

SAMPLE QUESTIONS

The following are sample test questions typical of the style and content of the questions used in the BCCSA line pump / shotcrete only written certification examination.

1. When is it permissible to stand on the hopper grates?
 - a. If the agitator is turned off.
 - b. If the grate is in good condition.
 - c. When cleaning the chutes.
 - d. Never.
2. Which of the following is a potential hazard of pulling a trailer pump with concrete in the hopper?
 - a. Concrete will set in the hopper.
 - b. It can lighten the tongue, making the trailer fishtail.
 - c. It will draw too much horsepower from the towing vehicle.
 - d. The extra weight will decrease the stopping distance.
3. What affects the concrete pump's maximum volume?
 - a. Low slump.
 - b. High slump.
 - c. Coloured concrete.
 - d. Small aggregate.
4. What is the most effective way to locate a blockage in a hose?
 - a. Clean out the line.
 - b. Disconnect 50' sections and check for flowing concrete.
 - c. Step or tap on the hose checking for hardness.
 - d. Listen for movement in the line while increasing pressure.
5. Which of the following is the proper calculation of ground bearing pressure based on the downward force of the outrigger?
 - a. Multiply the force of the outrigger leg by the area of soil contact.
 - b. Multiply the soil's permissible load pressure by the number of outriggers being deployed.
 - c. Divide the force of the outrigger leg by the area of soil contact.
 - d. Divide the soil's permissible load pressure by the number of outriggers being deployed.

Answer Key
1. d 2. b 3. a 4. c 5. c