

The following is a list of the charts, reference publications and text books currently in use by the Engineering Examination Team at the U.S. Coast Guard National Maritime Center, as of September 2016.

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
GENERAL SUBJECTS				
Refrigeration and Air Conditioning/Heating and Ventilation				
2009 ASHRAE Handbook - American Society of Heating, Refrigeration and Air Conditioning Engineers		ASHRAE	ASHRAE	978-1-933742-54-0
Air Conditioning and Refrigeration	2011	Miller, Miller	McGraw-Hill	978-0071761406
Commercial Refrigeration for Air Conditioning Technicians	2010	Wirz	Delmar Cengage Learning	978-1428335264
Container Refrigeration		Maheshwar	Witherbys	978-1-905331253
Food Transportation		Heap, Kierstan, Ford	Blackie Academic & Professional	0751404128
Handbook of Air Conditioning System Design		Carrier Corp	McGraw-Hill	07-010090-x
Electrical Plants and Electric Propulsion on Ships	1st Edition, 2013	Giuffrida, Marco		978-1-291-56076-3
Marine Refrigeration and Air Conditioning		Harbach	Schiffer Publishing	9780870335655
Modern Refrigeration and Air Conditioning	18th	Turnquist, Bracciano	Goodheart-Willcox	9781590702802
Planning for Seafood Freezing	2007	Kolbe, Kramer	Univ of Alaska	1-56612-119-1
Refrigerants and the Environment	Third	Carr	Environmental Training Group	
Refrigerated Transportation	1999	Sinclair, J.	Witherbys	978-1856091855
Refrigerating Machinery and Air Conditioning Plant		Stott	Marine Media Management Ltd.	090097611x

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Seafood Chilling, Refrigeration, and Freezing: Science and Technology	1st, 2015	Gokoglu, Nalan & Yerlikaya, Pinar	John Wiley & Sons	9781118512180
Seafood Regulations Compliance Manual		A. Welt	Chapman & Hall	0-412-98751-1
Technician Certification for Refrigerants	Second	Styles	American Technical Publishers	978-0-8269-0698-4
Understanding Electricity and Wiring Diagrams for HVAC/R		Chatenever	Prentice Hall	0-13-517897-5
Hydraulics and Pneumatics				
Applied Marine Hydraulics		Stutman	Schiffer Publishing	0870333666
Basic Applied Fluid Power		Oster	McGraw-Hill	
Compressed Air Operations Manual	2006	Elliott	McGraw-Hill	978-0071475266
Handbook of Hydraulics	5th	King, Brater	McGraw-Hill	07-034601-1
Hydraulic Power Transmission in Marine Machinery		Joy	IMarEST	0900976381
Hydraulics and Pneumatics	Second	Parr	Butterworth Heinemann	978-07506-44198
Industrial Hydraulics	Second	Pippenger, Hicks	McGraw-Hill	
Industrial Hydraulics Manual	5th	Eaton Corp	Eaton Hydraulics	9780978802202
Pneumatics and Hydraulics		Stewart	Theodore Audel & Co.	0-672-23237-5
Simplified Hydraulics		McNickle	McGraw-Hill	
Ship Construction and Naval Architecture				
Applied Naval Architecture		Zubaly	Cornell Maritime Press	0-87033-4751
Basic Ship Theory, Vol 1	2nd	Rawson, Tupper	Longman Inc.	058244523x
Basic Ship Theory, Vol 2	2nd	Rawson, Tupper	Longman Inc.	0582445248

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Introduction to Naval Architecture	Fourth	Gillmer, Johnson	US Naval Institute	0-87021-318-0
Introduction to Naval Architecture		Tupper	Elsevier Butterworth Heinemann	978-0-7506-6554-4
Merchant Ship Construction		Pursey	Brown Son & Ferguson	0851744540
Merchant Ship Construction		Taylor	Butterworths	0408-004088
Reed's Marine Engineering Series Vol 4 - Naval Architecture for Marine Engineers		E A Stokoe	Adlard Coles Nautical	0-713-66734-6
Reed's Marine Engineering Series Vol 5 - Ship Construction for Mariner Students		E A Stokoe	Adlard Coles Nautical	0-7136-7178-5
The Maritime Engineering Reference Book		Molland	Elsevier Butterworth Heinemann	978-07506-8987-8
Welding and Metallurgy				
Corrosion for Marine and Offshore Engineers		Rowlands, Angell	The Institute of Marine Engineers	0-907206-94-8
Fabrication and Welding Engineering		Timings	Elsevier Newnes	978-0-7506-6691-6
Introduction to Physical Metallurgy		Avner	McGraw-Hill	07-002495-2
Metallurgy Fundamentals		Brandt, Warner	The Goodheart-Willcox Co., Inc.	1-59070-345-6
Metals and How to Weld Them	2nd	Jefferson, Woods	James F. Lincoln Arc Welding Foundation	
Modern Welding		Turnquist, Bowditch	Goodheart-Willcox	0-87006-210-7
Oxyacetylene Welding		Potter	American Technical Society	
Oxyfuel Gas Welding	Seventh	Bowditch, Bowditch	Goodheart-Willcox	978-1605255743
Pipe Welding Procedures	Second	Rampaul	Industrial Press	978-0-8311-3141-8
Procedure Handbook of Arc Welding		Lincoln Electric Co.	Lincoln Electric Co.	

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Welding and Metal Fabrication		Jeffus	Delmar, Cengage Learning	978-1-4180-1374-5
Welding Engineering		Rossi	McGraw-Hill	
Welding Skills	Fourth	Moniz, Miller	American Technical Publishers	978-0-8269-2992-1
Engineering Sciences and Mathematics				
Applied Mathematics for the Petroleum and Other Industries	Fourth	Petroleum Extension Service	The Univ of Texas at Austin	0-88698-211-1
Applied Mechanics	3rd	Hannah, Hillier	Longman Pearson Education	0-58225632-1
Basic Thermodynamics		Skrotzki	McGraw-Hill	
Elements of Applied Thermodynamics		Johnston, Brockett, Bock, Keating	Naval Institute Press	1-55750-226-9
Engineering Mechanics Statics	11th	Hibbeler	Pearson Prentice Hall	0-13-221500-4
Engineering Thermodynamics	4th	Burghardt, Harbach	Schiffer Publishing	0-87033-521-9
Mathematics for Engineers	Revised	L. Jackson	Adlard Coles Nautical	978-0-7136-6837-7
Mathematics for Engineers and Technologists		Fox, Bolton	Butterworth Heinemann	978-07506-5544-6
Physics: Principles and Insights		Freeman	McGraw-Hill	
Principles of Physics	5th	Bueche	McGraw-Hill	0-07-008892-6
Reed's Marine Engineering Series Vol 2 - Applied Mechanics for Engineers		Obe - Revised L. Jackson	Adlard Coles Nautical	978-0-7136-7258-9
Reed's Marine Engineering Series Vol 3 - Applied Heat for Engineers		Obe - Revised L. Jackson	Adlard Coles Nautical	978-0-7136-6733-2

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Instrumentation and Control Technology/Automation/Governors				
Application of Automatic Machinery and Alarm Equipment in Ships		Smith	IMarEST	0-900976-15-2
Automatic Control Engineering		Raven	McGraw-Hill	07-051227-2
Basic Instrumentation		O'Higgins	McGraw-Hill	
Basic Instrumentation	Fourth	Petroleum Extension Service	Univ of Texas at Austin	0-88698-197-2
Control Engineer's Handbook		Truxal	McGraw-Hill	
Feedback Control Systems		Bruns, Saunders	McGraw-Hill	
Handbook of Applied Instrumentation		Considine, Ross	McGraw-Hill	
Handbook of Instrumentation and Controls		Kallen	McGraw-Hill	
Industrial Control Handbook		Parr	Industrial Press	0-7506-3934-2
Industrial Instrument Servicing Handbook		Carroll	McGraw-Hill	
Industrial Instrumentation Fundamentals		Fribance	McGraw-Hill	07-022370-x
Instrumentation		Kirk, Rimboi	American Technical Society	0-8269-3422-6
Instrumentation	2010, 5th	Kirk, Weedon, Kirk	American Technical Publications	978-0826934307
Instrumentation for Process Measurement and Control	3rd	Anderson	Chilton Company	0-8019-6766-x
Introduction to Control System Technology	7th	Bateson	Prentice Hall	0-13-030688-6
Modern Control Technology	3rd	Kilian	Delmar Cengage Learning	9781401858063
Power Plant Control and Instrumentation - the control of boilers and HRSG systems		Lindsley	Institute of Engineering & Tech	978-0-85296-765-2
Process Automation Handbook		Love	Springer	978-1-846282-812

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Reed's Marine Engineering Series Vol 10 - Instrumentation and Control Systems		L. Jackson	Adlard Coles Nautical	978-0-713-66731-1
Theory and Applications of Automatic Control	2007, 4th	Nakra	New Age Int'l Publishers	81-224-1686-1
Engineering Graphics				
Engineering Drawing-French	9th	French, Vierck	McGraw-Hill	
Engineering Drawing for Marine Engineers		Barr, Holburn	Simmons Boardman Publishing Corp.	
Engineering Drawing for Marine Engineers	2nd	Beck	Thomas Reed Publications	0-901281-66-2
Engineering Drawing with Worked Examples	1990	Parker	Stanley Thomes Publishers	0-7487-0311X
Engineering Technical Drafting and Graphics	3rd	Giachino, Beukemia	American Technical Society	0-8269-1145-5
How to Read Shop Drawings		Lincoln Electric Co.	Lincoln Electric Co.	
Machine Trades Print Reading	1995	Proctor, Holloway, Gosse	American Technical Publications	978-0826918642
Mechanical Drawing	7th	Svenson	McGraw-Hill	
Technical Sketching and Drawing			American Technical Publications	978-0-8269-1164-3
Hand Tools/Measuring Instruments/Machine Tool Operations				
How to Run a Lathe		South Bend Lathe	South Bend Lathe	
Machine Shop Operations and Setups	1973, 4th	Lascoe, Nelson, Porter	American Technical Publications	978-0826918420
Machine Tool Metalworking		Feirer, Tatro	McGraw-Hill	07-020366-0
Machine Tool Operation, Parts 1 and 2		Burghardt, Axelrod, Anderson	McGraw-Hill	07-008966-3
Machine Tool Practices	2009, Ninth	Kibbe, Meyer, Neely, White	Prentice Hall	978-0135015087
Machinery's Handbook	28th	Orberg, Jones, Horton, Ryffel	Industrial Press	978-0-8311-2800-5

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Mechanic's Guide to Precision Measuring Tools	1999	Aird	MBI Publishing Co.	0-7603-0545-5
The New American Machinist's Handbook		LeGrand	McGraw-Hill	07-037065-6
Petroleum Products				
An Introduction to Fuel Analysis	2009	Petrospot Limited	Petrospot Ltd.	978-0954809737
Bunker Fuel for Marine Engines	2012	Petrospot Limited	Petrospot Ltd.	978-1908663009
Marine Fuels & Emissions	2013		Witherbys	978-1856095976
Petroleum Products Handbook		Guthrie	McGraw-Hill	
Plant Maintenance Practices				
Industrial Mechanics	2012, 3rd	Kemp	American Technical Publications	978-0826937056
Industrial Mechanics and Maintenance	3rd	Chastain	Pearson Prentice Hall	978-0-13-515096-2
Machine Devices and Components Illustrated Sourcebook	2004	Parmley	McGraw-Hill	978-0071436878
Maintenance Engineering Handbook	7th	Mobley, Higgins, Wikoff	McGraw-Hill	978-0-07-154646-1
Maintenance Fundamentals	2004, 2nd	Mobley	Elsevier Butterworth - Heinemann	0-7506-7798-8
Maximizing Machinery Uptime	Vol 5	Bloch, Geitner	Gulf Professional Publishing	978-0-7506-7725-7
Power Plant Equipment - Operation and Maintenance Guide		Kiameh	McGraw-Hill	978-0-07-177221-1
Shaft Alignment Handbook	Third	Piotrowski	CRC Press	1-57444-721-1
Standard Handbook of Plant Engineering	3rd	Rosaler	McGraw-Hill	0-07-136192-8
Total Plant - Performance Management		Mobley	Gulf Publishing Company	0-88415-877-2

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Piping System Hardware (pumps, valves, pipe, fittings, accessories, heat exchangers)				
Centrifugal Pump Clinic	1989	Karassik	Marcel Dekker, Inc.	0-8247-8072-8
Centrifugal Pumps		Karassik, Carter	McGraw-Hill	07-033359-9
Handbook of Valves and Actuators	2007	Nesbitt	Elsevier	978-1856174947
Heat Exchangers: Selection, Rating, and Thermal Design	2002, 2nd	Kakac, Liu	CRC Press	978-0849309021
Piping Handbook	5th	Crocker, King	McGraw-Hill	
Piping System Fundamentals		Hardee	Engineered Software, Inc.	978-0-918601-10-0
Piping Systems Manual	2009	Silowash	McGraw-Hill	978-0071592765
Plate Heat Exchangers: Design, Applications and Performance		Sunden and Manglik	WIT Press	978-1-85312-737-3
Pump Characteristics and Applications	Second	Volk	CRC Press	0-8247-2755-x
Pump Handbook		Karassik, Krutzsch, Fraswer, Messina	McGraw-Hill	978-0-82472-755-0
Pump Operation and Maintenance		Hicks	McGraw-Hill	
Seals and Sealing Handbook	5th	Flitney	Butterworth Heinemann	978-1-85617-461-9
Tubular Heat Exchanger - Inspection, Maintenance, and Repair		Andreone, Yokell	McGraw-Hill	0-07-001778-6
Valve Handbook	Third	Skousen	McGraw-Hill	978-0-07-174389-1
International Rules and Regulations				
MARPOL		Int'l Maritime Org.	Int'l Maritime Org.	92-801-4223-5
SOLAS	2009	Int'l Maritime Org.	Int'l Maritime Org.	92-801-1505-5

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Bearings and Lubrication/Lubricants and Lubrication Systems/Power Transmissions				
Essential Concepts of Bearing Technology	2007, 5th	Harris, Kotzalas	CRC Press	0-8493-7183-X
Gear Drive Systems: Design and Application	1983	Lynwander	Marcel Dekker, Inc.	0-8247-1896-8
Lubrication		Gunther	Chilton Book Co.	0-8019-5526-2
Lubrication and Maintenance of Industrial Machinery	2009	Gresham, Totten	CRC Press	978-1420089356
Lubrication Fundamentals	2001, 2nd	Pirro, Wessol	Marcel Dekker, Inc.	0-8247-0574-2
Hull and Deck Machinery/Steering Systems/Propellers and Shafting				
Cranes and Derricks	3rd	Shapiro, Shapiro, Shapiro	McGraw-Hill	0-07-057889-3
Deck Machinery		Smith	Cornell Maritime Press	0-87033-185-x
Marine Propellers and Propulsion	2nd	Carlton	Butterworth Heinemann	978-07506-8150-6
Steering Gear (Part 9), Marine Engineering Practice, Vol 1		Paulin, Fowler	The Institute of Marine Engineers	0-900976-45-4
Auxiliary Plants/Miscellaneous Systems				
General Engineering Knowledge for Marine Engineers	4th	Jackson, Morton	Adlard Coles Nautical	0-7136-6735-4
Introduction to Marine Engineering	2nd	Taylor	Elsevier Butterworth-Heinemann	0750625309
Marine Auxiliary Machinery	7th	McGeorge	Elsevier Science Ltd.	0750643986
Marine Auxiliary Machinery		Souchotte, Smith	Newnes Butterworth	0-408-00170-4
Marine Auxiliary Machinery and Systems	2004	Khetagurov	University Press of the Pacific	978-1410212146
Marine Engineering		Harrington	SNAME	0939773104

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Modern Marine Engineer's Manual, Vol I	3rd	Hunt	Schiffer Publishing	0870334964
Modern Marine Engineer's Manual, Vol II	3rd	Hunt	Schiffer Publishing	978-0870335372
ELECTRICITY, ELECTRONICS & CONTROL ENGINEERING				
Basic Electricity				
Basic Electricity for the Petroleum Industry	2nd,1978	Petroleum Extension Svcs - Univ. of Texas	University of Texas at Austin	0-88698-109-3
Basic Electricity, Vol 1-5		VanValkenburg, Nooger, Neville	John F. Rider Publisher, Inc	
Electric Motor Handbook	1998	Beaty, Kirtely	McGraw-Hill	0-07-035971-7
Electrical Circuits	2nd	Siskind	McGraw-Hill	
Electrical Motor Controls for Integrated Systems	2009, 4th	Rockis, Mazur	American Technical Publishing	978-0826912176
Practical Considerations in Computer-Based Testing	2002	Parshall, Spray, Kalohn, Davey	Springer	978-0387987316
Electricity, One Through Seven		Mileaf	Hayden Book Co.	0-8104-5952-3
Electromagnetism/Electrical Machinery/Motor Controls				
Control of Electrical Drives	3rd	Leonhard	Springer	3-540-41820-2
Direct and Alternating Current Electrical Machines	2nd	Siskind	McGraw-Hill	
Direct and Alternating Current Machinery		Rosenblatt, Friedman	McGraw-Hill	
Electric Circuits and Machines	5th	Lister	McGraw-Hill	0-07-038026-0
Electric Motor Control Fundamentals	3rd	McIntyre	McGraw-Hill	0-07-045103-6
Electrical Motor Controls and Circuits		Fuchs, Garstang	Howard W. Sams & Co.	0-672-20163-1

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Industrial Electricity and Motor Controls		Miller, Miller	McGraw-Hill	97800771544764
Industrial Motor Control	6th	Herman	Delmar Cengage Learning	9781435442399
Transformers	2nd	Edwards	American Technical Publishers	978-0826916228
Transformer Principles and Applications	2006	Taylor, Overmyer, Michaelis	American Technical Publishers	978-0826916044
Basic Electronics				
Basic Electronics	Fourth	Grob	McGraw-Hill	0070249237
Basic Electronics for the Petroleum Industry	Fourth	Petroleum Exten Svc	Univ of TX at Austin	0-88698-199-9
Delmar's Standard Textbook of Electricity	2010, 5th	Herman	Delmar Publishing	978-1111539153
Electrical Principles and Practices	2007, 3rd	Mazur, Zurtis	American Technical Publishing	978-0826918031
Electronic Principles	7th	Malvino, Bates	McGraw-Hill	978-0-07-297527-7
Electronics, One Through Seven		Mileaf	Hayden Book Co.	0-8104-5961-2
Electronics: Principles and Applications		Schuler	McGraw-Hill	0-07-055572-9
Introduction to Electron and Electromechanical Devices		Yeager, Gourley	Prentice Hall	0-13-481408-8
Semi-conductor Fundamentals		Coughlin, Driscoll	Prentice Hall	0-13-806406-7
Marine Electricity, Electronics, and Control Engineering Applications				
Advanced Electrotechnology for Engineers	2nd	Krall	Thomas Reed Publications	0-901281-65-4
Basic Electrotechnology for Engineers	3rd	Krall	Thomas Reed Publications	0-900335-96-3
Marine Electrical Basics Workbook	2000	Young	Government Institutes	9780865876811

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Marine Electrical Practice		Watson	Newnes Butterworth	0-408-00028-7
Marine Engineering		Harrington	SNAME	0939773104
Modern Marine Electricity and Electronics		Smith	Cornell Maritime Press	
Modern Marine Engineer's Manual, Vol II	3rd	Hunt	Schiffer Publishing	9780870335372
Operating, Testing, and Preventive Maintenance of Electrical Power Apparatus		Hubert	Pearson Education, Inc.	0120412242
Practical Marine Electrical Knowledge	2nd	Hall	Witherby & Co. Ltd.	1856091821
Practical Marine Electrical Knowledge	3rd	Hall	Witherby & Co. Ltd.	1856096232
Robust Control of Diesel Ship Propulsion		Xiros	Springer	1-85233-543-2
Ship Automation for Marine Engineers and ETO's	1st	Yakimchuk	Witherby Seamanship Int'l.	978-1-85609-526-6
Shipboard Electrical Power Systems	2011	Patel	CRC Press	978-1439828168
Shipboard Propulsion, Power Electronics, and Ocean Energy	2012	Patel	CRC Press	978-1439888506
Analog and Digital Electronics Systems				
Analog Electronics Circuits, Systems and Signal Processing		Creecraft, Gergely	Butterworth Heinemann	0-7506-5095-8
Computer Networking from LANs to WANs	2009	Mansfield, Antonakos	Cengage Learning	978-1-423-90316-1
Computer Systems and Networks	2007	Blundell	Thomson Learning	978-1844806393
Digital Electronics Principles, Devices and Applications		Maini	Wiley & Sons	9780470032145
Digital Fundamentals	10th	Floyd	Pearson Prentice Hall	978-0-13-235923-8
Electronic Navigation Systems	3rd	Tetley	Elsevier Butterworth- Heinemann	0750651385
Instruments and Measurements for Electronics		Herrick	McGraw-Hill	

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Programmable Controllers: Theory and Implementation	2nd	Bryan, Bryan	American Technical Publishers	978-0826913005
Programmable Logic Controllers	5th	Bolton	Elsevier Ltd.	9781856177511
Solid State Devices and Systems	Fourth	Rockis	American Technical Publishers	978-0-8269-1637-2
Electrical Safety/High Voltage				
A Guide to Electrical Installations on Shipboard Handbook to IEEE Standard 45		Islam	Standards Information Network IEEE Press	0-7381-4101-1
Electrical Installations in Hazardous Location	3rd	Schram, Benedetti, Earley	Jones & Bartlett Publishers	978-0-7637-5249-1
Electrical Safety: A Practical Guide to OSHA and NFPA	2012, 70th	White	American Technical Publishing	978-08826935847
Electrical Safety Handbook	3rd	Cadick, Capelli- Schellpfeffer, Neitzel	McGraw-Hill	0071457720
High Voltage Engineering Fundamentals	2000	Kuffel, Kuffel	Newnes Butterworth- Heinemann	978-0750636346
National Electrical Safety Code - 2012 Handbook		Marne	McGraw-Hill	978-0-07-176685-2
Practical Grounding, Bonding, Shielding, and Surge Protection		Vijayaraghavan, Brown, Barnes	Elsevier Newnes	0-7506-6399-5
Protection of Industrial Power Systems	2nd	Davies	Elsevier Newnes	978-0-7506-2662-0
Electrical/Electronic Troubleshooting, Maintenance, and Repair				
Digital Multimeter Principles	2006, 3rd	Mazur	American Technical Publishers	978-0826914682
Electric Motor Maintenance and Troubleshooting	2011, 2nd	Hand	McGraw-Hill	978-0071763950
Electric Motor Repair	3rd	Rosenburg, Hand	Thomson Delmar Learning	0030595843

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Electrical Failure Analysis for Fire and Incident Investigations	2011	Durham, Durham, Cfei, Durham, Coffin	Create Space	978-1463773472
Electrician's Troubleshooting and Testing Pocket Guide	2007, 3rd	Traister, Stauffer	McGraw-Hill	978-0071487825
Electronic Failure Analysis Handbook	1999	Martin	McGraw-Hill	0-07-041044-5
Introduction to Thermography Principles	2009	Fluke Corporation	American Technical Publishers	978-0826915351
Operating, Testing, and Preventive Maintenance of Electrical Power Apparatus		Hubert	Pearson Education, Inc.	0120412242
Preventive Maintenance of Electrical Equipment	2nd	Hubert	Glencoe	0-07-030839-x
Troubleshooting Electric Motors	2010, Fourth	Mazur, Proctor	American Technical Publishers	978-0826917898
Troubleshooting Electrical/Electronic Systems	2009, 3rd	Mazur, Proctor	American Technical Publishers	978-0826917911
MOTOR PLANTS				
Diesel Engines (generic)				
Diesel and High Compression Gas Engines	3rd	Kates, Luck	American Technical Society	0-8269-0303-0
Diesel Engine Engineering		Makartchouk	Marcel Dekker, Inc	0-8247-0702-8
Diesel Engine Reference Book		Lilly	Butterworths	0-408-00443-6
Diesel Engine Operation and Maintenance		Maleev	McGraw-Hill	07-039770-8
Diesel Engineering Handbook	12th	Stinson	Business Journals	
Diesel Fundamentals, Service and Repair		Toboldt	Goodheart - Willcox	0-87006-167-4
Diesel Technology: Fundamentals, Service, Repair		Norman, Corinchock	Goodheart - Willcox	978-1-59070-770-8

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Marine Diesel Engines				
Diesel Engines for Ship Propulsion and Power Plants, Books I and II	2nd, Revision 2013 (English)	Kuiken, Kees	Target Global Energy Training	978-90-79104-02-4
Diesel-Engine Management	2006	Bosch	John Wiley & Sons	978-0470026892
Diesel Engines		Block	Cornell Maritime Press	978-0870334184
Diesel Generator Auxiliary Systems and Instruments	1st	Abdulqader	MRA Engineering	978-1-84728-241-5
Marine Diesel Engines		Ayub	CRC Press	978-81-80521782
Marine Diesel Engines	1st	Charnews	Cornell Maritime Press	978-0-87033-590-7
Marine Diesel Standard Practices	3rd	DEMA	Diesel Engine Manufacturer's Association	
Marine Low Speed Diesel Engines		Griffiths	The Institute of Marine Engineers	1-902536-33-9
Marine Medium Speed Diesel Engines		Griffiths	The Institute of Marine Engineers	1-902536-18-5
Marine Medium Speed Diesel Engines		Henshall	The Institute of Marine Engineers	0-900976-09-8
Medium and High Speed Diesel Engines for Marine Use		Henshall	The Institute of Marine Engineers	0-900976-77-2
Motor Engineering Knowledge for Marine Engineers		Morton, Jackson	Thomas Reed Publications	0-901281-10-7
Pounder's Marine Diesel engines and Gas Turbines	9th	Woodyard	Butterworth Heinemann	978-0-7506-8984-7
Prime Movers for Generation of Electricity (B) Medium Speed Diesel Generating Sets		Gillespie, Cockburn, Taylor, Thomas	The Institute of Marine Engineers	0-900976-13-6
Rotary Drilling - Unit I Lesson 11: Diesel Engines and Electric Power	Second	Petroleum Extension Service	University of Texas at Austin	

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Motor Plant Engineering				
Diesel Motor Ship Engines and Machinery		Knak	The Institute of Marine Engineers	0907206263
Introduction to Naval Engineering	2nd	Blank, Block, Richardson	Naval Institute Press	0-87021-320-2
Marine Engineering		Harrington	SNAME	0939773104
Modern Marine Engineer's Manual Vol II	3rd	Hunt	Schiffer Publishing	9780870335372
Operation and Maintenance of Machinery in Motorships		Chell	IMarENG	1902536169
Practical Marine Engineering, Vol I and II		Rowen	SNAME	0-939773-48-1
Work Boat Mechanics	2007	Ben L. Etridge	Marine Education Textbooks	0971040850
STEAM PLANTS				
Steam Boilers				
Boiler Operator's Handbook	2005	Heselton	Marcel Dekker, Inc.	0-88173-434-9
Boilers, Types, Characteristics, and Functions		Shields	McGraw Hill	07-056801-4
Combustion Engineering		Fryling	Riverside Press	
Marine Boilers	3rd	Flanagan	Heinemann Newnes	0-434-90606-9
Marine Steam Boilers		Milton	Newnes Butterworths	408-06750-0
Steam / Its Generation and Use		Babcock & Wilcox	Babcock & Wilcox	
Steam Turbines				
Marine Steam Engines and Turbines		Fox, McBirnie	Newnes Butterworth	0-408-00025-2
Prime Movers		Staniar	McGraw-Hill	

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Prime Movers for Generation of Electricity (A) Steam Turbines		Norris	The Institute of Marine Engineers	0-900976-08-x
Steam and Gas Turbines, Vol I and II		Stodola, Lowenstein	McGraw-Hill	
Steam and Gas Turbines for Marine Propulsion	2nd	Saarlax	Naval Institute Press	0-87021-690-2
Steam Turbines		Church	McGraw-Hill	
Water Chemistry				
Feed Water Systems and Treatment		Flanagan	Butterworth Heinemann	0-7506-0368-2
Marine Chemistry		Martin	Marcel Dekker, Inc.	
Practical Boiler Water Treatment		Pincus	McGraw-Hill	
Water Treatment		Skelley	The Institute of Marine Engineers	0-900976-66-7
Steam Plant Engineering				
Introduction to Marine Engineering		Latham	Naval Institute Press	
Introduction to Naval Engineering		Blank, Block, Richardson	Naval Institute Press	
Marine Engineering		Harrington	SNAME	0939773104
Modern Marine Engineer's Manual Vol I	3rd	Hunt	Schiffer Publishing	0870334964
Practical Marine Engineering		Rowen	SNAME	0-939773-48-1
Steam Engineering Knowledge for Marine Engineers		Morton	Adlard Coles Nautical	978-0-71366-736-3

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
GAS TURBINE PLANTS				
Gas Turbines				
Gas Turbine Propulsion Systems	2011	Maclsaac, Langton	John Wiley & Sons	978-0470065631
Pounder's Marine Diesel Engines and Gas Turbines	9th	Woodyard	Butterworth Heinemann	978-0-7506-8984-7
Steam and Gas Turbines, Vol I and II		Stodola, Lowenstein	McGraw-Hill	
Steam and Gas Turbines for Marine Propulsion	2nd	Saarlax	Naval Institute Press	0-87021-690-2
Gas Turbine Plant Engineering				
Gas Turbine Engineering Handbook	3rd	Boyce	Govt. Professional Publishing	978-0-7506-7846-9
Introduction to Naval Engineering		Blank, Block, Richardson	Naval Institute Press	
Marine Gas Turbines		Woodward	John Wiley & Sons	0-471-95962-6
Gas Turbine Systems Supervisor	1994		NAVEDTRA 14111	
Gas Turbine Systems Technician (Electrical) 2	1992		NAVEDTRA 14112	
Gas Turbine Systems Technician (Electrical) 3 Gas Turbine Systems Technician (Mechanical) 3. Volume I	1989		NAVEDTRA 14113	
Gas Turbine Systems Technician (Electrical) 3 Gas Turbine Systems Technician (Mechanical) 3. Volume II	1991		NAVEDTRA 14114	
Gas Turbine Systems Technician (Mechanical) 2	1999		NAVEDTRA 14115	
LM2500 Propulsion Gas Turbine Module Corrective Maintenance	2007		NAVSEA	
Marine Engineering	1995	Harrington	SNAME	0939773104

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Modern Marine Engineer's Manual, Vol I	3rd	Hunt	Schiffer Publishing	0870334964
ENGINE DEPARTMENT MANAGEMENT				
Arbitration				
Arbitration	Third	Rau, Sherman, Peppet	Foundation Press	1-59941-071-0
Basic Skills for the New Arbitrator	Second	Goodman	Solomon Publications	0-9670973-2-0
Labor and Employment Arbitration	Second	Nolan	Thompson West	978-0-314-15882-6
The Handbook of Conflict Resolution	Second	Deutsch, Coleman, Marcus	Jossey-Bass - A Wiley Imprint	978-0-7879-8058-0
Crisis Management				
Crisis Leadership: Planning for the Unthinkable		Mitroff	John Wiley & Sons	0-471-22918-0
Sitting in the Hot Seat: Leaders and Teams for Critical Incident Management		Flin	John Wiley & Sons	978-0-471-95796-6
Maritime Transportation - Safety Management and Risk Analysis		Kristiansen	Elsevier Butterworth Heinemann	978-0-7506-5999-4
Maintenance Management Systems/Operational Planning/Internal Documentation				
An Introduction to Predictive Maintenance	1990	Mobley	Van Nostrand Reinhold	978-0442318284
Maintenance Engineering Handbook	Seventh	Mobley, Higgins, Wikoff	McGraw-Hill	978-0-07-154646-1
Marine Engineering Economics and Cost Analysis		E. Hunt, B. Butman	Cornell Maritime Press	0-87033-458-1
Standard Handbook of Plant Engineering	Third	Rosaler	McGraw-Hill	0-07-136192-8

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Shipyard Availability/Drydocking Procedures				
A Guide to Ship Repair Estimates in Man Hours	2012, 2nd	Butler	Butterworth-Heinemann	978-0080982625
Dry Docking and Shipboard Maintenance	First	House	Witherby	978-1856092456
Inspection, Repair and Maintenance of Ship Structures	2009, 2nd	Caridis	Witherby	978-1-905331-37-6
Marine Classification Society Surveying	2009	Broad	Witherby	978-1-8566093149
Modern Marine Engineer's Manual Vol I	3rd	Hunt	Schiffer Publishing	0870334964
Supervision and Personnel Management				
Leadership Skills for Managers		Caroselli	McGraw-Hill	0-07-136430-7
Management: A Competency-Based Approach	Instructor's	Riegel, Jackson, Slocum	Thompson South- Western	978-0-324-54376-6
Management Skills for New Managers		Ellis	American Management Assoc	978-0-8144-0830-8
Shipboard Personnel Management	2007	Shekhar	ANMOL Publications	978-81-261-3203-4
Training and Assessment				
On Board Training Record Book for Officers in Charge of an Engineering Watch (Engine Cadets)	2012, 3rd	International Shipping Federation	Marisec Publications	
On Board Training Record Book for Ratings Forming Part of an Engineering Watch and Ratings Qualifying as Able Seafarer Engine	2011, 2nd	International Shipping Federation	Marisec Publications	
The First-Time Trainer	Second	Goad	American Management Assoc	978-0-8144-1559-7
Training and Assessment On Board	Fourth	Holder	Witherby Seamanship Int'l.	978-1-85609-451-1

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Troubleshooting and Technical Analysis				
Application of Oil Analysis in Diesel Engine Maintenance	2012	Sayyah	Lambert Academic Publishing	978-3659108952
Engine Failure Analysis: Internal Combustion Engine Failures and their Causes	2012	Greuter, Zima	SAE International	978-0768008852
Failure Analysis of Engineering Materials	2001	Brooks, Choudhury	McGraw-Hill	978-0071357586
Machinery Failure Analysis and Troubleshooting	2012	Bloch, Geitner	Elsevier Science and Technology	978-0123860453
Modern Marine Engineer's Manual Vol I	3rd	Hunt	Schiffer Publishing	0870334964
Modern Marine Engineer's Manual Vol II	3rd	Hunt	Schiffer Publishing	978-0870335372
Practical Diesel-Engine Combustion Analysis		Hsu	SAE International	0-7680-0914-6
Practical Plant Failure Analysis	2006	Sachs	CRC Press	978-0849333767
Root Cause Failure Analysis		Mobley	Newnes	978-0123908117
Rotating Machinery Vibration - From Analysis to Troubleshooting		Adams	CRC Press	0-8247-0258-1
The Nalco Guide to Boiler Failure Analysis	Second	Nalco Company	McGraw-Hill	978-0-07-174300-6
ENGINEERING SAFETY & ENVIRONMENTAL PROTECTION				
Firefighting				
Fire Onboard: Prevention and Control		Rushbrook	Brown Son & Ferguson	0-85174-331-5
Firefighting Strategy and Leadership		Walsh	McGraw-Hill	
Marine Fire Fighting	First	Int'l Fire Service Training Assoc.	IFSTA	0-87939-177-4
Marine Fire Prevention, Firefighting and Fire Safety		Maritime Admin.	US Maritime Admin.	

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Towboat Fire Safety		Thompson, Kline	The River School Inc	1-893184-C4-8
First Aid				
International Medical Guide for Ships	3rd	World Health Org.	World Health Org.	978-92-4-154720-8
Marine Fire Prevention, Firefighting and Fire Safety		Maritime Admin.	US Maritime Admin.	
The Ship's Medicine Chest and Medical Aid at Sea	1987	Dept of Health, Education & Welfare	Gov't. Printing Office	
HAZMAT and Communications/Emergency Equipment/Confined Spaces				
Confined Space Entry and Emergency Response		Veasey, McCormick, Hilyer, Oldfield, Hansen	McGraw-Hill	0-07-137558-9
Hazard Communication Made Easy		Nelson, Grubbs	Gov't. Institutes	0-86587-656-8
Marine Fire Prevention, Firefighting and Fire Safety		Maritime Admin.	US Maritime Admin.	
Stability and Trim/Damage Control/Flooding and Dewatering				
Merchant Ship Stability		Pursey	Brown Son & Ferguson	0-85174-442-7
Ship Stability - Revised by Dr. C.B. Barrass	Fifth	Derrett	Butterworth Heinemann	0-7506-4101-0
Stability and Trim for the Ship's Officer	Fourth	George	Cornell Maritime Press	0-87033-564-2
Inspections and Surveys				
Rules for Building and Classing Steel Vessels 2010, Part 2, Materials and Welding		ABS		
Rules for Building and Classing Steel Vessels 2010, Part 3, Hull Construction and Equipment		ABS		
Rules for Building and Classing Steel Vessels 2010, Part 4, Vessel Systems and Machinery		ABS		

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Rules for Building and Classing Steel Vessels 2010, Part 7, Survey after Construction		ABS		
U.S. Rules and Regulations (generic)				
33 CFR Subchapter O, Pollution, Parts 151-169				
46 CFR Subchapter F, Marine Engineering, Parts 50-64				
46 CFR Subchapter J, Electrical Engineering, Parts 110-113				
46 CFR Subchapter Q: Equipment/Construction/Materials, Parts 159-165				
46 CFR Subchapter S, Subdivision and Stability, Parts 170-174				
46 CFR Subchapter W, Lifesaving Appliances and Arrangements, Part 199				
U.S. Rules and Regulations (vessel type specific, those carrying engineers)				
46 CFR Subchapter C, Uninspected Vessels, Parts 24-28				
46 CFR Subchapter D, Tank Vessels, Parts 30-39				
46 CFR Subchapter H, Passenger Vessels, Parts 70-80				
46 CFR Subchapter I, Cargo and Miscellaneous Vessels, Parts 90-109				
46 CFR Subchapter I-A, Mobile Offshore Drilling Units, Parts 107-109				
46 CFR Subchapter K, Small Passenger Vessels, Parts 114-122				
46 CFR Subchapter L, Offshore Supply Vessels, Parts 125-134				
46 CFR Subchapter U, Oceanographic Research Vessels, Parts 188-196				

TITLE	EDITION	AUTHOR	PUBLISHER	ISBN #
Environmental Protection				
Ballast Water Management Convention	2009	IMO	Int'l Maritime Org	92-801-1503-1
MARPOL	2006	IMO	Int'l Maritime Org	92-801-4216-7
Pollution Prevention Equipment	2006	IMO	Int'l Maritime Org	92-801-1470-6
General Safety				
Accident Prevention on board ship, at sea, and in port.			Int'l. Labour Org.	92-2-109450-2
Onboard Safety		Ritchie	Int'l Maritime Org	978-185609-513-6
Safety and Health at Sea - A Practical Guide for Seafarers		Sagen, Mitchell	Witherby Seamanship	978-1-58609-233-3
COMPREHENSIVE MARINE ENGINEERING PUBLICATIONS (inclusive of many of the above categories)				
General Engineering Knowledge for Marine Engineers	4th	Jackson, Morton	Adlard Coles Nautical	0-7136-6735-4
Marine Engineering		Harrington	SNAME	0939773104
Modern Marine Engineer's Manual Vol I	3rd	Hunt	Schiffer Publishing	0870334964
Modern Marine Engineer's Manual Vol II	2nd	Hunt	Schiffer Publishing	9780870335372
Practical Marine Engineering, Vol I and II		Rowen	SNAME	0-939773-48-1
The Maritime Engineering Reference Book		Molland	Butterworth Heinemann	978-0-7506-8987-8