

**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](mailto: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.

**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 method of harmonic mitigation does the Z1000 standalone have built-in?
  - a. 3% Line Impedance
  - b. 5% Line Impedance
  - c. Trap Filter
  - d. None
  
2. The Z1000 standalone has built-in BACnet.
  - a. True
  - b. False
  
3. Which Z1000 Bypass option automatically assures a 100k AIC rating?
  - a. Adding a third contactor
  - b. Adding a VFD Input Service Switch
  - c. Adding a custom nameplate stating the 100k rating
  - d. Adding a input circuit breaker
  
4. The iQbypass function allows the VFD to run only during the evening.
  - a. True
  - b. False
  
5. Which is not a feature of the Z1000 Bypass?
  - a. Standard third contactor
  - b. Built-in RFI filter
  - c. iQbypass Function
  - d. Optional third contactor