
This book is an updated version of a series of articles first published in *The Architect's Journal* by the authors. It is aimed as much at management in materials handling as at architects, or rather to facilitate intelligent collaboration between them. The authors point out that major technological changes have occurred in both the storage and handling of goods at all stages of distribution from the factory to the final customer over the past few years, such that the information available is vast, yet scattered. The volume is claimed to be a comprehensive coverage of the subject to aid particularly in the planning of new storage buildings.

The contents are divided into nine sections. The first being an introduction, followed by two on loading bays and external storage of containers. The remaining six sections deal with specific types of storage—manual, mechanised, automated, bulk, cold and specialist. The technical treatment in each case is divided between the storage process and the building function, classified into 38 headings. The majority of sections contain extensive information sheets while further detail is given in appendices. The book is extensively illustrated with profuse photographs and line diagrams as one would expect for a price of £20.

What is the result? First of all, the overall impression is of a 300 page book in A4 format packed with useful facts, the only reservation concerning the speed with which the material will go out-of-date. Certainly much of the cost information and equipment specifications will suffer rapid obsolescence, though the basic framework has a far longer life. Perhaps it might have been better to produce a less costly volume which could be revised from time to time.

In each of the six sections covering particular storage types, the storage process itself is classified into 21 headings following the material flow from receipt to despatch together with some consideration of the information flow needed. The remaining 17 headings are concerned with the building function dealing with such matters as the structure, services, working environment, etc. Taken in conjunction with the information sheets, each section provides a reasonably thorough treatment illustrating applications in a variety of industries, although, inevitably, there are omissions or points which could be expanded, even disputed. However, it would be invidious to highlight details of this sort in a book which, though expensive, is to be welcomed.

**R. E. SCHOFIELD**

Creativity in industry by P. R. Whitefield. Penguin Books Ltd, 1975, 217 pp, paperback £6.00

On picking up this book for the first time one wondered whether this was going to be another case of drifting into a land of make-believe with the promise of flowers and rainbows. Much has been written on the subject of creativity and while some of it is interesting very little of it can be put into practice. The book as a whole is very interesting, readable and informative. Each chapter has an extensive bibliography, particularly Chapter 5, and a serious reader could use the bibliography to Chapter 5 for a much deeper investigation into the whole field of laser processes. For the practising production engineer Chapters 5 and 6, as is admitted by the author, would probably stand alone and one feels that they would make the contents of an excellent monograph without the detailed theoretical development in the early chapters. For anyone who is interested in the application of lasers, this book would make an excellent starting point and is very good value for money at £6.

**R. H. HOLLIER**

The Corporate Members of the Institution of Production Engineers listed below, who have been elected since October 30 1975 have been approved for entry in the Register of Chartered Engineers for as long as they retain Corporate Membership of a Constituent Institution.*

The Council of Engineering Institutions makes available to Chartered Engineers certificates on receipt of an application form and a fee of £3.24. The application form can be obtained from the Registrar of the Council of Engineering Institutions and cannot undertake to receive correspondence concerning registration.

**ELECTED AS A FELLOW ON JANUARY 29 1976**

DURRANNS Kenneth James

ANDERSON Ian

ASHIHRU Abdus Sami

BANDULARATNE Weniada Wedage

BANKS Keith Graham

BAREHAM John William

BARON John Arnold

BELL Stephen Brooke

BEST Frederick George

BLEASDALE Richard George

BRADBRAY Timmothy

BRAMSON Robert Paul

BUBENDORFER Walter Friedrich

CHOW Wing On

CLARKSON Neil Stuart

COLEMAN Peter John

COONEY Winga Francis

COOK Christopher David

CROWTHER Michael Roger David

DE SILVA Chandaratne Sarathchandra

DICKENS Terence

DOOLEY Paul Leslie

DOYLE James Patrick

FERNANDEZ Laksh Jaya Ranjana

FOLLOWS Ronald

FORDE Oliver Eric Henry

FOWLES Stephen Grenville

FRIEND David Warwick

GANIFORD Brian Redit

GLANVILLE Richard Tintern

GNIGNWENDINE Aji Surendra

GORDON William Augustus Lena

HALT Robert Edward

HALTON Richard Paul

HEPPENSTALL David Barry

HERSEE Roger Edward

HIGGINSON John Robert

HOLLANDS Stanley James

HON Kang Tong

HOG Roger

HURRAN Joseph Alan

JENNINGS Gary Haydn

JENKINS Hugh John

JOHNSON Trevor Ashley

KEOHoe Walter Anthony

KEELLY Philip Fred

KERRER Peter George

KING Richard Lewis

KNIGHT Michael William

KNIGHTS Jolimation

KNIGHTS Kuan Tai

LEADBETTER Derek

MADELEY Sidney John

MAGILL John James

MALLAY Rajar Venkateswar

MARR Peter Third

MARTIN John Christopher

MECKAY John Patrick

MEHAN Vyay Kumar

MISRA Haradhan

MOORE Roger Thomas

MOTHERWELL Thomas

NANJI Mohamedali Gulamhusein

PENNIX Richard Barry

PERKINS David Colin

POLOCK Leon

RAHMAN Islam Bin Abdul

REITER Peter Adrian

ROBERTS Jack Roger

SCANNELL Michael George

SCHACH VON WITTENAU Hans

SHEPHERD Charles Samuel Peter

SIMPKIN Michael William

SMEEDLEY Thomas Benjamin

SWANSON Kenneth George

SWEETMAN Malcolm Gilbert

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