

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

# **Pumping Apparatus Driver Operator Handbook 2nd Edition Study Guide**

*FSTA NEW Editions  
Streamline Driver/Operator  
Training The new editions of  
these bestselling IFSTA fire  
apparatus driver/operator  
training materials mark a  
new approach to training  
driver/operators. Previously,  
IFSTA published two  
separate manuals with  
student and instructor  
support materials: Pumping*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*Apparatus Driver/Operator Handbook and Aerial Apparatus Driver/Operator Handbook. Fire departments with both types of apparatus needed two manuals, two curriculum and driver/operator trainees needed two exam preps to study for tests. The release of the 3rd edition of these manuals streamlines the IFSTA training resources. The Pumping Apparatus Driver/Operator Handbook, 3rd Edition covers pumping apparatus only, the second book in the pair, Pumping and Aerial Apparatus*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*Driver/Operator Handbook, 3rd Edition* contains the same 15 chapters as the pumping apparatus textbook, plus an additional 5 chapters relevant to aerial apparatus. Personnel on departments that operate both types of apparatus now only need one manual and one curriculum for training. Students only need one exam prep to prepare for testing. If a fire department does not use aerial apparatus, they use the *Pumping Apparatus Driver/Operator Handbook, 3rd Edition* and omit the

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*aerial sections of the curriculum and exam prep which include all 20 chapters. Chapters 2 and 3 are especially beneficial for all driver/operators: Inspection and Maintenance and Safety and Operating Emergency Vehicles. Pumping Apparatus Driver/Operator Handbook, 3rd edition Skill Sheets now included in the manual Key Terms added The new Fire Apparatus Manufacturer's Association (FAMA) standardized safety signs for fire apparatus are highlighted Hydraulic*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*calculations presented in a  
logical sequence making  
teaching and learning easier  
Customary and metric  
calculations in one chapter  
NEW case histories  
introduce each chapter  
NFPA® 1002 JPR  
Correlation Matrix Arabic  
edition of Pumping  
Apparatus Driver/ Operator  
Handbook, 3rd Edition now  
available. Visit <http://www.afssac.edu.sa/arhome/arabic.pado>  
for ordering  
instructions.  
Response and tactics for  
common calls, incl. carbon  
monoxide.*

*This second edition of Fire Service Pump Operator has been thoroughly updated to serve as a complete training solution that addresses pump operation, safe driving techniques, tiller and aerial apparatus operation, and water supply considerations. From basic apparatus maintenance to fire pump theory and advanced hydraulic calculations, this single manual covers everything a fire service driver/operator needs to know. Fire Service Pump Operator: Pump, Aerial, Tiller, and Mobile Water*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*Supply, Second Edition meets and exceeds the job performance requirements of Chapters 4, 5, and 10 of NFPA 1002, Fire Apparatus Driver/Operator Professional Qualifications, 2014 Edition. It also addresses all of the course outcomes from the National Fire Academy's Fire and Emergency Services Higher Education (FESHE) Associates (Core) Fire Protection Hydraulics and Water Supply course.*

*NFPA 1911  
Pumping Apparatus  
Driver/Operator Handbook  
Fire Service Pump Operator*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*Truck Company Fireground  
Operations*

*Pump, Aerial, Tiller, and  
Mobile Water Supply*

**This version includes all 21 chapters of Essentials of Fire Fighting, 6th Edition and adds three chapters written and validated to meet the emergency medical and hazardous materials requirements of NFPA® 1001, 2013 Edition. Chapter 22 specifically addresses the Firefighter I and Firefighter II knowledge and skills requirements for the emergency medical care competencies identified in**



**NFPA® 1001, 2013 Edition  
Chapter 4. Chapters 23 and  
24 meet the First  
Responder Awareness and  
Operations Levels for  
Responders according to  
NFPA® 472: Standard for  
Competence of Responders  
to Hazardous  
Materials/Weapons of Mass  
Destruction Incidents, 2012  
Edition and OSHA  
1910.120. The chapters  
also provide validated  
content to meet Section  
6.6, Mission-Specific  
Competencies: Product  
Control, of NFPA® 472. The  
hazardous materials  
information is adapted from**

**the IFSTA Hazardous Materials for First Responders, 4th Edition. The Complete Fire Inspector I and II Training Solution! Fire inspectors need to know how to interpret and apply national and local codes and standards in the office and in the field. Fire Inspector: Principles and Practice is designed to prepare fire inspectors to ensure the highest standards of fire and life safety in their communities. The National Fire Protection Association (NFPA) and the**

**International Association of Fire Chiefs (IAFC) are pleased to bring you Fire Inspector: Principles and Practice, a modern integrated teaching and learning system for the fire inspector. This textbook meets and exceeds the job performance requirements for level I and II fire inspectors from Chapters 4 and 5 of NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, 2009 Edition. Fire Inspector: Principles and Practice is built on a solid foundation of the**

**basics: building construction, fire growth, and types of occupancies. This fundamental knowledge is presented in a concise, understandable writing style that is easy to digest and recall. The solid foundation of fire and building knowledge then branches out to show the fire inspector how abstract concepts and codes will be concretely applied on a daily basis. This is the text that truly prepares fire inspectors for the real world.**

**This textbook was developed as a joint project**

**between the National  
Fallen Firefighters  
Foundation (NFFF) and Fire  
Protection Publications. It  
provides a detailed  
overview and  
implementation strategies  
for the 16 Fire Fighter Life  
Safety Initiatives that were  
developed by the NFFF at  
their landmark summit in  
2004. Each of the chapters  
was written by a different  
highly-respected fire  
service subject matter  
expert on that topic. This  
text provides the  
information necessary to  
meet the FESHE courses  
Principles of Fire and**

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

**Emergency Services Safety  
and Survival (associate  
degree level) and Advanced  
Principles in Fire and  
Emergency Services Safety  
and Survival (bachelor  
degree level).**

**The Art of Wheeling the Rig  
Engine Company**

**Fireground Operations**

**Fire Department Apparatus  
Driver Operator**

**Exam Prep: Fire**

**Department Apparatus**

**Driver/Operator**

**Aerial Apparatus Driver**

**Operator Handbook**

Brannigan's Building

Construction for the Fire

Service, Fourth Edition is a

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

must read for fire fighters, prospective fire fighters, and fire science students. This edition continues the Brannigan tradition of using plain language to describe technical information about different building types and their unique hazards. This text ensures that critical fire fighting information is easy-to-understand and gives valuable experience to fire fighters before stepping onto the fireground. The first edition of Building Construction for the Fire Service was published in 1971. Frank Brannigan was

# Online Library Pumping Apparatus Driver Operator Handbook 2nd Edition Study Guide

compelled to write the most comprehensive building construction text for the fire service so that he could save fire fighters' lives. His passion for detail and extensive practical experience helped him to develop the most popular text on the market. His motto of: "Know your buildings," informs every aspect of this new edition of the text. Listen to a Podcast with Brannigan's Building Construction for the Fire Service, Fourth Edition co-author Glenn Corbett to learn more about this



Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

training program! Glenn discusses his relationship with the late Frank Brannigan, the dangers of heavy construction timber, occupancy specific hazards, and other areas of emphasis within the Fourth Edition. To listen now, visit: [http://d2jw81rkebrcvk.cloudfront.net/assets/multimedia/audio/Building\\_Construction.mp3](http://d2jw81rkebrcvk.cloudfront.net/assets/multimedia/audio/Building_Construction.mp3).

Pumping and Aerial Apparatus Driver/Operator Handbook, 3/e provides five additional chapters to the Pumping Apparatus Driver/Operator Handbook, 3/e. These chapters are

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

devoted to driver/operators responsible for operating fire apparatus equipped with aerial devices. These include aerial ladders, aerial ladder platforms, articulating elevating platforms, telescoping elevating platforms, and water towers.

Pumping Apparatus

Driver/Operator

Handbook Pumping

Apparatus Driver/Operator

Handbook Prentice Hall

How To Excel At Fire

Department Promotional

Exams

Fire Department Apparatus

Driver/Operator

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Exam Prep  
Guide

Pumping Apparatus  
Driver/operator Handbook  
Curriculum  
Pumping Apparatus  
Driver/operator Handbook  
Author John Mittendorf has  
completely rewritten his  
best-selling book, Truck  
Company Operations, a must-  
have for all firefighters  
who are assigned to the  
truck and who have  
responsibilities for the  
truck on the fireground.  
The new second edition  
covers the many aspects,  
tasks, and functions of a  
truck company, and  
contains new and expanded

# Online Library Pumping Apparatus Driver Operator Handbook 2nd Edition Study Guide

information related to search, reading a building, reading smoke, the Ten Commandments of truck company operations, operating truck apparatus, and more--all from a truck company perspective.

Designed to thoroughly prepare you for a Fire Department Safety Officer certification, promotion, or training examination.

The Second Edition of Exam Prep: Fire Department Apparatus Driver/Operator is designed to thoroughly prepare you for a Driver/Operator certification, promotion,

# Online Library Pumping Apparatus Driver Operator Handbook 2nd Edition Study Guide

or training examination by including the same type of multiple-choice questions you are likely to encounter on the actual exam. To help improve examination scores, this preparation guide follows Performance Training Systems, Inc.'s Systematic Approach to Examination Preparation. Exam Prep: Fire Apparatus Driver Operator, Second Edition is written by fire personnel explicitly for fire personnel, and all content has been verified with the latest reference materials and by a

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

technical review  
committee. Benefits of the  
Systematic Approach to  
Examination Preparation  
include: Emphasizing areas  
of weakness Providing  
immediate feedback  
Learning material through  
context and association  
Exam Prep: Fire Department  
Apparatus Driver/Operator,  
Second Edition includes:  
Fire Apparatus  
Driver/Operator practice  
examinations Self-scoring  
guide with page references  
for further study Winning  
test-taking tips and  
helpful hints Coverage of  
NFPA 1002, Fire Apparatus

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

Driver/Operator

Professional

Qualifications, 2009

Edition

Responding to Routine

Emergencies

The Art of Reading

Buildings

NFPA's Illustrated

Dictionary of Fire Service

Terms

Building Construction

Related to the Fire

Service

**Each new print copy of Fire  
Protection Hydraulics and  
Water Supply, Revised Third  
Edition also includes Navigate  
Advantage Access that unlocks**

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

**a complete eBook, Study Center, homework and Assessment Center, and a dashboard that reports actionable data. Experience Navigate today at [www.jblnavigate.com](http://www.jblnavigate.com). Fire service pump operators must have an understanding of the many laws of science that govern the study of hydraulics and water supply in order to be able to handle the complex hydraulic problems that may arise in real world scenarios. Based on the Fire and Emergency Services in Higher Education (FESHE) model curriculum for Fire Protection Hydraulics & Water Supply,**



**the third edition of Fire Protection Hydraulics and Water Supply effectively teaches hydraulics by systematically addressing the underlying science in a way that makes challenging subject matter easier to understand and retain. Readers will be introduced to the basic properties of water and laws of hydraulics and friction loss before learning to apply formulas to calculate flow, friction loss, nozzle reaction, and more. Additionally, readers will progress to learn about: Complex principles of pump operation, including conditions**

**such as end thrust and radial hydraulic balance, the application of Newton's first law of motion as it applies to a kinetic energy pump, and the concept of Enthalpy. Various laws of physics, including Pascal's Principle, Bernoulli's Principle, and Newton's third law of motion as it applies to the concept of nozzle reaction. New and improved formulas for calculating gallons per minute, nozzle reaction, and more. Additionally, each chapter now includes: Fireground Fact boxes that provide real world context or additional information on important topics. Case studies**

**that emphasize a law or principle presented in the text. Updated key terms, formulas, and end-of-chapter resources. ? Revision Notes Revised table 5-1 Table 5-1 has been revised to include C Factors for all common smooth bore tip sizes. The C Factors are necessary for the version of Freeman's Formula used in the book for calculating flow from a smooth bore nozzle. The version of Freeman's formula used in Fire Protection Hydraulics and Water Supply, Revised 3rd Ed is the same one used in Section 15, Chapter 3, of the 20th edition of the Fire Protection Handbook, which is**

**the current Fire Protection Handbook. No other current book on fire service hydraulics uses this version of Freeman's Formula. All other hydraulic books used a dumbed down version of Freeman's Formula that doesn't use C Factors. The C Factors in table 5-1 are used throughout the remainder of this book whenever the flow from a smooth bore nozzle is needed to solve a problem. Revised table 6-1 Table 6-1 contains Conversion Factors necessary when finding friction loss in various size hose. The revised Table 6-1 in Fire Protection Hydraulics and Water Supply, Revised 3rd Ed**

**has added a third column with conversion factors to be used when calculating friction loss using the abbreviated formula, as explained in Chapter 6. The Conversion Factors from table 6-1 are used throughout the remainder of this book whenever FL 100 must be calculated.**

**Drive to Survive: The Art of Wheeling the Rig provides an in-depth examination of fire apparatus vehicle dynamics. This is not your average "driver training" textbook. Fire apparatus operators must understand how a vehicle maneuvers at roadway speed, and more importantly...why**

**does it crash? Just as a doctor cannot heal the human body without a thorough understanding of anatomy and physiology, an emergency vehicle operator cannot safely drive a fire apparatus without an in-depth knowledge of vehicle dynamics. Drive to Survive fills in the gaps between vehicle dynamics and crash causation. After 15 years of training and research, Chris Daly developed a training program combining his fire service and crash reconstruction training experience. Fire apparatus operators will learn the limits of driving an emergency**

**vehicle and will understand that no matter how long they have been driving or how good they think they are, at some point physics will take over and the vehicle will lose control. Drive to Survive goes beyond talking about pump operations, aerial operations, and preventative maintenance. We can reduce the number of emergency vehicle crashes throughout the world by addressing key issues and providing emergency vehicle operations course (EVOC) instructors with methods to convey these concepts. Concepts you learn in this book relate to more**

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

**than just driving a fire apparatus. These principles apply to anyone who drives a vehicle, including your family members and loved ones. This outstanding text presents complete coverage of truck company operational procedures. Truck Company Fireground Operations describes procedures for working structural fires, and helps you train responders on rescue, ventilation, forcible entry, salvage, and more! Study Guide for the Second Edition of Pumping Apparatus Driver/operator Handbook Exam Prep for the Third Edition of Pumping and Aerial**



Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

**Apparatus Driver/operator  
Handbook**

**L'Image réciproque  
Driver Operator's Handbook  
Fundamentals of Fire Fighter  
Skills**

The Art of Reading Buildings focuses on the practical art of reading a building and applying its positive and negative attributes in developing a size-up for fireground operations that center on structure fires. First-due company officers, incident commanders, and safety officers will appreciate the practical “street-wise” lessons captured in the book. Chief officers, training officers, engineers, firefighters, and fire science degree candidates will benefit from the wide range of building construction topics covered in this text. Features include:

# Online Library Pumping Apparatus Driver Operator Handbook 2nd Edition Study Guide

- Understand the technical and practical aspects of building construction
- Learn on-the-spot building construction assessment using the authors' custom Rapid Street-Read Guides
- Develop a quick construction size-up for immediate application to fireground operations
- Recognize firefighter traps in newer and alternative construction methods
- This text covers objectives for the National Fire Academy's Fire and Emergency Services in Higher Education (FESHE) Building Construction for Fire Protection course

"Not validated test questions and are not intended to be duplicated or used for certification or promotional examinations"--P. ii.

Illustrated dictionary features approximately 4,000 firefighting, fire

# Online Library Pumping Apparatus Driver Operator Handbook 2nd Edition Study Guide

safety and electrical terms and their definitions. Special features of this dictionary include reference to NFPA code of origin following each definition, a complete listing of NFPA's standards and common firefighting acronyms.

Truck Company Operations  
Standard for the Inspection,  
Maintenance, Testing, and  
Retirement of In-service Emergency  
Vehicles, 2017

Fire and Emergency Services  
Instructor

Drive to Survive

Understanding and Implementing the  
16 Firefighter Life Safety Initiatives

*Airport Firefighters, Airport Driver  
Operators, and Airport Crew  
Chiefs will use this text to meet  
the most current NFPA, FARs,*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

and ICAO requirements. The book includes: \* 31 Skill Sheets NEW in this edition \* Photos, Illustrations and Learning Activities - ALL NEW \* Review Questions for all 12 chapters \* Exam Prep for students is a separate item This book provides the information firefighters need to effectively perform the tasks for aircraft rescue and fire fighting and to complete airport firefighter certification. Content includes: \* Familiarization with civilian and military aircraft \* Airport familiarization \* Operating structural and specialized aircraft fire fighting apparatus and equipment \* Safety and aircraft

*Hazards \* Airport fire and rescue communications \* Rescue tools and equipment including gaining access to aircraft interiors \* Aircraft fuels, aircraft components and extinguishing agents \* Aircraft fire suppression and strategy and tactics including engines, auxiliary power units, wheel assemblies, and rocket engines \* ARFF vehicle driver operator \* Airport emergency planning \* The theory and practice of aircraft fire fighting and rescue operations*

*The information in this manual is intended to meet the requirements of NFPA 1003: Standard for Airport Fire Fighter*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*Professional Qualifications (2015) NFPA 1002: Standard on Fire Apparatus Driver/Operator Professional Qualifications (2014) Chapter 9 requirements are also included. NFPA 402: Guide for Aircraft Rescue and Fire-Fighting Operations (2013) and NFPA 403: Standard for Aircraft Rescue and Fire-Fighting Services at Airports (2014) are referenced throughout the book. Federal Aviation Regulations (FARs) 139.315, 139.317, and the International Civil Aviation Organization (ICAO) Airport Services Manual, Parts 1 and 7 training requirements are also included. Complete IFSTA*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*Curriculum is a separate item and provided by IFSTA at no cost to qualified instructors.*

*The National Fire Protection Association (NFPA) and Jones & Bartlett Learning are pleased to bring you the fourth edition of Engine Company Fireground Operations. This expanded edition incorporates the latest recommendations from UL and the National Institute of Standards and Technology (NIST) into every aspect of fire attack and ventilation and presents an extensive study of engine company fire ground operations. This new edition is an ideal resource for fire service*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*personnel preparing for promotion or studying for a civil service examination. Firefighters and company officers will gain knowledge in fire science, building construction, and the effects of burning modern fuels that result in extreme fire behavior. Specific features include: Detailed illustrations that show the tactics and approaches described in each chapter Case studies of strategies and tactics that resulted in firefighter line of duty deaths, as well as those that were successful, incorporated into the recommended practices of engine company fire attack,*



Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*rescue, and ventilation Detailed information on size-up that applies risk management principles to the Value-Time-Size method, which considers survivability profiling and threshold limits, identifying problems, selecting strategies and tactics, developing a quick incident action plan, and applying a functional accountability system for safety A significant emphasis on attacking residential and commercial basement fires A one-of-its-kind chapter on fireground operations and responsibilities for company level high-rise firefighting, with special*

*attention paid to fire behavior within high-rise buildings In-depth coverage of all the basic engine company responsibilities, including: Equipment Initial hose lays and water supplies The deployment of attack, back-up, and exposure hose lines Rapid intervention teams Search and rescue Master streams Fire protection systems Standpipe operations Salvage and overhaul Understanding hydraulics and pump operations doesn't have to be difficult, and it is of key importance to the science of fire engineering. Putting all the pieces together correctly so that the right stream is brought to the*

*fire is essential to effective fireground operations. In the second edition of Fire Service Hydraulics and Pump Operations, author Paul Spurgeon, engineer/pump operator with the Denver Fire Department, breaks down the sometimes difficult-to-understand formulas of hydraulics and pumps into easily learned steps, taking care to explain the hows and whys of each formula discussed. Using an in-the-street, practical approach, Spurgeon teaches readers how to develop proper fire streams as well as how they relate to overall fireground strategies. He covers*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*hydraulics and pumps extensively—from the properties of water to its supply to pumping to sprinkler systems and foams. So readers can put what they've learned into practice, Spurgeon provides both end-of-chapter tests and practice sets at the end of the book, complete with answers so that readers can check their knowledge. The second edition includes numerous updates and additions, including the Rule of Thumb chapter that illustrates how to perform these complex calculations while under stress on the fireground. This text meets the learning objectives for*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*FESHE Fire Protection  
Hydraulics and Water Supply  
course work. Features and  
Benefits: • Summary of chapter  
formulas • End-of-chapter tests  
with answers • Practice sets with  
answers to further test your  
understanding*

*Fire Protection Hydraulics and  
Water Supply, Revised Third  
Edition*

*Fire Officer*

*Pumping Apparatus*

*Fire Service Hydraulics & Pump  
Operations, 2nd Ed*

*Fire Department Safety Officer*

*This guide is designed to  
thoroughly prepare you to sit for a  
Fire Apparatus Driver Operator*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

examination. Teaching you the test-taking strategies used. Your exam performance will improve after using this system.

*This textbook matches the course outline and objectives identified by the National Fire Academy's Fire and Emergency Services Higher Education (FESHE) committee for the Building Construction for Fire Protection core course. This new 3rd edition provides the reader with basic instruction about how buildings are designed and constructed and how this relates to emergency operations. In addition to basic construction principles, a new emphasis is placed on firefighter safety, newer types of construction that may be*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*difficult to identify, and green construction principles. This edition is illustrated with new drawings and photos, case histories that emphasize real-life safety principles, key terms, and review questions. Fire inspectors, preincident planners, fireground commanders, investigators, and firefighters will all find useful and valuable information in this new edition.*

*The National Fire Protection Association (NFPA) And The International Association Of Fire Chiefs (IAFC) Are Pleased To Bring You The Second Edition Of Fire Officer: Principles And Practice, A Modern Integrated Teaching And Learning System For The Fire*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*Officer I And II Levels. Fire Officers  
Need To Know How To Make The  
Transition From Fire Fighter To  
Leader. Fire Officer: Principles And  
Practice, Second Edition Is  
Designed To Help Fire Fighters  
Make A Smooth Transition To Fire  
Officer. Covering The Entire Scope  
Of NFPA 1021, Standard For Fire  
Officer Professional Qualifications,  
2009 Edition, Fire Officer  
Combines Current Content With  
Dynamic Features And Interactive  
Technology To Better Support  
Instructors And Help Prepare  
Future Fire Officers For Any  
Situation That May Arise. Safety Is  
Principle! The Second Edition  
Features A Laser-Like Focus On  
Fire Fighter Safety. Reducing Fire*



Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*Fighter Injuries And Deaths Requires The Dedicated Efforts Of Every Fire Fighter, Fire Officer, Fire Department, And The Entire Fire Community Working Together. It Is With This Goal In Mind That We Have Integrated The 16 Firefighter Life Safety Initiatives Developed By The National Fallen Firefighters Foundation Into The Text.*

*Likewise, In Each Of The Chapters, Actual National Fire Fighter Near-Miss Reporting System Cases Are Discussed To Drive Home Safety And The Lessons Learned From Those Incidents. Some Of The Guiding Principles Added To The New Edition Include: •Description Of The “Everybody Goes Home” And The National Fire Fighter Near-*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*Miss Reporting System, Including Over A Dozen Company Officer Near-Miss Examples Throughout The Text. •Description Of The IAFC/IAFF Firefighter Safety And Deployment Study. •The Latest Fire Fighter Death And Injury Issues As Reported By The NFPA? National Fallen Firefighters Foundation, IAFC, And IAFF, Including Results Of A Thirty-Year Retrospective Study. •Changes In Fire-Ground Accountability And Rapid Intervention Practices. •Results Of National Institute Of Standards And Technology Research On Wind-Driven Fires, Thermal Imaging Cameras, And Fire Dynamics As Related To Fire Fighter Survival. •The Latest*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

*Developments In Crew Resource Management. The Second Edition Also Reflects The Latest Developments In: •Building A Personal Development Plan Through Education, Training, Self-Development, And Experience, Including A Description Of The Fire And Emergency Services Higher Education (FESHE) Program. •The Impact Of Blogs, Video Sharing, And Social Networks. •How To Budget For A Grant. •Changes In The National Response Framework And National Incident Management System. Additional Items Related To Fire Fighter Safety And Health Are Included. Based on the Ifsta First Edition Fire and Emergency Services*

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Company Officer  
Guide

*Principles and Practice*

*Aircraft Rescue and Firefighting*

*Interactive Study Guide for*

*Pumping Apparatus*

*Driver/Operator Handbook*

Tankers account for the largest number of firefighter crash deaths of all types of fire department vehicles.

This report examines the various causal factors that have been identified as

problematic for tankers and their drivers.

Learn to safely and effectively drive and

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

operate an apparatus  
with fire pumpers with  
the new Fire Service  
Pump Operator:  
Principles and Practice!  
This text is the core of  
a complete teaching and  
learning system that  
thoroughly supports  
instructors and prepares  
students for the job.  
The text includes up-to-  
date coverage the 2009  
Edition of NFPA 1002,  
Standard for Fire  
Apparatus  
Driver/Operator  
Professional  
Qualifications. This

# Online Library Pumping Apparatus Driver Operator Handbook 2nd Edition Study Guide

text provides a thorough understanding of the types of fire apparatus equipped with pumps, how to safely drive them, and how to properly maintain these vehicles through inspection and testing programs.

Students will also learn how to operate fire pumps by gaining an understanding of water supply, nozzles and flow rates, optimal positioning, and more.

This new IFSTA manual details the training required of Company

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

Officers according to NFPA® 1021, Standard for Fire Officer Professional Qualifications, 2014 Edition. The manual is divided into two sections to make a clear distinction between the information needed for Fire Officer Level I and Fire Officer Level II. Both print and eBook formats are available. There is no shortage of issues that a company officer might face in the everyday operation of a fire company or

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

unit. This manual addresses the wide range of topics and issues encountered by a company officer, from leadership and supervision to health and safety issues. Great attention was given to focus on the job performance requirements of NFPA® 1021. The fifth edition of Fire and Emergency Services Company Officer builds on the previous edition of the manual while presenting the material in a more concise manner to make



Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

it easier for students to read and instructors to teach. By merging related topics, the number of chapters was reduced from 32 in the fourth edition to 17 in the new manual while preserving the material related to the NFPA® standard. The number of appendices was reduced from 20 to 4 by removing information that can be found in other media. Along with reducing the volume of material from the fourth edition, the fifth edition of Fire

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

and Emergency Services Company Officer offers several new features. The manual features a new look with IFSTA's single-column format and upgraded and updated curriculum components. Learning activities are included to help instructors present the material to their students. Case Histories open each chapter to illustrate important lessons learned in the real world. Photographs, illustrations, and tables are included

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide

throughout the manual to  
illustrate key points  
and improve the overall  
instructional value of  
the material.

Pumping and Aerial  
Apparatus  
Driver/Operator Handbook  
Fire Apparatus  
Driver/Operator  
Essentials of Fire  
Fighting and Fire  
Department Operations  
Test Preparation Guide  
for Pumping Apparatus  
Driver/operator Handbook  
Brannigan's Building  
Construction for the  
Fire Service

# Online Library Pumping Apparatus Driver Operator Handbook 2nd Edition Study Guide

Getting promoted in the fire service is not an easy process. Many people have that desire to promote, but for whatever reason cannot put the pieces together to make it a reality. Over the 20 plus years I have been in the fire service, I have had the opportunity to be on both sides of the promotional process - as a candidate, and as a rater and proctor. This book will assist fire department personnel specifically prepare for their next promotional exam. Promotional candidates will be exposed to and offered key points for the most common tasks and events within a fire department promotional process including, but not limited to: promotional preparation, completing the application, resume preparation, the written exam, the oral interview, the personnel problem, the oral presentation, and the emergency simulation.

Safe Operation of Fire Tankers

Online Library Pumping  
Apparatus Driver Operator  
Handbook 2nd Edition Study  
Guide  
Léopold Sédar Senghor : son oeuvre, les  
peintres - graveurs et le poète