

Marks' Standard Handbook for Mechanical Engineers

Marks' Standard Handbook for Mechanical Engineers is a comprehensive [handbook](#) for the field of [mechanical engineering](#). It was first published in 1916 by [Lionel Simeon Marks](#). In 2006, it was in its 11th edition, and published by [McGraw-Hill](#).^[1]

Lionel S. Marks was a professor of mechanical engineering at [Harvard University](#) and [Massachusetts Institute of Technology](#) in the early 1900s.^[2]

Topics

In the 11th edition, there are 20 sections:

1. Mathematical Tables and Measuring Units
2. Mathematics
3. Mechanics of Solids and Fluids
4. Heat
5. Strength of Materials
6. Materials of Engineering
7. Fuels and Furnaces
8. Machine Elements
9. Power Generation
10. Materials Handling
11. Transportation
12. Building Construction and Equipment
13. Manufacturing Processes
14. Fans, Pumps, and Compressors
15. Electrical and Electronics Engineering
16. Instruments and Controls
17. Industrial Engineering
18. The Regulatory Environment
19. Refrigeration, Cryogenics, and Optics
20. Emerging Technologies