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## Electronics Technician 07

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### GS-0856-07

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 and/or operating work involving electronic equipment that typically is widespread in use and commercially available.

#### II. MAJOR DUTIES AND RESPONSIBILITIES

Provides standardized technical support in the development of equipment, standards or data using and adjusting technical equipment and instruments, or adapting and carrying out established tests or calculations, and recording results.

Carries out equipment testing, operating and/or maintenance tasks as necessary and adjusts tolerances of the equipment to the maximum attainable by the manufacturers' design.

#### 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 3-2, 125 pts

Procedures for completing assignments are established and a number of specific guides are available such as schematic diagrams, maintenance schedules, troubleshooting procedures and agency manuals. Incumbent must use judgment in selecting the appropriate guide from among a number of similar guides. Significant deviations from the guides, or situations encountered for which the existing guides are not applicable, are referred to the supervisor.

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 = 1550

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

#### **IV. UNIQUE POSITION REQUIREMENTS**

(Last Updated: November 4, 1994)

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