

C-41 Sewage Treatment Systems (Residential) and L-41 Septic Tanks and Systems (Commercial)

Exam Number: 030617
Effective Date: 08/18/08

License Information

C-41 Sewage Treatment Systems Scope –

Installation and repair of sewage treatment systems, septic tanks, cesspools and leach fields, in compliance with the requirements of the responsible Health Departments. This scope includes the C-41R sub-classification.

L-41 Septic Tanks and Systems Scope –

Installation, alteration and repair of septic tanks, aerobic digesters and leaching fields, excavation for tanks, leaching systems and piping, pipe laying for septic systems and connection to the structure the system services. Also included is backfilling and compaction in connection with this work.

The trade test is considered equivalent for these classifications and upon passing the CBME and trade exam, either license classification may be applied for without further testing.

Examination Outline

Closed Book

80 Questions - Two-hour time limit

70% Correct required to pass

Exam Topic	%
General Knowledge	14
Septic Tanks	34
Disposal Absorption Fields	24
Installation	18
Distribution Box	5
Safety	5

References

The following references were used to create exam questions but **are not allowed** in the testing center.

1. *Arizona Blue Stake Center Pamphlet*, Arizona Blue Stake Center, 4415 South Wendler Drive, Suite 105, Tempe, AZ 85282-6410, www.azbluestake.com.
2. *ASTM C 1227 - Standard Specification for Precast Concrete Septic Tanks*, 2007, American Society for Testing and Materials, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959, www.astm.org.

3. *Excavation and Grading Handbook*, 2006, Craftsman Book Company, 6058 Corte del Cedro, Carlsbad, CA 92009, www.craftsman-book.com.
4. *Mathematics for Plumbers and Pipefitters*, Seventh Edition, 2008, Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.com.
5. *On-site Wastewater Treatment Facility Provisions in Unified Water Quality Permit Rule*, Arizona Administrative Code Title 18, Chapter 9, 2006, Arizona Department of Environmental Quality, 1110 West Washington Street, Phoenix, AZ 85007, www.azdeq.gov.
6. *State of Arizona OSHA, Safety and Health Standards for the Construction Industry (29 CFR Part 1926)*, 2007, Arizona Industrial Commission, Division of Occupational Safety & Health, Industrial Commission of Arizona, P.O. Box 19070, Phoenix, AZ 85005-9070, www.ica.state.az.us.
7. *Uniform Plumbing Code*, 2006, International Association of Plumbing and Mechanical Officials (IAPMO), 5001 East Philadelphia Street, Ontario, CA 91761-2816, www.iapmo.org.

For information on how to obtain exam references, please call toll-free 877.624.2562.

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