



**Exam Code:** 920-160

**Exam Name:** nncss-communication server(cs)1000

Rls.4.0 Hardware I&M

**Vendor:** Nortel

**Version:** DEMO

## Part: A

1: When installing an AC power supply in a CS 1000S RIs 4.0 system, according to the procedure for testing ground, what should be the resistance measure?

- A. less than 1 ohm
- B. less than 0.25 ohms
- C. direct short with NO resistance
- D. more than 0.25 ohms but NOT exceeding 0.5 ohms

**Correct Answers: B**

2: After installing the grounding block according to the grounding cabinets or chassis procedure, which task must be performed before power is applied?

- A. Test the ground.
- B. Connect the power cord and power up.
- C. Turn on the circuit breaker to reserve power (battery backup).
- D. Place a DO NOT DISCONNECT tag on the ground wire at the service panel.

**Correct Answers: A**

3: In a CS 1000M RIs. 4.0 installation, installing the four-feed PDU (NT4N49AA) is a two step process. What is the first step?

- A. Remove the air intake grill.
- B. Test the resistance on the ground.
- C. Install the protective/safety ground.
- D. Connect power from the power plant to the PDU.

**Correct Answers: C**

4: In an AC powered single-column CS 1000M RIs. 4.0 large system, how is the personal hazard ground wiring routed?

- A. Connect a #6 AWG wire from the ground source in the service panel to a ground lug on the pedestal.
- B. Connect a #8 AWG wire from the ground source in the service panel to a ground lug on the pedestal.
- C. It is routed from the ground source in the service panel to the ground lug on the closet column. Then daisy chain #6 AWG ground wires from It is routed from the ground source in the service panel to the ground lug on the closet column. Then daisy chain #6 AWG ground wires from one pedestal to the next.
- D. It is routed from the ground source in the service panel to the ground lug on the closet column. Then daisy chain #8 AWG ground wires from It is routed from the ground source in the service panel to the ground lug on the closet column. Then daisy chain #8 AWG ground wires from one pedestal to the next.

**Correct Answers: A**

5: Which is the correct procedure for installing a Logic Return Wire on a CS 1000M RIs 4.0 large system?

A. Connect a #6 AWG wire from the ground source in the service panel to a ground lug on the pedestal.

B. Connect a #8 AWG wire from the ground source in the service panel to a ground lug on the pedestal.

C. Starting at the LRE, connect a #8 AWG wire and route it to the column and up or down the I/O channel area, as appropriate. Then route the wire through the conduit hole in the pedestal to the LRTN on the field wiring block.

D. Starting at the LRE, connect a #6 AWG wire and route it to the column and up or down the I/O channel area, as appropriate. Then route the wire through the conduit hole in the pedestal to the LRTN on the field wiring block.

**Correct Answers: D**

6: In a chassis system for a CS 1000S RIs. 4.0 system, multiple pieces of equipment are installed in an equipment rack/cabinet. Which statement is true?

A. You must use the NT6D5303 grounding block.

B. You can bridge up to 48 components with a common ground point.

C. Each piece of equipment can be paired into one ground to the grounding block (NTBK80).

D. Separate ground connections should be made for each piece of equipment to a grounding block (NTBK80).

**Correct Answers: D**

7: According to the installation procedure, when grounding a cabinet on a CS 1000S System, to what is the ground wire connected?

A. the grounding lug on the cabinet

B. the grounding lug on the Signaling Server

C. the ground on the reserve power unit (battery backup)

D. directly to the ground bus on the AC service panel

**Correct Answers: A**

8: According to grounding procedures for a CS 1000E RIs 4.0 system, if the Signaling Server is connected to the rack AC outlet, what must be taken into consideration for proper grounding?

A. The Signaling Server must also be connected to the ground bar.

B. The rack's AC outlet must be grounded to a dedicated electrical panel.

C. Whether this is a chassis or cabinet system, which determines the grounding method.

D. That NO other grounding is required; the rack AC outlet provides grounding from other rack mounted equipment.

**Correct Answers: B**

9: You are installing a Candeo DC power system on a CS 1000M RIs. 4.0 system. How is the safety/ground protective earth wire connected in multiple-column system?

A. Run a #8 AWG wire from the ground source to each column individually.

B. Connect a #6 AWG wire from the ground source in the service panel to a ground lug on the pedestal.

C. Connect a #8 AWG wire from the ground source in the service panel to a ground lug on the

closest column. Daisy-chain the #8 AWG ground wires from one pedestal to the connecting all of the columns together.

D.Connect a #6 AWG wire from the Logic Return Equalizer to a ground lug on the closest column. Daisy-chain the #6 AWG ground wires from one pedestal to the connecting all of the columns together.

**Correct Answers: D**

10: When performing the Universal Power Supply (UPS) ground cable installation procedure on a CS 1000M Rls. 4.0 large system, you must run a #6 AWG wire between the common ground point and what?

A.the UPS

B.the bypass switch

C.the ground bus in the service panel

D.the ground lug on the rear of the pedestal

**Correct Answers: C**