

Boost up Your Certification Score

NABCEP PVIP

PV Installation Professional (PVIP) Board Certification



For More Information – Visit link below:

<https://www.examsboost.com/>

Product Version

- ✓ Up to Date products, reliable and verified.
- ✓ Questions and Answers in PDF Format.

Visit us at: <https://www.examsboost.com/test/pvip>

Latest Version: 6.0

Question: 1

What is an arc-flash boundary?

- A. The approach limit distance within which inadvertent movement exposes personnel to increase risk due to electrical arc-over potential.
- B. The approach limit distance from energized electrical equipment within which a person is considered to be exposed to full circuit voltage.
- C. The approach limit distance within which a person could receive a second-degree burn in the event that an electrical arc flash were to occur
- D. The distance within which qualified personnel can safely perform bare-handed work on exposed energized electrical equipment operating at 50 volts or more.

Answer: A

Question: 2

Which of the following voltages should be included on the dc disconnected label to indicate MAXIMUM system voltage?

- A. Temperature-corrected V
- B. Non-temperature-corrected V
- C. Source circuit V
- D. 600 V

Answer: A

Question: 3

A 15 kW system has a total derate factor of 0.90. After 5 years, output drops by 2% annually due to degradation. What is the AC output in year 5?

- A. 11.5 kW
- B. 12.2 kW
- C. 12.9 kW
- D. 13.5 kW

Answer: C

Question: 4

An installer is sizing conductors for a 200-foot PV source circuit with a current of 8A at 400V DC. The design specifies a 1.5% voltage drop using copper wire at 30°C. What is the minimum wire size required?

- A. 12 AWG
- B. 10 AWG
- C. 8 AWG
- D. 6 AWG

Answer: B

Question: 5

According to the 2020 National Electrical Code (NEC), what is the minimum required working clearance in front of a 1000V DC PV inverter installed in a non-dwelling unit?

- A. 30 inches wide, 36 inches deep
- B. 36 inches wide, 36 inches deep
- C. 36 inches wide, 48 inches deep
- D. 48 inches wide, 48 inches deep

Answer: B

Question: 6

A PV system equipped with rapid shutdown requires a label stating "RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM".

Which is the BEST description of where this label is required?

- A. On or within 3 ft. of the ac disconnect
- B. On or within 3 ft. of the ac disconnect
- C. On or within 3 ft. of the ac disconnect
- D. On or within 3 ft. of the ac disconnect

Answer: B

Question: 7

A PV module has a NOCT of 47°C. At 1000 W/m² and 35°C ambient, what is the cell temperature?

- A. 47°C
- B. 55°C
- C. 59°C
- D. 63°C

Answer: C

Question: 8

A 15 kW array has a PR of 0.88 and 1600 kWh/m²/year insolation. What is the annual output?

- A. 19,800 kWh
- B. 21,120 kWh
- C. 22,440 kWh
- D. 24,000 kWh

Answer: B

Question: 9

A PV array's tilt is 15° at a latitude of 35°N. What is the annual energy loss compared to optimal tilt?

- A. 1-2%
- B. 3-5%
- C. 6-8%
- D. 10-12%

Answer: B

Question: 10

Per NEC 690.4, who is qualified to install a PV system?

- A. Anyone with basic electrical knowledge
- B. A licensed electrician or supervised trainee
- C. Only a NABCEP-certified installer
- D. A journeyman with PV experience

Answer: B

Thank You for Trying Our Product

For More Information – **Visit link below:**

<https://www.examsboost.com/>

15 USD Discount Coupon Code:

G74JA8UF

FEATURES

- ✓ **90 Days Free Updates**
- ✓ **Money Back Pass Guarantee**
- ✓ **Instant Download or Email Attachment**
- ✓ **24/7 Live Chat Support**
- ✓ **PDF file could be used at any Platform**
- ✓ **50,000 Happy Customer**



Visit us at: <https://www.examsboost.com/test/pvip>