

Certification Test

Flashing Firmware on a Commercial HVAC Z1000 Drive and Bypass

(eLM.Z1000.02.flash_drvbyp)

Taking the Certification Test

No demo unit is needed to take this test. Please record all answers on this answer sheet. Multiple-choice questions have **only one** correct answer.

A passing score is 85% (1 wrong).

Returning the Certification Test

Option 1: E-mail the answers and **all** contact info below to training@yaskawa.com.

Option 2: Fax this page to **Yaskawa Technical Training Services** at (847) 887-7185.

Receiving Your Score

You may review your answers only if a passing score is received. When the test is taken during class, you will receive your score as soon as it can be graded. When taken as a CLEP test or pre-requisite enrollment test, contact Technical Training Services via email or phone to receive your score.

AnswerSheet:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Contact Information:

Name: _____ Title: _____

Company: _____ Email: _____

Address: _____

Phone Number: _____ Fax number: _____

Supervisor's Name/ Title: _____

Name of Yaskawa Rep: _____

Test Date: _____

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1. What type of file is used for flashing the Z1000 drive?
 - A. .YFLASH
 - B. .EXE
 - C. .MOT
 - D. .ZIP
2. What type of file is used to flash the Z1000 bypass?
 - A. .YFLASH
 - B. .EXE
 - C. .MOT
 - D. .ZIP
3. Which Yaskawa software is used to perform the flashing of a Z1000 drive and bypass?
 - A. DriveWizard Industrial
 - B. DriveWorks
 - C. DriveWizard HVAC
4. After successfully flashing the drive/bypass, power down and wait at least _____ before re-applying power.
 - A. 30 seconds
 - B. 30 minutes
 - C. 5 minutes
 - D. 3 seconds
 - E. No time, there is no need to cycle power
5. Flashing a drive will clear out all existing customers programming.
 - A. True
 - B. False
6. The drives software version can be found in monitor _____.
 - A. U1-01
 - B. U5-01
 - C. U1-25
 - D. UB-18
7. The bypass software version can be found in monitor _____.
 - A. U1-01
 - B. U5-01
 - C. U1-25
 - D. UB-18