

**SPECIAL SERVICES TECHNICIAN  
STUDY GUIDE**

A written examination for the class of **SPECIAL SERVICES TECHNICIAN** to be administered in **ST. GEORGE FPD** on **APRIL 18, 2018**, will consist of **100** multiple-choice questions.

The examination will test your knowledge in the following subject areas:

<b>SUBJECT AREA/KNOWLEDGE</b>	<b>% OF EXAM</b>
<b>BUILDING MAINTENANCE SERVICES</b> Knowledge of building components and construction, including plumbing, electrical, and carpentry sufficient to maintain and make minor repairs.	<b>13.0%</b>
<b>BRAKE SYSTEMS</b> Knowledge of brake systems sufficient to perform maintenance, make repairs, or adjust the systems when needed.	<b>7.0%</b>
<b>AIR CONDITIONING/COOLING SYSTEMS</b> Knowledge of air conditioning and cooling systems sufficient to perform maintenance and repair when needed.	<b>7.0%</b>
<b>ELECTRICAL AND FUEL SYSTEMS</b> Knowledge of electrical and fuel systems sufficient to perform maintenance, repairs or adjustments to the systems when needed.	<b>13.0%</b>
<b>GENERAL AUTOMOTIVE MAINTENANCE, REPAIRS, INSTRUMENTS, AND TOOLS</b> Knowledge of general automotive equipment sufficient to troubleshoot, diagnose and repair malfunctioning components, including the use and care of instruments and tools.	<b>7.0%</b>
<b>INSPECTION, MAINTENANCE, TESTING, AND REPAIR OF PORTABLE EQUIPMENT</b> Knowledge of portable equipment, tools, and accessories commonly carried on fire apparatus sufficient to perform maintenance and repairs including self-contained breathing apparatus, nozzles and nozzle assemblies, fire hose and hose coupling, and communication equipment, including verifying that equipment is tested and meets applicable standards.	<b>30.0%</b>
<b>MANAGING EQUIPMENT/PROPERTY/SUPPLIES</b> Knowledge of the management, maintenance, and purchasing of equipment, property, and supplies, including self-contained breathing apparatus, inventory control, and the preparation of specifications on new equipment for public bids, and verifying that equipment is tested and meets applicable standards.	<b>23.0%</b>

**REFERENCE MATERIAL**

While the entire list of reference materials will be useful to you in your preparation for the upcoming examination, the **majority** of test questions are sourced from these references listed below.

**Modern Automotive Technology**

**(FIRE) HOSE PRACTICES**, IFSTA, Fire Protection Publications, Oklahoma State University, Stillwater, Oklahoma, 8th ed., 2004.

**ESSENTIALS OF FIREFIGHTING**, IFSTA, Fire Protection Publications, Oklahoma State University, Stillwater, Oklahoma, 6th ed., 2013.

**RESPIRATORY PROTECTION FOR FIRE AND EMERGENCY SERVICES**, IFSTA, Fire Protection Publications, Oklahoma State University, Stillwater, Oklahoma, 1ST ed., 2002.

**POPULAR MECHANICS-HOME HOW-TO**, Jackson, Albert, and Day, David, The Hearst Corp., an affiliate of William Morrow & Co. Inc., 1350 Avenue of the Americas, New York, NY 10019, 1st ed., 1986.

**BASIC HOME BUILDING**, Ortho Books, Box 5006, San Ramon, CA 94583-0906, 1st ed., 1991.

The local civil service board should make this study guide available to all applicants in whatever manner the board deems appropriate.

While there are no provisions requiring this office to provide study guides for any competitive or promotional examinations, this study guide has been provided as a service to assist applicants in preparing for an examination. The State Examiner's Office has no control over the local availability of reference material nor do we feel constrained to limit examination questions to only that material which is available locally. Examination content, weighting of subject areas, and length of examination may vary with each administration of an examination to reflect any updated job analysis information.