

# Certification Test



Adding and Configuring the EtherNet/IP Option Card  
TRM801-EthernetIP\_A1000 (eLM.AFD1000.02.EthernetIP)

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## 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, except where noted otherwise. Choose the best answer for each question.

A passing score is 90%.

## Returning the Certification Test

**Option 1:** Fax this page to **Yaskawa Technical Training Services** at (847) 887-7185.

**Option 2:** E-mail the answers and **all** contact info below to [training@yaskawa.com](mailto:training@yaskawa.com).

## 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.

Answer Sheet:

- |          |           |
|----------|-----------|
| 1. _____ | 6. _____  |
| 2. _____ | 7. _____  |
| 3. _____ | 8. _____  |
| 4. _____ | 9. _____  |
| 5. _____ | 10. _____ |

## **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. Which of the following Yaskawa Drives will accept an SI-EN3 or SI-EN3D EtherNet/IP board?
  - A. Only the A1000
  - B. Only the A1000 and P1000
  - C. Only the P1000 and iQpump1000
  - D. The A1000, P1000, iQpump1000, and Z1000
  
2. Adding the “V” to the end of the option board model number (i.e. SI-EN3/V) means what?
  - A. It is only for Version 10 and above
  - B. It is only for the V1000 Drive
  - C. It has dual RJ45 ports
  - D. It is the OEM version
  
3. An Yaskawa EtherNet/IP option kit contains which of the following
  - A. Option board only
  - B. Option board and installation manual
  - C. Option board, installation manual, mounting screws, and ground wires
  - D. Option board, mounting screws, and Cat5 cables
  
4. The SI-EN3 option board should only be installed into which Drive option port?
  - A. CN5-A
  - B. CN5-B
  - C. CN5-C
  - D. RJ45-A
  
5. What do the letters in DLR stand for?
  - A. Device Logic Ring
  - B. DeviceNet Logging Ring
  - C. Device Level Ring
  - D. DeviceNet Logic Rating
  
6. Which Drive parameter group configures the IP address settings of EtherNet/IP option cards?
  - A. B1 Group
  - B. F1 Group
  - C. F7 Group
  - D. U6 Group

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7. True or False: Parameters b1-01 and b1-02 must be set to setting “3” if the Drive needs to be controlled via the EtherNet/IP network.
  - A. True
  - B. False
  
8. When attaching a Yaskawa Drive with SI-EN3D option to an EtherNet/IP network which of the following is true about configuring it as a node on the network?
  - A. Its IP address must be unique on the network
  - B. Its node name must include its MAC ID
  - C. It cannot use assemblies 71 or 21
  - D. All Yaskawa devices must have an IP address ending in “.20”
  - E. All of the above
  
9. True or False: An Output Assembly refers to information output from the Drive to the PLC.
  - A. True
  - B. False
  
10. Which Yaskawa Drive monitors will show the Drive’s IP address?
  - A. U1-18 through U1-21
  - B. b1-01 and b1-02
  - C. Just F7-13
  - D. U6-80 through U6-83