

# Preface

Responding to calls from developers and building professionals, *Design for Maintainability* is written as a guide to aid in achieving optimum performance throughout the lifespan of a facility within the minimum life cycle cost.

With the motto of "doing it right the first time", this book focuses on spearheading the integration of designers, constructors and facility managers (FM), on the outset of the planning/design stage, by providing easy to read tables summarising (1) knowledge learnt from past mistakes and (2) maintainability benchmarks, to ensure high maintainability. Based on the predictive/preventive approach, the tables serve to define acceptable standards in design, construction and operation practices. The text covers technical issues related to major components of a facility for basements, wet areas, façades, common areas, roofs and M&E (mechanical and electrical) systems.

Readers who seek further information beyond the tables of this reference book may refer to the associated textbook *Maintainability of Facilities: Green FM for Building Professionals* (2<sup>nd</sup> Edition). The textbook also provides access for an online "Maintainability of Building" database (<http://www.hpbc.bdg.nus.edu.sg>).

Thank you.

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