



## API-936 Mock Exam

Shared by Morse on 17-06-2026

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## Question 1

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Question Type: MultipleChoice

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[Installation Procedures]

The contractor on a field vibration casting job is preparing for a continuous pour that will last for three 12-hour shifts. The weather report predicts a nighttime low temperature of 35F (2C). How should the contractor be prepared?

Options:

- A- Have the castable dry mix heated to >50F (10C)
- B- Be ready to stop pouring if the temperature drops below 35F (2C)
- C- Make no special preparations
- D- Keep the install material and shell >50F (10C)

Answer:

D

## Question 2

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Question Type: MultipleChoice

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[Responsibilities and Qualifications]

Equipment used during applicator qualification testing shall be:

Options:

- A- provided by the refractory manufacturer.
- B- less than five years old.
- C- ASTM certified for qualification testing.
- D- the same as will be used for the installation.

Answer:

D

## Question 3

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Question Type: MultipleChoice

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[Responsibilities and Qualifications]

Conflicts in documents and/or drawings shall be resolved by the:

Options:

- A- inspector.
- B- owner.
- C- engineering company.
- D- inspector with 30 years of service/experience.

Answer:

B

## Question 4

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Question Type: MultipleChoice

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[Inspection and Testing Requirements]

For erosion service, density results are determined from which of the following specimens?

Options:

- A- Crushing cubes and linear change bars
- B- Abrasion plates only
- C- Crushing cubes only
- D- Abrasion plates and linear change bars

Answer:

D

## Question 5

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Question Type: MultipleChoice

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[Material Requirements]

Hydration is the process that causes refractory concrete to:

Options:

- A- resist heat.
- B- become formable.
- C- dry out.
- D- develop green strength.

Answer:

D

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## Question 6

Question Type: MultipleChoice

[Responsibilities and Qualifications]

The installation contractor is required to secure an advance agreement that concerns all the installation details from the:

Options:

- A- Engineering company.
- B- Inspector.
- C- Owner.
- D- Manufacturer.

Answer:

C

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## Question 7

Question Type: MultipleChoice

[Installation Procedures]

During gunning, inclusion of rebound is minimized by which of the following techniques?

Options:

- A- Begin gunning at the lowest level and work around to full thickness in a spiral pattern
- B- Start at the lowest level elevation and build up gradually to full thickness in complete rings
- C- Start at the lowest level and build up gradually to full thickness in an area not more than 10 ft (1 m)
- D- Cover all areas up to 1/2-in (13 mm) thick stud tip thickness before building to full thickness

Answer:

C



## Question 8

Question Type: MultipleChoice

[Installation Procedures]

When drying out a unit or vessel that has multiple refractories, schedules should be based on:

Options:

- A- the refractory with the highest density in the dryout.
- B- extending the hold times by one hour per additional refractory layer.
- C- the refractory or lining system that has the longest duration requirement.
- D- an average of heating rates and holding times for the refractories and thicknesses being dried out.

Answer:

C



## Question 9

Question Type: MultipleChoice

[Installation Procedures]

The maximum angle permitted for gunning below the horizontal is:

Options:

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A- 15.

B- 30.

C- 45.

D- 60.

Answer:

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B



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