



海军工程大学涉外丛书

船舶柴油机 管理与维修

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Management and Maintenance of
Marine Diesel Engine



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前 言

“海军工程大学涉外丛书”所属的外训系列教材是外国留学生来校学习培训的专用教材，也可作为中国军校学员专业英语培训及双语教学的辅助教材。该系列教材的逐步推出和完善，是海军工程大学对外军事教育在教学理念、教学模式和条件建设上不断努力与探索的结果，必将更好地满足外国留学生的教学需求。其主要特点是：

1.遵循海军工程大学外训教学大纲、人才培养方案、课程教学计划和课程标准，以结构、功能、文化相结合为原则，以提高外国军事留学生的军事职业素养和专业综合技能为目标。

2.内容的选择，强调突出各专业、各课程的知识体系及发展前沿，贴近外国军队建设和装备实际，并根据时代特点和外国军事留学生实际情况进行调整和补充，注重题材的丰富性和体裁的多样化。

3.教材出版印刷前，均邀请校内外专家同行审阅、征求外国军事留学生修改建议，并在多年的外训教学实践中进行锤炼和检验。

《船舶柴油机管理与维修》是“海军工程大学涉外丛书——外训系列教材”之一。全书共分9章，主要以TBD234柴油机为例介绍了柴油机管理和维修的基本步骤和方法。是一本有关柴油机修理的专业读物。可以使学生基本掌握柴油机管理和维修的基本方法和技能，开阔技术视野，培养职业素养，奠定下一步专业学习的基础。

本书由陈萍负责纲目拟定和全书编写统稿，并负责一到六章的文稿、插图和数字部分的编写工作；刘振明负责第七到九章的编写工作；张彬、段格恣负责全书校稿和排版工作。编写过程中，参考了大量国内外文献，

吸收了国内外学者的最新研究成果。在此向各位专家、学者表示衷心的感谢。由于作者水平有限，书中难免存在疏漏和不当之处。敬请专家和读者提出宝贵意见。

编者
2021年8月

Foreword

The foreign training coursebook series of Naval University of Engineering (NUE) are dedicated to the training of foreign military personnel at NUE as well as ESP (English for Special Purpose) learning and bilingual instruction of Chinese cadets in military academies. The progression of the series is the result of NUE's endeavor in exploration of the foreign military education concept, mode and support, so as to better satisfy the requirements of foreign military training. The characteristics of the coursebook series are:

1. They comply with NUE's foreign training syllabus, talent training plan, course plan and standard. Integrating structure, function and culture, they aim at improving the foreign military students' military professionalism.

2. The contents highlight knowledge system and development frontier. They're close to the real situation of foreign military and their equipment in a wide range of subjects and style.

3. The coursebooks have been used in foreign education practice for several years. Before publication, they have been reviewed by experts from and outside NUE, and revised upon the suggestion from foreign military trainees.

《Management and Maintenance of Marine diesel engine》 is one of the foreign training coursebook series of Naval University of Engineering. It contains 9 chapters, mainly introducing basic steps and methods of diesel engine maintenance. As a professional reading material on diesel engine maintenance, it aims at enabling students to master the basic methods and skills of diesel engine management and maintenance, broadening the technical view and developing professionalism to lay a foundation for future studies.

Chen Ping is responsible for the outline and the manuscript of the whole book, and for the writing, illustrations and digital parts of chapter 1 to 6. Liu Zhenming is responsible for the writing of chapter 7 to 9. Zhang Bin and Duan Kemin are responsible for proofreading and typography of the whole book. In the process of book writing, the authors consult a large number of Chinese and foreign references, and adopt the latest research achievements made by scholars at home and abroad. Hereby, heartfelt gratitude are forwarded to the said experts and scholars. Due to the authors' limited academic level, it's hard to avoid omissions and inappropriateness. Comments and suggestions are more than welcome.

Editor
August, 2021






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