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## Physical Science (Aid) 04

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### GS-1311-04

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

This position is located in

Assists scientists and others with various technical procedures and practices.

#### II. MAJOR DUTIES AND RESPONSIBILITIES

Responsible for conducting a variety of standard tests for qualitative and quantitative determinations of various elements. Selects appropriate test procedures and/or techniques and carries out quality control procedures. Maintains records and provides project leader with reports.

#### III. FACTORS

Factor 1, Knowledge Required by the Position - FL 1-3, 350 points

General knowledge of the technical principles, practices and techniques used in testing and evaluating a variety of elements or conditions. Skill in operating and performing simple maintenance on sophisticated analytical instrumentation.

Factor 2, Supervisory Controls - FL 2-2, 125 points

The project leader gives general instructions regarding time limits, potential technical problems and sources for additional guidance, and is available to assist with unfamiliar situations. Incumbent independently carries out routine and recurring assignments. Work is reviewed at completion to assure that methods used were technically accurate and instructions were followed.

Factor 3, Guidelines - FL 3-2, 125 points

Standard procedures involving sequential steps for doing the work have been established and are supplemented by specific instructions from the supervisor. Equipment operating manuals and other technical literature are available for reference purposes. Incumbent exercises judgment in locating and selecting appropriate guidelines for conducting experimental procedures.

Factor 4, Complexity - FL 4-2, 75 points

The work involves related processes and methods. The decisions regarding how to proceed with an analysis may require choices based on specific situations.

Factor 5, Scope and Effect - FL 5-2, 75 points

The work involves assuring compliance with rules, regulations and procedures for determining various elements. The analyses carried out by the incumbent will play a substantial role in the success of the overall project.

Factor 6, Personal Contacts - FL 6-2, 25 points

Personal contacts are primarily with the scientific and technical staff within the laboratory and with suppliers and equipment representatives.

Factor 7, Purpose of Contacts - FL 7-1, 20 points

The purpose of the contacts is to obtain or give facts related to the work.

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

The work requires extensive standing and sitting on laboratory benches. There is some walking, bending and carrying of light to medium loads. The work requires above average dexterity and agility.

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

The work may be conducted in a laboratory environment with adequate heat, light and air conditioning or outdoors, sometimes aboard ships. May be required to wear special protective clothing such as gloves and safety goggles when handling hazardous material or operating equipment.

TOTAL POINTS - 835

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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