

License Information

Scope – To proportion, mix, and place base materials, and to place paving and surfacing consisting of graded mineral aggregates bonded with asphalt or bituminous materials so that a firm, smooth surface suitable for roadways, runways, driveways, parking areas, and play areas is obtained, including the application of seal coating and parking lot striping.

Examination Outline**Closed-Book****40 Questions – Two-hour time limit****75% Correct Required to Pass**

SUBJECT AREA	PERCENTAGE
ASPHALT PAVEMENTS AND TREATMENTS	40
EARTHWORK	22
PLANNING/SURVEYING	15
HEAVY EQUIPMENT/SAFETY	15
ESTIMATING/BASIS OF PAYMENT	8

References

The following references have been used to create exam questions but are NOT allowed in the testing center:

Primary References:

1. *Asphalt in Pavement Maintenance (MS-16)*, 1983, Asphalt Institute.
2. *Excavation and Grading Handbook*, 1995, Nick Capachi, Craftsman Book Company.
3. *Hot-Mix Asphalt Paving Handbook*, 1991, Transportation Research Board (TRB).
4. *Means Heavy Construction Handbook*, 1993, Richard C. Ringwald, R.S. Means Company, Inc.

Secondary References:

1. *29 CFR, Part 1926 (Labor)*, Occupational Safety and Health Administration, GPO: 1997.
2. *Hawaii Standard Specifications for Road, Bridge, and Public Works Construction*, 1994, Hawaii Department of Transportation.
3. *Highway Materials, Soils, and Concretes*, 1983, Harold N. Atkins, Reston Publishing Company.
4. *Moving the Earth*, 1987, H. L. Nichols, Jr., McGraw-Hill Publishing Company.
5. *Part VI of the Manual on Uniform Traffic Control Devices (MUTCD)*, 1993, U.S. Department of Transportation.
6. *Principles and Practices of Heavy Construction*, 1993, Ronald C. Smith, Prentice-Hall, Inc.
7. *Standard Specifications for Public Works Construction, "Greenbook,"* 1994, Joint Committee SCC American Public Works Association and SCD Associated General Contractors of California, Building News.

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

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