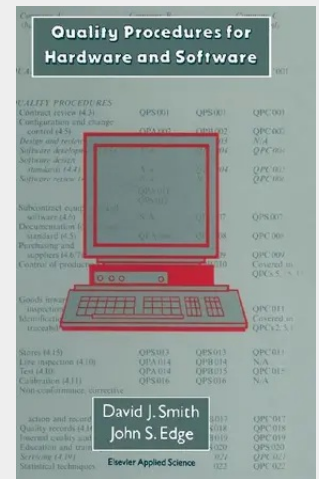


Quality Procedures for Hardware and Software

A Cost Effective Guide to Establishing a Quality System-Contains Manuals and Template Procedures

How to Use This Book The primary purpose of this book is to assist small companies, involved in both hardware and software, to devise and evolve their own quality systems. There are a number of national and now international standards which outline the activities for which procedures and records need to be specified. They are described and compared in Chapter 2, and the subsequent guidance in the book is intended to assist in meeting them. Although, at first sight, the operations of a hardware equipment developer may seem very different from those of a software house, the basic requirements of a quality system, such as the BS 5750 and ISO 1987 series of documents, are the same. For this reason the same standard can be called for in both areas and it will be seen, in Part 2, that suitable procedures can be derived to meet both types of operation. Quality standards (BS 5750, AQAP, ISO 9000 series) distinguish between companies carrying out, on the one hand, both design and manufacturing fixed functions and, on the other hand, those who only manufacture to specifications. In practice, the lesser requirements (those applying to manufacture to fixed specifications) are common to both levels of standard and the additional controls pertaining to design are added to obtain the higher standard. Chapter 2 explains the differences in detail.

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53,49 €

49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781851665501
Medium: Buch
ISBN: 978-1-85166-550-1
Verlag: Springer
Erscheinungstermin: 30.06.1991
Sprache(n): Englisch
Auflage: 1. Auflage 1991
Produktform: Gebunden
Gewicht: 836 g
Seiten: 463
Format (B x H): 157 x 235 mm

