Type VR Manual Ground and Test Device
For Use With Masterclad™ Switchgear
27 kV, 1200/2000 and 2750 A
Up to 40 kA Short-Circuit Current Rating

Class 6055

Instruction Bulletin
6055-63
07/2012
Retain for future use.
Hazard Categories and Special Symbols

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this bulletin or on the equipment to warn of hazards or to call attention to information that clarifies or simplifies a procedure.

The addition of either symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.

This is the safety alert symbol. It is used to alert you to personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

<table>
<thead>
<tr>
<th><strong>Danger</strong></th>
<th>indicates a hazardous situation which, if not avoided, will result in death or serious injury.</th>
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<tr>
<th><strong>Warning</strong></th>
<th>indicates a hazardous situation which, if not avoided, can result in death or serious injury.</th>
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<tr>
<th><strong>Caution</strong></th>
<th>indicates a hazardous situation which, if not avoided, can result in minor or moderate injury.</th>
</tr>
</thead>
</table>

| **Notice** | is used to address practices not related to physical injury. The safety alert symbol is not used with this signal word. |

**Note**: Provides additional information to clarify or simplify a procedure.

**Please Note**

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.
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Section 1—Introduction

This bulletin contains instructions for receiving, handling, storage, installation, operation and maintenance for the Type VR 1200/2000 and 2750 A, manual ground and test (G&T) devices manufactured by Schneider Electric.

These devices are auxiliary devices for use with 27 kV Masterclad™ switchgear during initial installation and maintenance. The devices provide a convenient means for grounding the load (cable). They can be used to measure resistance and to perform phasing operations. Also, the devices can apply power from an external source for a high potential test or for fault location.

The G&T devices can be used with switchgear assemblies with symmetrical short-circuit current rating up to 40 kA.

These devices have been designed and tested per ANSI/IEEE C37.20.6, Standard for Medium-Voltage Ground and Test Devices Used in Enclosures. The following components (Figure 1) are furnished with the G&T devices:

- the basic G&T device
- temporary ground cables equipped with eyebolt for use with hook stick
- hook stick
- primary grounding bars
- interlock key for door interlock
- spare interlock key

Figure 1: Manual G&T Device and Components
Product Overview

Interlocks

NOTE: The interlock plate must be in the correct position for proper grounding operation. DO NOT use the device if the interlock plate is missing. Contact your local Schneider Electric representative.

Refer to:
- Interlock Plate (below)
- Interlock Plate Status on page 11

This section contains a basic overview of the workings of a manual G&T device and the identification of certain components. The main contacts are designed to fit a 1200/2000 A or 2750 A circuit breaker compartment.

A glass polyester door permits access to the circuit breaker compartment of the G&T device. This access door slides into an isolated center compartment when opened. The door is furnished with key interlocks to provide proper operation (Figure 2). A hasp is also provided on the door for padlocking.

All circuit breaker compartments are suitable for G&T device use, and allow the option to test, then ground, either the line or load side. A code plate, located on the G&T device, and a code plate bracket, located on the circuit breaker compartment floor, are used to allow the G&T device to be installed in the appropriate compartments.

Interlock Scheme

Load connections are normally the bottom terminals for lower circuit breaker compartments. The interlock key (Figure 2) need to be inserted into and lock open (LO) the circuit breaker compartment key interlock to install the device into the circuit breaker compartment. The key cannot be removed from the compartment key interlock without locking the device in place.

To open the access door, the interlock key is needed to lock the device in position and then remove the key to lock open (LO) the door for access. This interlock system prohibits the opening of the access door when the device is connected without the removal of the interlock plate. Keep the spare interlock key in a secure, remote location.

Interlock Plate

The interlock plate, attached to the interlock pan located on the floor of the circuit breaker compartment, is a safety device designed to block accidental access to the bus side of the equipment. The interlock plate can be rotated or removed to gain access to the bus side for grounding or phasing.
Typical Interlock Statuses

See Figure 2 on page 5 for interlock locations.

**B1 Key Interlock Status:**
- Access Door Interlock = Locked Open (LO)
- Circuit Breaker Compartment Key Interlock = Locked Closed (LC)

**Interlock Barrel:**
- Circuit Breaker Compartment Interlock Barrel = Extended
Before installing the Manual G&T, the access door can be locked open (LO) to gain access to the circuit breaker compartment to remove the primary grounding bars and the temporary ground cables.

**B1 Key Interlock Status:**
- Access Door Interlock = Locked Closed (LC)
- Circuit Breaker Compartment Key Interlock = Locked Closed (LC)

**Interlock Barrel:**
- Circuit Breaker Compartment Interlock Barrel = Extended
With the access door locked closed (LC), the interlock key can be removed from the access door interlock and inserted into the circuit breaker compartment key interlock (LC).

**B1 Key Interlock Status:**
- Access Door Interlock = Locked Closed (LC)
- Circuit Breaker Compartment Key Interlock = Locked Open (LO)

**Interlock Barrel:**
- Circuit Breaker Compartment Interlock Barrel = Retracted
Compartment key interlock is locked open (LO) to retract interlock barrel, allowing the device to be racked into the circuit breaker compartment. Key cannot be removed from key interlock when locked open (LO).
**B1 Key Interlock Status:**
Access Door Interlock = Locked Closed (LC)

**Interlock Barrel:**
Circuit Breaker Compartment Key Interlock = Locked Closed (LC)

Device is racked into the circuit breaker compartment and the circuit breaker compartment key interlock is locked closed (LC) to lock device into the connected position. Interlock key can now be removed from the circuit breaker compartment key interlock and used to lock open (LO) the access door interlock.

**B1 Key Interlock Status:**
Access Door Interlock = Locked Open (LO)

**Interlock Barrel:**
Circuit Breaker Compartment Key Interlock = Locked Closed (LC)

Device is locked into the circuit breaker compartment. Interlock key has been inserted into the access door interlock and has been used to lock open (LO) the access door interlock to access the load (cable) side.
Manual G&T Component Identification

Figures 3, 4, and 5 show the location and identify components of the manual G&T device.

Figure 3: Ground and Test Device Front View: Lower Door Open

Figure 4: Ground and Test Device Sectional Side View, 1200/2000 A shown (2750 A is similar)
Section 2—Safety Precautions

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E or CSA Z462.
- This equipment must be installed and serviced only by qualified electrical personnel.
- Perform such work only after reading and understanding all of the instructions contained in this bulletin.
- Turn off all power supplying this equipment before working on or inside equipment. Assume all circuits are live until they are completely de-energized, tested, and tagged. Pay particular attention to the design of the power system. Consider all sources of power, including the possibility of back feeding.
- Always use a properly rated voltage sensing device to confirm power is off.
- Handle this equipment carefully and install, operate, and maintain it correctly in order for it to function properly. Neglecting fundamental installation and maintenance requirements may lead to personal injury, as well as damage to electrical equipment or other property.
- Do not make any modifications to the equipment or operate the system with the interlocks removed. Contact your local Schneider Electric representative for additional instructions if the equipment does not function as described in this manual.
- Carefully inspect your work area, and remove any tools and objects left inside the equipment.
- Replace all devices, doors, and covers before turning on power to this equipment.
- All instructions in this manual are written with the assumption that the customer has taken these measures before performing maintenance or testing.

Failure to follow these instructions will result in death or serious injury.
Section 3—Receiving, Handling, and Storage

Receiving

Upon receipt, check the packing list against the equipment received to ensure the order and shipment are complete. Claims for shortages or errors must be made in writing to Schneider Electric within 60 days after delivery. Failure to give such notice will constitute unqualified acceptance and a waiver of all such claims by the purchaser.

Immediately inspect the equipment for any damage which may have occurred in transit. If damage is found or suspected, file a claim with the carrier immediately and notify Schneider Electric. Delivery of equipment to a carrier at any of the Schneider Electric plants or other shipping points constitutes delivery to the purchaser regardless of freight payment and title. All risk of loss or damage pass to purchaser at that time.

For details concerning claims for equipment shortages and other errors, refer to the Schneider Electric “Terms and Conditions of Sale”.

Handling

The G&T device may be damaged by rough handling. Handle the equipment with care.

Storage

Keep equipment in a clean, dry, corrosion-free area protected from damage.
Section 4—Using the G&T Device for Grounding the Load (Cable) Side

Preparing the Circuit Breaker Compartment for Installation

Interlock Plate Status

NOTE: The interlock plate must be in the correct position for proper grounding operation. DO NOT use the device if the interlock plate is missing. Contact your local Schneider Electric representative.

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

• Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E or CSA Z462.
• This manually operated G&T device provides access to high voltage conductors. Use extreme care when using this device.
• This equipment must be installed and serviced only by qualified electrical personnel.
• Remove all tools and objects left on this device before installing the device into the circuit breaker compartment.

Failure to follow these instructions will result in death or serious injury.

The interlock plate is attached to the interlock pan, which is located on the floor of the circuit breaker compartment (see Figure 5). The interlock plate is part of an interlock system which blocks accidental access to the bus side of the equipment. Follow steps 1–3 to ensure that your interlock plate is in the correct position.

Figure 5: Circuit Breaker Compartment Floor Showing Interlock Pan Location and Typical Interlock Plate Status for Grounding the Load (Cable) Side

Interlock plate

(Lower Compartment Floor)

This interlock plate is configured for access through the access door of the G&T device, which is normally used in the lower circuit breaker compartment where the load cables are connected to bottom terminals.
1. Check your customer order drawings and familiarize yourself with the interlock system, paying special attention to the location of the bus and load (cable) circuits.

2. Ensure the interlock plate is in the correct position. The Interlock plate should block the extension of the interlock barrel that is interlocked with the access door of the bus side of the equipment. If interlock plates are in the incorrect position, or if interlock plates have been removed, reattach plates correctly.

3. Ensure that the interlock plate is securely attached.

**NOTE:** The interlock plate must be in the correct position for proper grounding operation. DO NOT use the device if the interlock plate is missing. Contact your local Schneider Electric representative.

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**Preparation the G&T Device for Installation**

**Pre-Installation Inspection and Maintenance**

Follow steps 1–7 to ensure the G&T is in satisfactory working condition.

1. To perform inspection, the access door must be open. If necessary, lock open the access door interlock (Figure 6) and open the door.

2. Verify that all primary and grounded connections are tight.

3. Clean any dust and contaminants from insulated parts.

4. Remove all tools and miscellaneous items left on this device before installing the device into the circuit breaker compartment.

5. Ensure that the grounding bar and temporary grounding cables are not connected to the G&T (Figure 7). If they are, follow steps a–b to remove the grounding bar and temporary ground cables.

   a. Disconnect and remove the primary ground bar.

   b. Disconnect and remove all temporary ground cables.

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**DANGER**

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

The interlock plate is attached to the interlock pan, which is located on the floor of the circuit breaker compartment. The interlock plate is part of an interlock system which blocks accidental access to the bus side of the equipment. Ensure that the interlock plate is securely attached in the correct position.

Failure to follow these instructions will result in death or serious injury.
6. Close the access door.
7. Lock closed (LC) the access door.

Hi-Pot (Dielectric) Test

DANGER
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

When performing a hi-pot test:
• Do not exceed the voltages specified in Table 1.
• Keep all people at least six ft. (2 m) away from the G&T device.
• Discharge to ground after each test.

Failure to follow these instructions will result in death or serious injury.

Follow steps 1–5 to perform hi-pot tests.

NOTE: Do not use the equipment if consistent unacceptable results are achieved. Contact Schneider Electric for technical assistance.

1. Ensure that all people are at least 6 ft. (2 m) away from the G&T device being tested.
2. Perform a phase-to-ground hi-pot test on each pole.
   — Gradually increase the voltage to the levels indicated in Table 1.
   — Verify that the G&T device sustains the specified voltage without flashover for one minute.
3. Discharge to ground.
4. Perform a phase-to-phase hi-pot test.
   — Gradually increase the voltage to the levels indicated in Table 1.
   — Verify that the G&T device sustains the specified voltage without flashover for one minute.
5. Discharge to ground.

Table 1: Hi-Pot Test Voltages

<table>
<thead>
<tr>
<th>Equipment Rating</th>
<th>Field Test Voltage</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>AC</td>
</tr>
<tr>
<td>27 kV</td>
<td>45 kV</td>
</tr>
</tbody>
</table>

Retracting Interlock Barrels for Installation

NOTICE

INCORRECT OPERATION

The interlock barrel must be retracted to install the device into a circuit breaker compartment. Attempting to install the device with the interlock barrel extended could damage the barrel and disable an important interlock feature.

Failure to follow these instructions can result in equipment damage.

Follow steps 1–5 to retract the interlock barrel for installing the G&T device.

Figure 8: Circuit Breaker Compartment Key Interlock with Access Door Closed (Interlock Barrel Extended)
1. Close the access door (if necessary).
2. Lock closed the access door to release the interlock key.
3. Remove the interlock key from the access door interlock.
4. Insert the interlock key into the circuit breaker compartment key interlock located at the base of the G&T device (Figure 8 on page 13).
5. Lock open (LO) the circuit breaker compartment key interlock to retract the interlock barrel (Figure 9).

**NOTICE**

INCORRECT OPERATION

Check the customer order drawings and nameplates on the circuit breaker compartment to verify that the G&T device is installed into the proper circuit breaker compartment.

Failure to follow these instructions can result in equipment damage.

Follow steps 1–5 to install the G&T device into the TEST/DISCONNECT position.

1. Check the customer order drawings and the nameplates on the circuit breaker compartment to verify that the G&T device is installed into the proper circuit breaker compartment.
2. Verify that the racking position indicator (Figure 11 on page 15) reads TEST/DISCONNECT.
3. Open the circuit breaker compartment door.

**WARNING**

DROP HAZARD

Use only a Masterclad lift truck manufactured by Schneider Electric to install a G&T device into switchgear on a raised pad.

Failure to follow these instructions can result in death or serious injury.
4. Align the G&T device rollers with the positioning rails (Figure 10) mounted on the side walls of the circuit breaker compartment.

**Figure 10: Masterclad Switchgear Circuit Breaker Compartment**

![Masterclad Switchgear Circuit Breaker Compartment Image]

- **Racking position indicator**
- **Positioning rails**

**NOTE:** If inserting the G&T device into switchgear mounted on a raised pad, a Masterclad lift truck manufactured by Schneider Electric must be used. For instructions on using a Masterclad lift truck, refer to Schneider Electric instruction bulletin number 6055-54.

**WARNING**

**HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**

Never force the G&T device into the circuit breaker compartment. If a mechanism is not operating easily, inspect the equipment and the interlock status.

**Failure to follow these instructions can result in death or serious injury.**

5. Push the G&T device into the circuit breaker compartment until the front of the device aligns with the test position arrows (Figure 11) located on the bottom of the circuit breaker compartment. When the device is in the TEST/DISCONNECT position, the release handle should engage.

**Figure 11: Test and Connected Position Arrows**

![Test and Connected Position Arrows Image]

- **Connected position arrows**
- **Test position arrows**

**NOTE:** If the G&T device does not easily roll into the circuit breaker compartment, remove the device. If necessary, pull the release handle to release the device from the TEST/DISCONNECT position. Repeat steps 4 and 5. If satisfactory results are not achieved, contact your local Schneider Electric representative.
Racking the G&T Device Into the CONNECTED Position

Follow steps 1–5 to rack the G&T device into the CONNECTED position.

1. Close the circuit breaker compartment door.
2. Insert the racking handle into the racking port and engage handle onto racking shaft (Figure 12).
3. Rotate the racking handle clockwise.
4. When the G&T device is being transported to or from the CONNECTED position, the racking position indicator will read TRANSPORT.
   NOTE: If the G&T device does not easily rack into the circuit breaker compartment, remove the G&T device and repeat steps 1-4. If satisfactory results are not achieved, contact your local Schneider Electric representative.
5. Continue rotating the racking handle clockwise until the racking position indicator reads CONNECTED.
   NOTE: When the racking position indicator reads CONNECTED, the G&T device is fully racked into the circuit breaker compartment and the primary contacts are connected.

**WARNING**

**DROP HAZARD**

Use only a Masterclad lift truck manufactured by Schneider Electric to install a G&T device into switchgear on a raised pad.

Failure to follow these instructions can result in death or serious injury.

**WARNING**

**HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**

Never force the G&T device into the circuit breaker compartment. If a mechanism is not operating easily, inspect the equipment and the interlock status.

Failure to follow these instructions can result in death or serious injury.
Opening the G&T Device Access Door

**DANGER**

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E or CSA Z462.
- This equipment must be installed and serviced only by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment. Assume all circuits are live until they are completely de-energized, tested, and tagged. Pay particular attention to the design of the power system. Consider all sources of power, including the possibility of back feeding.
- Always use a properly rated voltage sensing device to confirm power is off.

Failure to follow these instructions will result in death or serious injury.

Follow steps 1–5 to open the G&T device access door.

1. Open the circuit breaker compartment door.
2. Lock closed (LC) the circuit breaker compartment key interlock to extend the interlock barrel and release the interlock key (Figure 13).
3. Remove the interlock key from the circuit breaker compartment key interlock.
4. Insert the interlock key into the access door interlock and turn the key clockwise to lock open (LO) the access door interlock (Figure 14).
5. Open the access door.

**Figure 13: Interlock Status (Step 2)**

**Figure 14: Interlock Status (Step 4)**
Grounding the Load (Cable) Side

Follow steps 1–4 to ground the load (cable) side of the equipment.

1. Check each ground bail (Figure 15) with a properly rated voltage sensing device to ensure that power is OFF. If any voltage is detected DO NOT ground the circuit under any circumstance.

   **NOTE:** If voltage is detected, remove the source of the voltage before proceeding. Pay particular attention to the design of the power system. Consider all sources of power, including the possibility of back feeding.

2. Using a hook stick, install the three temporary ground cables. Connect the cable end to the ground rod and then connect the other end to the ground bail at the primary extension terminals (Figure 15).

   **NOTE:** The device does not have full short-circuit rating with only the temporary cables in place.

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**DANGER**

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E or CSA Z462.
- This equipment must be installed and serviced only by qualified electrical personnel.
- Turn off all power supplying this equipment before working on or inside equipment. Assume all circuits are live until they are completely de-energized, tested, and tagged. Pay particular attention to the design of the power system. Consider all sources of power, including the possibility of back feeding.
- Always use a properly rated voltage sensing device to confirm power is off.

**Failure to follow these instructions will result in death or serious injury.**
3. Install the primary grounding bars to the main ground bus (see Figure 16 on page 19) and then to the primary extension terminals. Torque all bolts to 35 lb-ft (26 N•m).

**Figure 16: Primary Grounding Bars Installed**

4. Remove the temporary ground cables (Figure 17).

**Figure 17: Temporary Ground Cables Removed**

The load side of the G&T device is now properly grounded. To remove the G&T device after grounding, following the steps for removal in "Preparing the G&T Device to be Racked Out of the CONNECTED Position After Grounding" on page 20.
Preparing the G&T Device to be Racked Out of the CONNECTED Position After Grounding

Complete steps 1–6 to prepare the G&T device for racking out of the CONNECTED position after grounding the load (cable) side.

1. Connect the temporary ground cables to the ground bails and ground rod.
2. Disconnect the primary grounding bars.
3. Disconnect the temporary ground cables using a hook stick.
4. Close the access door.
5. Lock closed (LC) the door interlock with the interlock key and remove the key.
6. Insert the interlock key into the circuit breaker compartment interlock and lock open (LO) the interlock to retract the interlock barrel for racking (Figure 18).

Racking the G&T Device Out of the CONNECTED Position

The G&T device can be racked out of the CONNECTED position using a racking mechanism located on the floor of the circuit breaker compartment. Follow steps 1–5 to rack the G&T device out of the CONNECTED position.

1. Close the circuit breaker compartment door.
2. Insert the racking handle into the racking port and engage handle onto racking shaft.
3. Rotate the racking handle counterclockwise.

Notice

INCORRECT OPERATION

The interlock barrel must be retracted to remove the device from the circuit breaker compartment. Attempting to remove the device with the interlock barrel extended could damage the barrel and disable an important interlock feature.

Failure to follow these instructions can result in equipment damage.

Warning

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Always keep the circuit breaker compartment door closed when racking the G&T device from one position to another when switchgear is energized.

Failure to follow these instructions can result in death or serious injury.

Figure 18: Interlock Status (Step 6)
4. When the G&T device is being transported to or from the CONNECTED position, the racking position indicator will read “TRANSPORT”.

NOTE: If the G&T device does not easily rack out of the circuit breaker compartment, check the interlock status. If satisfactory results are not achieved, contact your local Schneider Electric representative.

5. Continue rotating the racking handle counterclockwise until the racking position indicator reads “TEST/DISCONNECT”.

NOTE: When the racking position indicator reads “TEST/DISCONNECT”, the G&T device’s primary contacts are disconnected.

Removing the G&T Device from the Circuit Breaker Compartment

Follow steps 1–5 to remove the G&T device from the circuit breaker compartment.

1. Open the circuit breaker compartment door.

2. Pull the G&T device’s release handle to release the device from the TEST/DISCONNECT position.

3. Pull the G&T device out of the circuit breaker compartment.

NOTE: If removing the G&T device from switchgear on a raised pad, a Masterclad lift truck manufactured by Schneider Electric must be used. For instructions on using lift truck, refer to Schneider Electric instruction bulletin number 6055-54.

4. Close the circuit breaker compartment door.

5. If storing equipment, store accessories or spare parts with the device. Close all doors and cover the equipment to protect it from dust and debris.

WARNING

DROP HAZARD

Use only a Masterclad lift truck manufactured by Schneider Electric to remove a G&T device from switchgear on a raised pad.

Failure to follow these instructions can result in death or serious injury.
Section 5—Maintenance

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<tr>
<td><strong>HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH</strong></td>
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<tr>
<td>Before performing any maintenance or repair work, always remove the ground and test device completely from the circuit breaker compartment.</td>
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<tr>
<td><strong>Failure to follow these instructions can result in death or serious injury.</strong></td>
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Proper maintenance of the G&T device is necessary for satisfactory operation. Perform the following checks each time before the device is used:

1. Visually inspect the entire G&T device for loose parts or connections.
2. Lightly coat the contact surfaces and primary contact fingers with grease (red Mobilgrease® 28 or approved equivalent).
3. Use a clean, dry cloth to ensure that the insulation is free from dust and contaminants.
4. Inspect insulated parts if the device has been stored for a prolonged period or exposed to high humidity. Ensure that the insulation is intact. A standard 60 cycle, high-potential test at 45 kV RMS (see Table 1 on page 13) will indicate whether the device is satisfactory for service. Apply the voltage to each phase individually for one minute with the other two phases and the frame grounded to earth.
5. Verify that the G&T device sustains the specified voltage without flashover for one minute. If it does not, inspect the insulators for leakage paths. If necessary, clean the surface of each insulator and repeat steps 1–3.
6. Discharge the primary terminals to ground after each test.
## Installation and Maintenance Log

<table>
<thead>
<tr>
<th>Date</th>
<th>Initials</th>
<th>Maintenance Performed</th>
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California Proposition 65 Warning—Nickel Compounds and Bisphenol A (BPA)
Advertencia de la Proposición 65 de California—compuestos de níquel y Bisfenol A (BPA)
Avertissement concernant la Proposition 65 de Californie—composés de nickel et Bisphénol A (BPA)

**WARNING:** This product can expose you to chemicals including Nickel compounds, which are known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

**ADVERTENCIA:** Este producto puede exponerle a químicos incluyendo compuestos de níquel, que son conocidos por el Estado de California como causantes de cáncer, y Bisfenol A (BPA), que es conocido por el Estado de California como causante de defectos de nacimiento u otros daños reproductivos. Para mayor información, visite www.P65Warnings.ca.gov.

**AVERTISSEMENT:** Ce produit peut vous exposer à des agents chimiques, y compris composés de nickel, identifiés par l'État de Californie comme pouvant causer le cancer, et Bisphénol A (BPA) reconnus par l'État de Californie comme pouvant causer des malformations congénitales ou autres troubles de l'appareil reproducteur. Pour de plus amples informations, prière de consulter www.P65Warnings.ca.gov.

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