-0856-08

NOTE: THE SENTENCE IN PART I DESCRIBING THE PURPOSE OF THE POSITION AND PARTS II AND III IN THEIR ENTIRETY ARE PERMANENT PARTS OF THE LIBRARY AND MAY NOT BE CHANGED OR EDITED IN ANY WAY.

I. INTRODUCTION

Performs testing, maintenance, development and operating work involving electronic equipment and/or assists senior staff in the performance of their assignments.

II. MAJOR DUTIES AND RESPONSIBILITIES

Provides technical support in the operations or development of equipment, uses and modifies technical equipment or software Performs maintenance, troubleshooting, installation and testing of a wide range of electronic systems and adjusts tolerances of the equipment to the maximum attainable by the manufacturer's design. As necessary, assists in conducting laboratory and field tests of equipment, calibrates equipment, provides input on the redesign of new units and devices and instruct others in proper testing and operations techniques.

III. FACTOR LEVELS

Factor 1 - Knowledge Required by the Position FL 1-5, 750 pts

Knowledge of electronics, specialized technical methods, procedures, concepts, principles and practices, adequacy and practicability criteria, and the intent of plans and specifications to perform independently a wide variety of electronics duties. Knowledge sufficient to interpret the results of tests based on experience and observations.

Factor 2 - Supervisory Controls FL 2-3, 275 pts

The supervisor provides general direction on the priorities and objectives for work covered by precedent and previous experience and provides more detailed guidance only for unusual or unique assignments. Work is periodically evaluated for conformity with operational and technical requirements and adherence to established practices and policies. Methods used usually are not reviewed in detail.

Factor 3 - Guidelines FL 3-3, 275 pts

Guidelines such as operational regulations and procedures, manufacturer and vendor guidance, engineering literature, handbooks, etc., are available but are not completely applicable or there are large gaps in specificity. Incumbent must properly interpret, adapt and apply the guides in making technical decisions.

Factor 4 - Complexity FL 4-3, 150 pts

The work requires the performance of technical duties which involve various processes and methods requiring consideration of a number of possible courses of action and alternatives in planning and completing the work, and judgment in the selection of available approaches, methods and techniques.

Factor 5 - Scope and Effect FL 5-3, 150 pts

The work involves the application of standardized technical solutions to a wide array of conventional situations in conformance with established criteria. The work supports senior technical and professional personnel and impacts on the testing, design, operations and adequacy of entire systems or complete processes.

Factor 6 - Personal Contacts FL 6-1, 10 pts

Contacts are with technicians and professionals in the immediate organization and in related support units.

Factor 7 - Purpose of Contacts FL 7-2, 50 pts

The purpose of the contacts is to interpret data and to explain its purpose and significance, to discuss technical requirements of equipment, and to resolve operating and support problems and concerns relative to the unique characteristics of the equipment.

Factor 8 - Physical Demands FL 8-2, 20 pts

The work requires some physical exertion, such as long periods of standing, recurring bending, crouching, stooping or the lifting of moderately heavy objects.

Factor 9 - Work Environment FL 9-2, 20 pts

Work involves regular and recurring moderate risks that may require the use of special safety precautions or devices. The incumbent works around machines, moving parts and other potentially hazardous items.

Total Points = 1700

This position is non-exempt from coverage under the Fair Labor Standards Act.

IV. UNIQUE POSITION REQUIREMENTS

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