



Diesel Generator Handbook

By L. L. J. Mahon CEng FIEE FBIM FIQA CDipAF

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Diesel Generator Handbook meets the need for an authoritative reference work covering the range of mechanical and electrical topics embodied in the practical design and application of diesel generating plant. It will be particularly welcomed in many parts of the developing world where the diesel generator is basic to the electricity supply system.

The discussion covers, in fifteen chapters, the prime mover, power ratings, synchronous generators, load assessment, control principles and systems, switchgear and controlgear, standby power, fuels and lubricating oils, installation and commissioning, noise reduction, and plant operation and maintenance.

The book thus caters for all who are concerned with the selection, specification, testing, commissioning, operation and maintenance of diesel-based generator systems: not only the practising plant or services engineers, but also non-specialist engineers and users. The young technician or trainee engineer who is embarking on a career in the supply industry will find this handbook an invaluable investment.

L L J Mahon, FIEE, FBIM, after an engineering apprenticeship with BTH in Rugby, gained over 30 years' experience in the design, development, manufacture, installation and commissioning of both stationary and highly specialised mobile diesel generator plant for a range of applications.

- An informative reference work covering the range of mechanical and electrical topics within the practical design and application of diesel generating plants
- Ideal for professionals concerned with diesel-based generator systems
- An invaluable source of information for the your technician or trainee engineer starting a career in the supply industry

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Editorial Review

From the Publisher

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About the Author

L L J Mahon, FIEE, FBIM, began his career with an engineering apprenticeship with BTH in Rugby and has since gained over 30 years' experience in the design, development, manufacture, installation and commissioning of both stationary and highly specialized mobile diesel generator plants for a range of applications.

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