

Certification Test

TRM800-Z1000 Bypass Startup (eLM.Z1000.03.DRVBYP_START)

Taking the Certification Test

Each question has one **best answer**. All certification tests are open book and open notes. Please record all answers on this answer sheet. All questions are equally weighted. A passing score for this test is 100%.

Returning the Certification Test

Option 1: Fax the answer sheet (following page) to **Yaskawa Technical Training Services** at (847) 887-7185.

Option 2: E-mail the answers to all questions to training@yaskawa.com. Be sure to include all of the contact information listed on the answer sheet.

Option 3: Mail the answer sheet to **Yaskawa Technical Training Services** at the address shown on the bottom of this page.

Receiving Your Score

You may review your answers with the Yaskawa Technical Training department only if a passing score is received. When the corrected test is entered into the Yaskawa record, an email is automatically generated to the test taker if a valid email address has been provided.



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Answer Sheet:

1. _____
2. _____
3. _____
4. _____
5. _____

Contact Information:

Name: _____ Title: _____

Company: _____ Email: _____

Address: _____

Phone Number: _____ Fax number: _____

Supervisor's Name/ Title: _____

Yaskawa Salesperson's Name
(if Distributor) _____

Yaskawa Distributor
(if End User) _____

Test Date: _____

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QUESTIONS

1. What items are important to have and use during the startup of a Z1000 Bypass?
 - a. Proper Personal Protective Equipment
 - b. Lockout/Tagout Equipment
 - c. Digital Multimeter
 - d. All of the above
2. All Z1000 Bypasses have a K3 Bypass contactor.
 - a. True
 - b. False
3. Which Z1000 Bypass option automatically assures a 100k SCCR rating?
 - a. Adding a third contactor
 - b. Adding a VFD Input Service Switch
 - c. Adding a custom nameplate stating the 100k rating
 - d. Adding an input circuit breaker
4. Swapping L1 and L2 on the circuit breaker or input disconnect switch will have no effect on motor direction when running in Drive mode but does have an effect on motor direction when running in Bypass mode.
 - a. True
 - b. False
5. Which is not a step of setting up a Z1000 Bypass?
 - a. Adjust Motor Overload to match motor FLA
 - b. Checking the phase to phase voltage of the incoming power
 - c. Setting the motor FLA in the Quick Setting menu
 - d. Removing the fuses on the Control Power Transformer