



# Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army

*Department of Defense*

Download now

[Click here](#) if your download doesn't start automatically

# Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army

*Department of Defense*

## **Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army Department of Defense**

This manual provides information on the maintenance of marine diesel engines, and principles of operation, auxiliary equipment, and related systems. General instructions and precautions requiring special attention are included for guidance. Contents of this manual: PREFACE, 1 PERSONNEL, DUTIES, AND RECORDS: 2 MARINE ENGINEERING SAFETY: 3 BASIC PRINCIPLES OF ENGINES: Section I. UNITS OF MEASUREMENT: Section II. ENGINE MECHANICS, Section III. PETROLEUM PRODUCTS, 4 RECIPROCATING INTERNAL-COMBUSTION ENGINES, 5 PRINCIPAL STATIONARY ENGINE PARTS, Section I. ENGINE FRAMES, Section II. CYLINDER ASSEMBLIES, Section III. ENGINE MOUNTINGS, 6 PRINCIPAL MOVING AND RELATED PARTS, Section I. TYPES OF VALVES AND VALVE ACTUATING MECHANISMS .. 6-1, Section II. PISTON AND ROD ASSEMBLIES, Section III. SHAFTS, Section IV. BEARINGS, 7 OPERATING MECHANISMS FOR ENGINE PARTS, 8 FUEL SYSTEMS AND ENGINE SPEED CONTROLS, Section I. REQUIREMENTS OF FUEL SYSTEMS, Section II. EXTERNAL FUEL SYSTEMS, Section III. FUEL INJECTION SYSTEMS, Section IV. ENGINE SPEED CONTROL DEVICES, 9 AIR INTAKE AND EXHAUST SYSTEMS, Section I. INTAKE SYSTEMS, Section II. EXHAUST SYSTEMS, 10 LUBRICATING OIL SYSTEMS, 11 COOLING SYSTEMS, 12 STARTING SYSTEMS, 13 TRANSMISSION OF ENGINE POWER, 14 DIESEL ENGINE OPERATING PROCEDURES, 15 TROUBLESHOOTING, 16 PROPELLERS, 17 PUMPS AND VALVES, Section I. PURPOSE AND CLASSIFICATION OF PUMPS, Section II. PURPOSE AND CLASSIFICATION OF VALVES, 18 PIPING, SEALS (GASKETS AND PACKING), AND INSULATION Section I. PIPING AND TUBING, Section II. SEALS, Section III. INSULATION, 19 INSTRUMENTS, 20 COMPRESSED AIR SYSTEMS, 21 HEATING AND VENTILATING SYSTEMS, Section I. BOILER SPECIFICATIONS, Section II. WAY-WOLFF BOILER, Section III. CRANE BOILER, Section IV. HEATING AND COOLING SYSTEMS, 22 AUXILIARY EQUIPMENT, 23 ENGINEER ADMINISTRATION, SUPERVISION, AND TRAINING: Glossary; References; Index.

 [Download Operation and Maintenance of Marine Diesel Engines ...pdf](#)

 [Read Online Operation and Maintenance of Marine Diesel Engin ...pdf](#)

## **Download and Read Free Online Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army Department of Defense**

---

### **From reader reviews:**

#### **Carlos Pollard:**

Have you spare time for just a day? What do you do when you have a lot more or little spare time? Yes, you can choose the suitable activity for spend your time. Any person spent their very own spare time to take a walk, shopping, or went to the actual Mall. How about open or even read a book allowed Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army? Maybe it is to get best activity for you. You know beside you can spend your time together with your favorite's book, you can cleverer than before. Do you agree with the opinion or you have different opinion?

#### **Elliott Townsend:**

As people who live in the particular modest era should be up-date about what going on or info even knowledge to make all of them keep up with the era that is always change and move ahead. Some of you maybe can update themselves by looking at books. It is a good choice in your case but the problems coming to anyone is you don't know what kind you should start with. This Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army is our recommendation to make you keep up with the world. Why, since this book serves what you want and want in this era.

#### **Ira Atwood:**

The book untitled Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army is the reserve that recommended to you to read. You can see the quality of the e-book content that will be shown to an individual. The language that writer use to explained their way of doing something is easily to understand. The article writer was did a lot of analysis when write the book, so the information that they share for your requirements is absolutely accurate. You also could possibly get the e-book of Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army from the publisher to make you considerably more enjoy free time.

#### **Abigail Shelton:**

Do you like reading a e-book? Confuse to looking for your preferred book? Or your book ended up being rare? Why so many problem for the book? But any people feel that they enjoy for reading. Some people likes examining, not only science book but novel and Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army or maybe others sources were given understanding for you. After you know how the truly great a book, you feel wish to read more and more. Science publication was created for teacher as well as students especially. Those textbooks are helping them to add their knowledge. In different case, beside science publication, any other book likes Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army to make your spare time a lot more colorful. Many types of book like this.

**Download and Read Online Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army Department of Defense #S67WPGY8CBF**

# **Read Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army by Department of Defense for online ebook**

Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army by Department of Defense Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army by Department of Defense books to read online.

## **Online Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army by Department of Defense ebook PDF download**

**Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army by Department of Defense Doc**

**Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army by Department of Defense Mobipocket**

**Operation and Maintenance of Marine Diesel Engines, Auxiliary Equipment, and Related Systems U.S. Army by Department of Defense EPub**