



Information Guide for Motor Generator Specialist 1 Performance Test

Test Number: 4668

Human Resources
Performance Assessment Services
Southern California Edison
An Edison International Company

REV122911

Introduction

The **4668 Motor Generator Specialist 1 Test** is a performance test designed to cover the major job areas of the Motor Generator Specialist 1 job. This Guide contains strategies to use for taking tests and provides information regarding the major job activities covered in the test. It also provides references to help prepare for the test.

Test Session

It is important that you follow the directions of the Test Administrator exactly. If you have any questions about the testing session, be sure to ask the Test Administrator before the testing begins. During testing, you may **NOT** leave the room, talk, smoke, eat, or drink. Since some tests take several hours, you should consider these factors before the test begins.

All cellular/mobile phones, pagers or other electronic equipment will NOT be allowed in the testing area.

For this test, you will be asked to perform tasks which are typical of the Motor Generator Specialist 1.

The test has a 2 ½ hour time limit.

Personal Protective Equipment

For safety purposes, personal protective equipment (PPE) **must** be worn at all times during the performance test. **You are responsible for bringing your own PPE to the performance test.** Prior to beginning the test, your administrator will review and approve your PPE. Please bring the following items on the date of your assessment:

- ✓ Leather (mechanical) gloves
- ✓ Protective eyewear
- ✓ Close toed shoes

You will receive a Test Comment form so that you can make comments about test content. Write any comments you have and turn it in with your test when you are done.

Information Guide Feedback

At the end of this Guide you have been provided with an Information Guide Feedback page. If a procedure or policy has changed, making any part of this Guide incorrect, your feedback would be appreciated so that corrections can be made.

Test Taking Strategies

Introduction

The purpose of this section is to suggest techniques for you to use when taking a performance test. Your emotional and physical state during the test may determine whether you are prepared to do your best. The following list provides common sense techniques you can use before the test begins.

Technique	Remarks
<i>Be confident</i>	<ul style="list-style-type: none"> - If you feel confident about passing the test, you may lose some of your anxiety. - Think of the test as a way of demonstrating how much you know and the skills you can apply.
<i>Be punctual</i>	<ul style="list-style-type: none"> - Arrive early enough to feel relaxed and comfortable before the test begins.
<i>Concentrate</i>	<ul style="list-style-type: none"> - Try to block out all distractions and concentrate only on the test. You will not only finish faster but you will reduce your chances of making careless mistakes.
<i>Budget your times</i>	<ul style="list-style-type: none"> - Pace yourself carefully to ensure that you will have enough time to complete all items and review your answers.
<i>Read critically</i>	<ul style="list-style-type: none"> - Read all directions and questions carefully.
<i>Double-check math calculations</i>	<ul style="list-style-type: none"> - Use scratch paper to double check your mathematical calculations.
<i>Review</i>	<ul style="list-style-type: none"> - Review the quality of your work as you go.

Remember the techniques described in this section are only suggestions. You should follow the test taking methods that work best for you.

Test 4668 Description

The **4668 Motor Generator Specialist 1 Performance Test** requires you to perform tasks similar to those performed on the job as a Motor Generator Specialist 1. This test will require you to demonstrate your skills related to motor/generator repairs such as: performing electrical tests on motors, disassembling motor generator components, and performing winding tasks. This assessment will also require you to demonstrate your ability to use tools common to the Motor Generator Specialist 1 position, such as micrometers, calipers, meggers, bridge testers, and other electrical and mechanical measuring devices.

REFERENCES

The following references may be used to guide your preparation.

- Rosenberg, Robert & Hand, August. Electric Motor Repair 3rd Edition. Thomsen Delmar Learning.
- Electrical Apparatus Service Association. "How to Wind Three-Phase Stators CD-ROM." The course can purchased through the Electrical Apparatus Service Association (EASA). A free trial download is also available through the EASA Website.

Information Guide Feedback

Please use this page to notify us of any changes in policies, procedures, or materials affecting this guide. Once completed, return to:

Southern California Edison
Human Resources - Performance Assessment Services
G.O. 5, 1st Floor
1515 Walnut Grove
Rosemead, CA 91770

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